



# 2015

## LADUE FIRE DEPARTMENT ANNUAL REPORT



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## Table of Contents

	Page
Mission Statement.....	1
Message from the Chief.....	2-4
Organizational Chart.....	5
Personnel.....	6-7
A Shift.....	8
B Shift.....	9
C Shift.....	10
Budget.....	11
Total Calls.....	12
Fire Loss.....	13
Fire Incident Types.....	14
Fire Mutual Aid.....	15-16
EMS Activity.....	17
EMS Mutual Aid/Disposition of Patients.....	18
Calls of Interest.....	19-20
Training.....	21-22
Public Education.....	23
Equipment.....	24-25
Fire Marshal/Fire and EMS Training.....	26-28
December 2015 Flood.....	29-30

## Administration



Fire Chief Steve Lynn



Assistant Fire Chief Jeff Johnson



Administrative Secretary Christy Briegleb

### LADUE FIRE DEPARTMENT MISSION STATEMENT

*We are committed to excellence and will ensure the highest level of emergency and community services, for the citizens and visitors of the City of Ladue*

- We will provide essential fire suppression, special operations and emergency medical services to the citizens of the City of Ladue with an elevated level of expertise*
- We will provide a unified professional response to life and property incidents affecting the City of Ladue and its citizens*
- To maintain and enforce an updated and continuing inspections program to enforce adopted codes and to supply quality fire prevention to the citizens of the City of Ladue*
- To provide the greatest quality of service to the public through a comprehensive training program that seeks to sharpen existing skills and develop new technologies to meet future demands and to provide a safe and healthy work environment for our employees*

## **Message from Fire Chief Steven Lynn**

Under the direction of the Ladue City Council and Mayor Spewak, it is my pleasure to submit to the community the Ladue Fire Department Annual Report for 2015. This report has been prepared to highlight Fire Department activities and provide statistical information on the services offered by the Ladue Fire Department from January 1, 2015 through December 31, 2015.

I would like to first start by thanking members of the Police and Fire Board, City Council members, and Mayor Nancy Spewak for giving me this opportunity to serve as the Fire Chief of the City of Ladue. Early in 2015 the prior Fire Chief separated from the city creating a vacancy for the Chief position. After several interviews and the approval of all key players, the journey began.

This journey is only as good as those individuals that make up this department. Let me reassure you, we have a great department. The members of this department display levels of proficiency and professionalism that will rival any fire department in the county. Each year more individuals are obtaining professional certifications as well as formal educations.

Our administrative team is comprised of the Fire Chief, Assistant Fire Chief-Fire Marshal and Administrative Secretary, Christy Briegleb. The administrative team also receives support from our six Captains and three Lieutenants. Each Captain/Lieutenant has an area of responsibility in addition to managing the day-to-day engine house operations. While every Officer contributes immensely, it is noteworthy to point out that Captain Gary Kreitler serves as our Medical Officer and oversees our EMS program and Captain Derek Roux is our Training Officer. Both Captain Kreitler and Captain Roux spend countless hours with their added responsibilities. The fire department would not be complete without the 30 firefighter/paramedics that handle the daily calls for service and take care of the needs of our community.

In addition to the citizens of Ladue for all of their support of our Fire Department, I wish to express appreciation to Mayor Spewak, the City Council, City Staff, Members of the Board of Police and Fire Commissioners and the members of the department for their continued support and guidance.

The fire department had two departures in 2015; Chief John Bailot and Captain Keith Terry who retired after 36 years of service with the Ladue Fire Department. Captain Terry started his career with the City of Ladue in 1979 and quickly became a well-respected firefighter. Many firefighters who followed found Captain Terry to be one individual who they could learn from, count on, and experience true leadership with. In 2010 I was assigned to Captain Terry for a

mentorship. With no reservation I can say he was a great example for me to learn from. Captain Terry will be greatly missed in this department.

Also in 2015, with the separation of Private Johnson in 2014, Private Brad Ermeling was hired in the first quarter of the year. With the separation of Chief Bailot and Retirement of Captain Terry, two individuals were hired in the third quarter of the year: Nick Hartley and Andrew Lincoln. Also, several promotions were made with the above separations: Lieutenant (Lt.) Marcus Jones was promoted to Captain, Private Clay Boyd was promoted to Lt. and Private Mike Rose was promoted to Lt.

In March of 2015 Ladue Fire Department transitioned from FireHouse Software to web-based Emergency Reporting as part of the modernization of technology within the fire department. This software communicates with the software used by Central County Dispatching allowing information to be populated during the event. Firefighters can now access call information on any device that has internet access. This software was also purchased to fulfill the greater plan which is to completely revamp the pre-plans. With each commercial structure as well as any residential structure greater than 5000 square feet Insurance Service Organization (insurance rating service) requires a preplan which is a standardized set of information that will assist first arriving units as well as command on scene of any event.

Emergency Reporting has many additional functions which are currently being used. Personnel management is a component of this program which allows us to track fire and EMS classes making it easy to run reports. In this module each member is able to scan any supporting credential documents and have 24/7 access via the web. Another module of this software is the inventory component. This component will allow us to track most of our equipment as well as placing some equipment on a replacement schedule. The last component used in this software is the inspection module. Each year we do annual fire safety inspections on all commercial properties. This software allows firefighters the ability to complete the inspection online while performing the inspection. During the inspection information is being entered and will automatically update the preplans, giving us the most accurate information possible.

Throughout the year, several notable events occurred which are demonstrated in this report. However, the most significant event occurred on December 26<sup>th</sup>. On this date, the City of Ladue began what was a historical three day rainfall that had a significant impact on the southeastern region of the city. On the afternoon of December 26<sup>th</sup>, I reported to the police station where a command center was established. Over the next 24 hours the creeks were monitored closely and scheduled visual checks were performed by the police. The fire department began receiving calls around 2000 hours for residences with water in the basement. During the night one evacuation was performed for a flooded basement that required the utilities of the house to be terminated. As the rain continued many streets in the

southeast corner of the city began to flood making them impassible. By the morning of the 28<sup>th</sup> Tilles Park was primarily under water and the water was running across Litzinger Road.

At 0800 on the 28<sup>th</sup> a strike team was assembled and well checks were performed on homes affected by the rising water. With great delight, most home owners had prepared for this event and were secured in their homes. Two residents requested assistance to evacuate in which crews accommodated and assisted the homeowners to safety. At 1400 hours I was notified that an 82 year old female was still in her home that had water up to the front door surrounding the structure. Further information was relayed that the family was present and they would be bringing her out of the house through the water to safety. The water rescue team was quickly assembled and assisted the family to safety, no injuries to report.

As the year wrapped up it was time for reflection as this marked my sixth month as Chief. Over the last six months I have seen demonstrations of leadership and professionalism that surpass my expectation. The members of the Ladue Fire Department have been given the opportunity to participate in molding this organization; without reservation they have embraced it making way for new cultures and traditions while honoring the old.

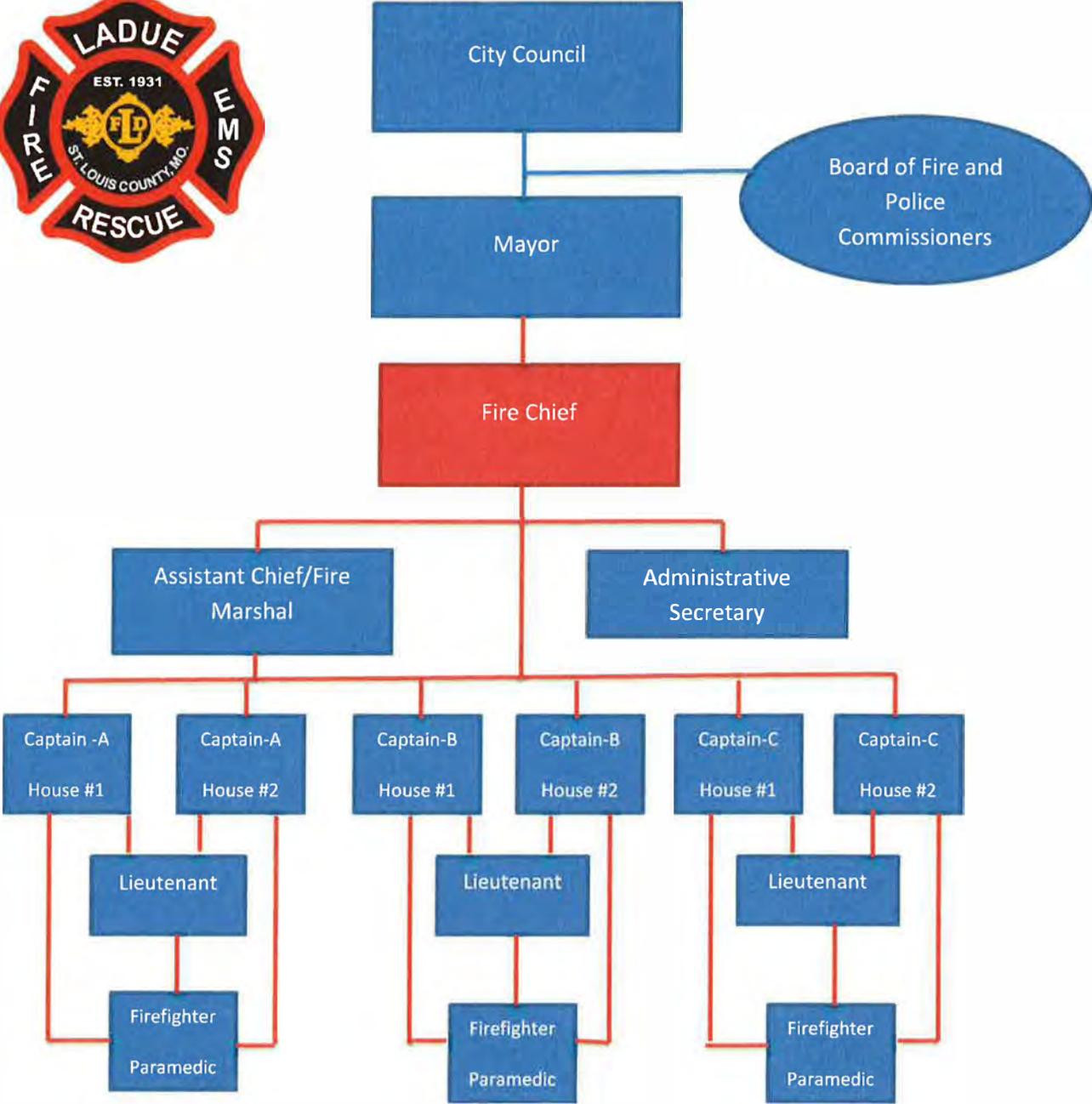
I encourage all citizens to visit the firehouse as well as get to know the outstanding members of the Ladue Fire Department. As always, it is my pleasure and honor to be the City of Ladue Fire Chief!

Sincerely,

A handwritten signature in blue ink, appearing to read 'S. Lynn', with a stylized flourish at the end.

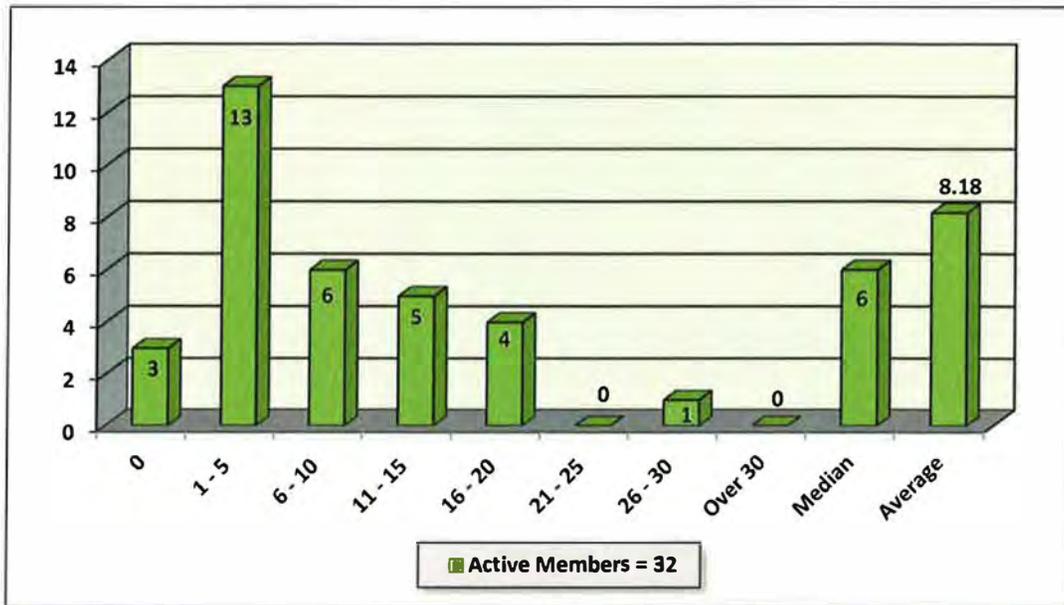
*Steven E. Lynn, MPA  
City of Ladue Fire Chief*

LADUE FIRE DEPARTMENT – ORGANIZATIONAL CHART

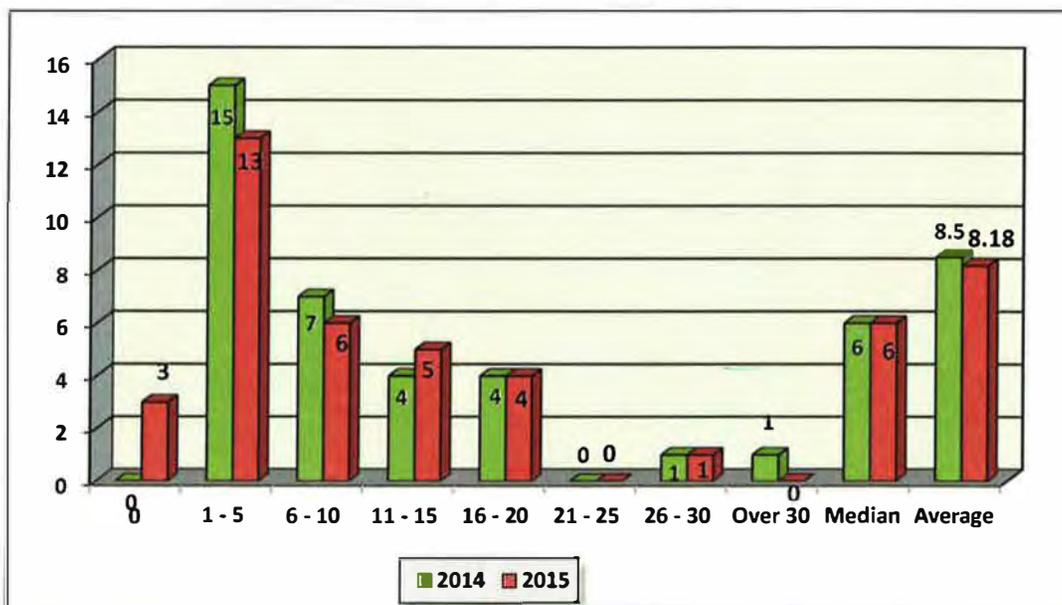


## Personnel

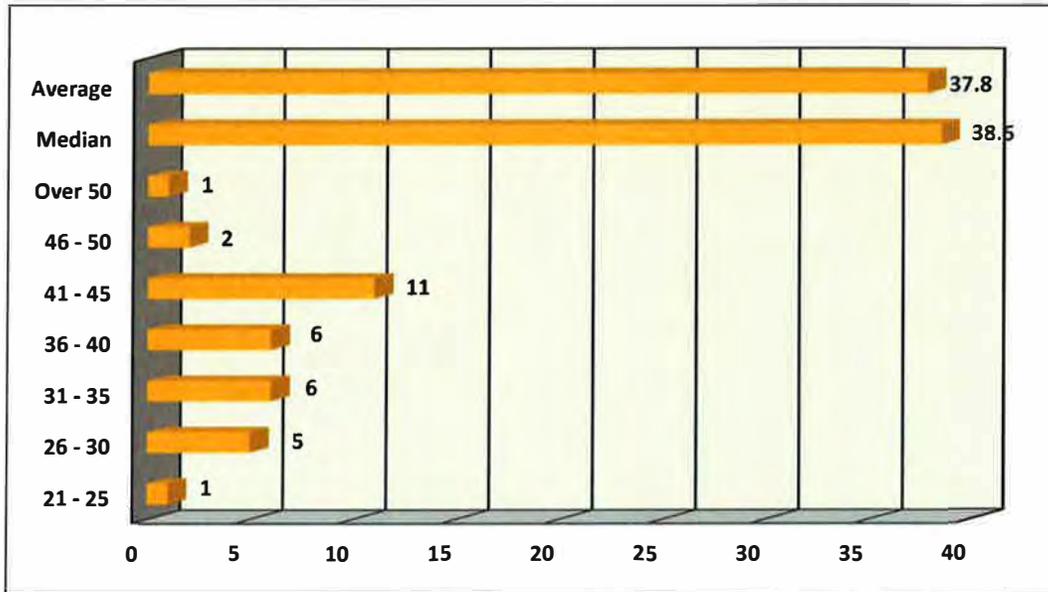
### Total Years of Service 2015 - 262 years



### Side by Side Comparison 2014/2015



### Age of Personnel - 2015



#### Personnel Changes – Additions

- Firefighter/Paramedic Brad Ermeling – February 5<sup>th</sup>, 2015
- Firefighter/Paramedic Andrew Lincoln – August 8<sup>th</sup>, 2015
- Firefighter/Paramedic Nick Hartley – August 11<sup>th</sup>, 2015

#### Personnel Changes – Separations

- Fire Chief John Bailot – April 3<sup>rd</sup>, 2015
- Captain Keith Terry – August 8<sup>th</sup>, 2015

#### Personnel Promotions

- Fire Chief Steve Lynn – July 13<sup>th</sup>, 2015
- Captain Marcus Jones – November 12<sup>th</sup>, 2015
- Lieutenant Mike Rose – November 12<sup>th</sup>, 2015
- Lieutenant Clay Boyd – November 12<sup>th</sup>, 2015



Captain Gary Kreitler  
05/16/2003



Captain John Amenn  
02/25/2000



Lt. Clay Boyd  
06/05/2010



Paramedic/FF Kevin Rotter  
06/21/1996



Driver/Paramedic Tom Wright  
03/09/1998



Driver/Paramedic Kyle Luttrell  
05/15/2008



Paramedic/FF Ryan Nadler  
07/11/2010



Paramedic/FF Matt Budwell  
01/10/2013



Paramedic/FF Chris Dill  
01/22/2013



Paramedic/FF Nick  
Hartley 08/11/2015



Captain Derek Roux  
06/27/2003



Captain Marcus Jones  
09/08/2005



Lt. Mike Rose  
09/16/2011



Driver/Paramedic Doug Kain  
09/15/1995



Driver/Paramedic Derek Owen  
01/25/2008



Paramedic/FF Brandon Pallarito  
06/19/2010



Paramedic/FF Dave Kaiser  
10/13/2010



Paramedic/FF Ryan Austin  
01/06/2013



Paramedic/FF Kevin Wuebbels  
01/24/2013



Paramedic/FF Brad Ermeling  
02/05/2015



Captain Roger Willmann  
08/30/1987



Captain Jeremy Carron  
09/17/2004



Lt. Kevin Camp  
05/17/2002



Driver/Paramedic Gary Hammann  
08/18/2006



Paramedic/FF Trevor Woodside  
03/16/2007



Driver/Paramedic Brian Gibson  
09/06/2007



Paramedic/FF Larry Pfaff  
08/27/2011



Paramedic/FF Tom Marischen  
08/31/2011

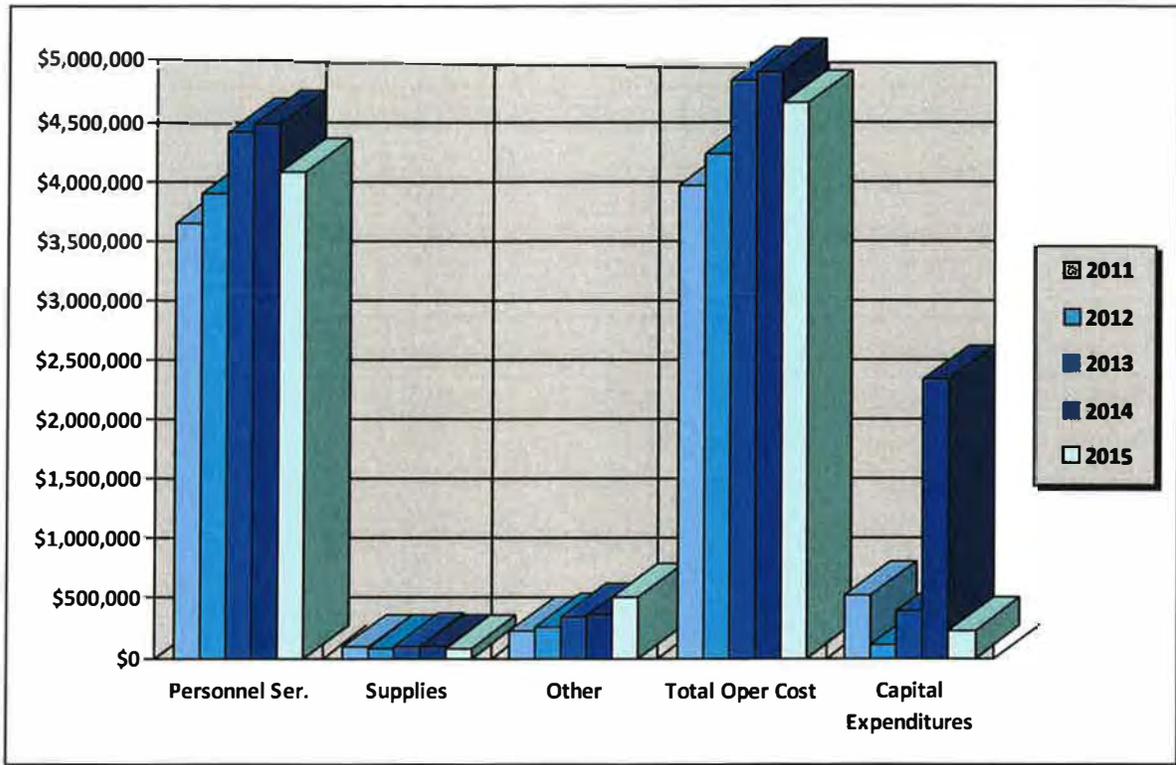


Paramedic/FF Eric Coleman  
02/07/2013



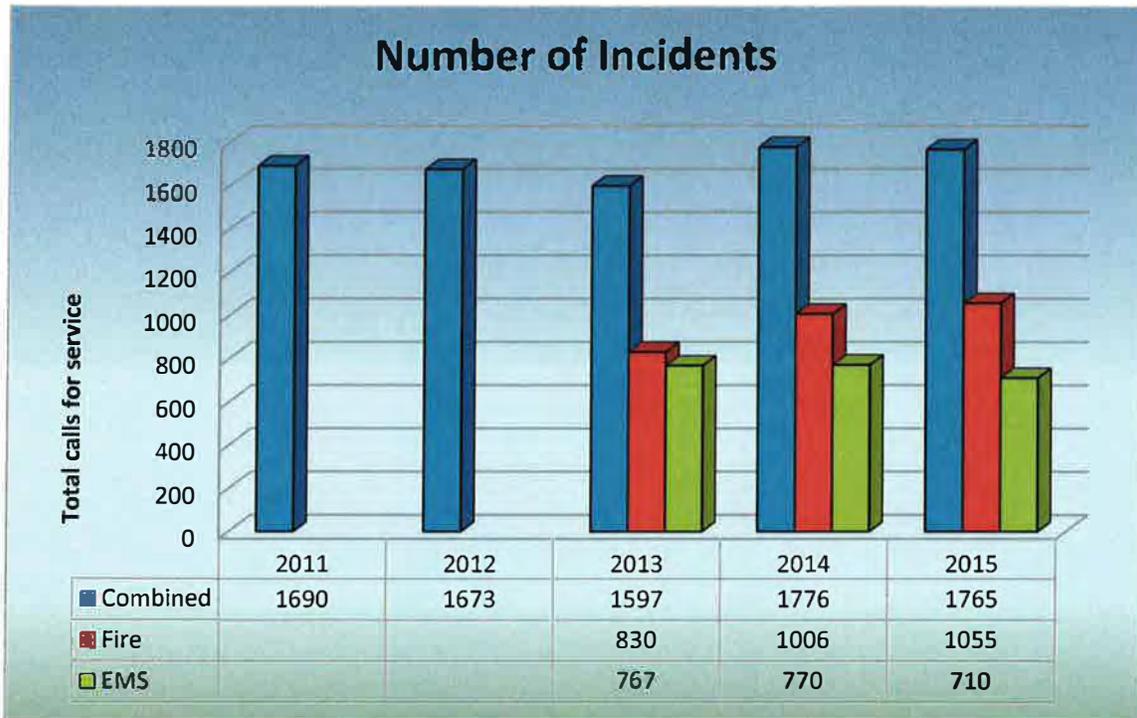
Paramedic/FF Andrew Lincoln  
08/08/2015

### Fire Department Cost Comparison 2011 – 2015

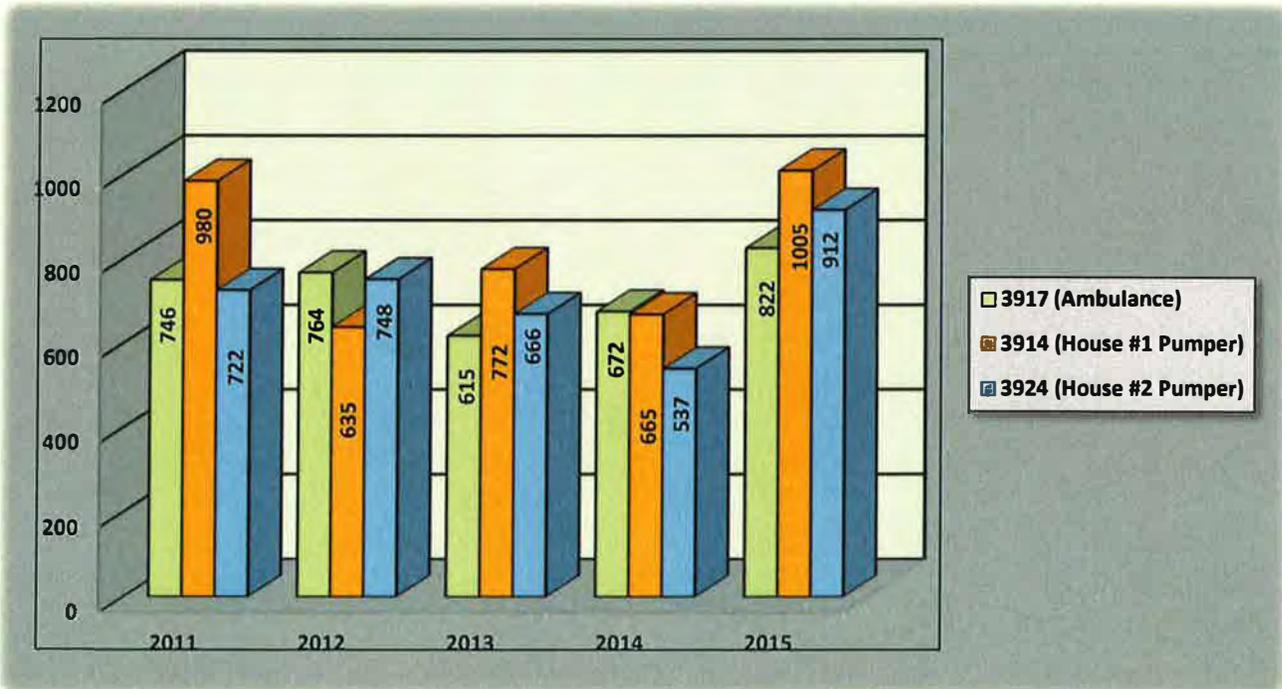


OPERATIONS COST						
Year	Personnel Services	% of Total Oper Cost	Supplies	Other	Total Oper Cost	Capital Expenditures
2011	\$3,661,655	92.1%	\$83,270	\$231,904	\$3,976,829	\$115,922
2012	\$3,900,899	91.9%	\$82,107	\$261,574	\$4,244,580	\$387,817
2013	\$4,421,759	91.1%	\$91,409	\$343,455	\$4,856,623	\$502,901
2014	\$4,488,973	91.2%	\$83,677	\$351,073	\$4,923,723	\$2,337,512
2015	\$4,086,556	87.6%	\$70,297	\$509,126	\$4,665,979	\$223,389

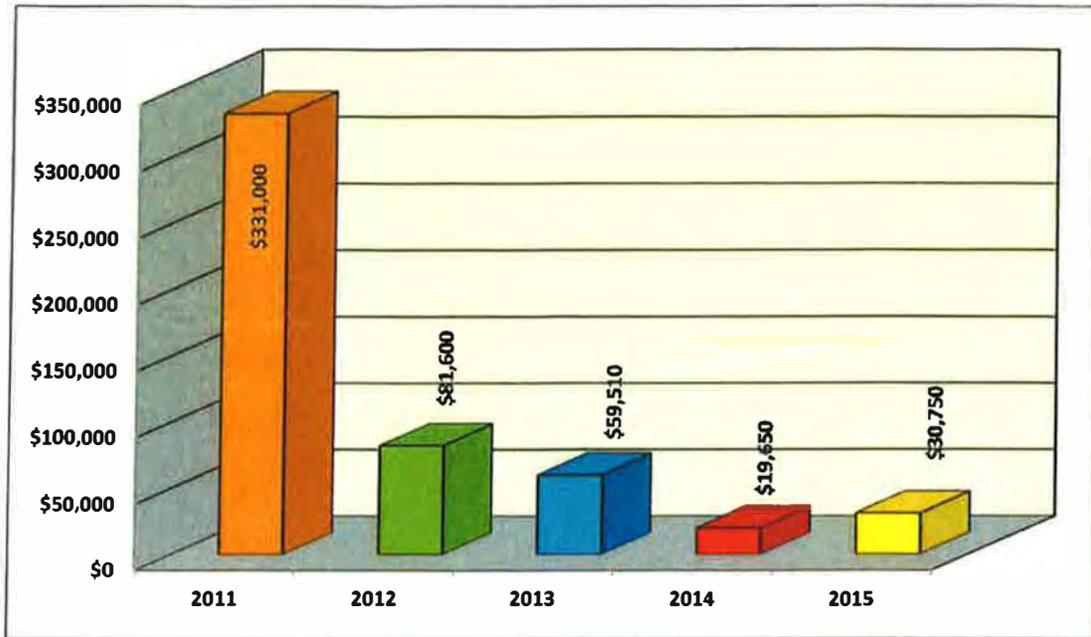
**Total Number of Incidents – 2011 through 2015**



**Total Calls per Unit 2011 – 2015**



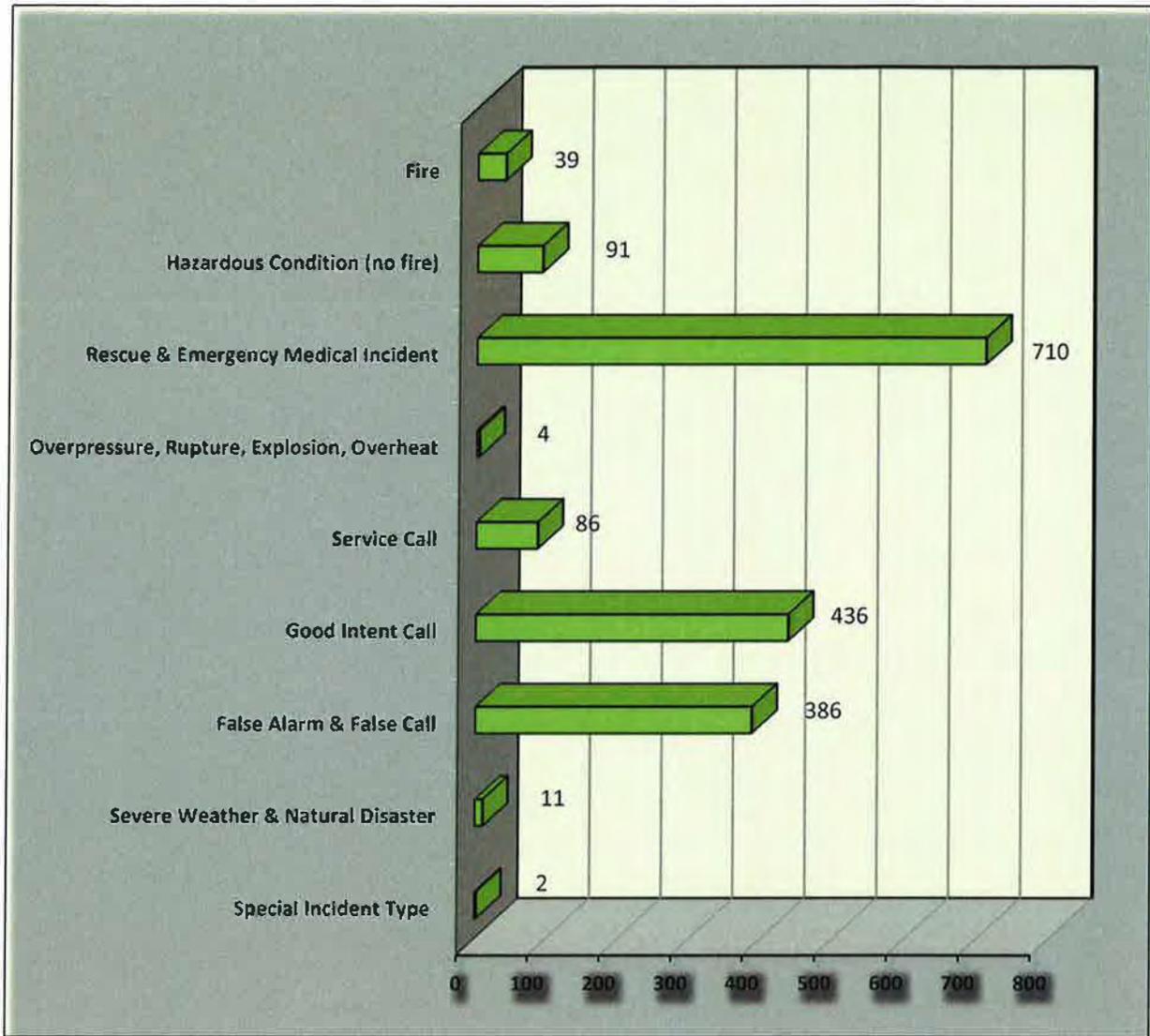
### Fire Loss 2011 -2015



### In Town Calls and Associated Dollar Loss

Date	Location	Incident	Est Loss		Value
2/26/2015	814 S. Lindbergh BLVD	Vehicle Fire	\$5,000		\$5,000
3/18/2015	Westbound I-64	Vehicle Fire	\$500		\$10,500
4/5/2015	Clayton Rd	Vehicle Fire	\$6,800		\$6,800
4/18/2015	8970 Moydalgen Rd	Structure Fire	\$3,000		\$529,100
6/20/2015	10 Brazillian Ct	Vehicle Fire	\$2,000		\$2,000
7/2/2015	15 Brookside Ln	Electrical Fire	\$10,000		\$432,000
7/30/2015	Hwy 170 Northbound	Vehicle Fire	\$2,500		\$2,500
8/17/2015	27 Dromara Rd	Outside Fire	\$750		\$750
10/19/2015	8885 Ladue Rd	Cooking Fire	\$200		\$200
			<b>\$30,750</b>		<b>\$988,850</b>

**Types of Incidents for Both Stations**



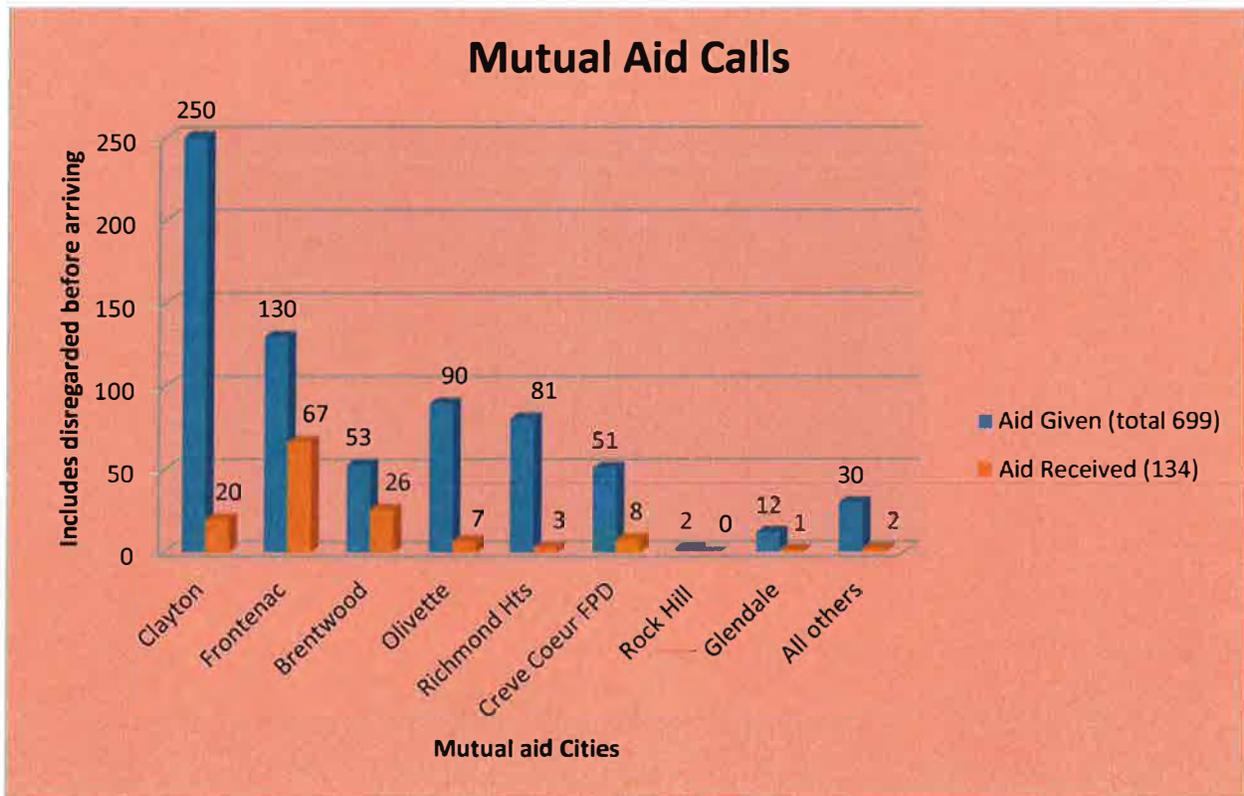
## Fire Mutual Aid Given / Received by Ladue FD

The City of Ladue Fire Department proudly works and trains with the Fire/EMS personnel from the communities that surround this City. Our Fire Department is always happy to assist our neighboring Departments when requested. In return, we appreciate the assistance we receive from these same Departments when they are called upon to assist us.

*Automatic aid* is a call in which we are on an agency's *response plan* and respond with the initial dispatch of their equipment. This is typical with agency's we abut, such as Clayton, Richmond Heights, Frontenac, Brentwood, Olivette, Rock Hill and Creve Coeur FPD and with automatic fire alarm sounding and reports of structure fires (first alarms).

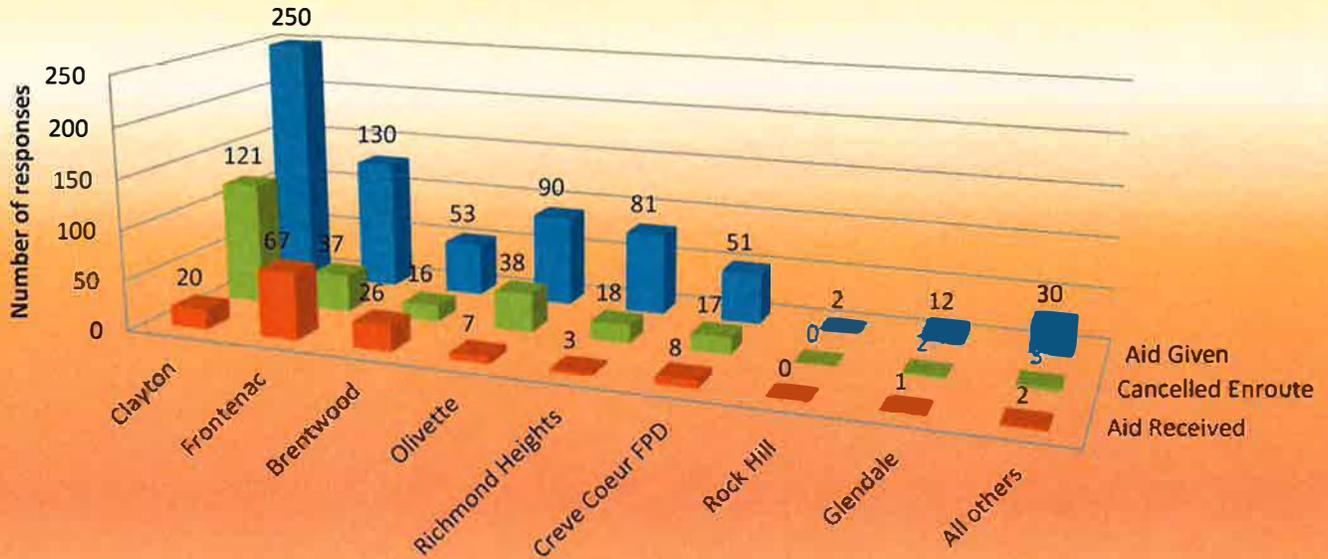
Mutual aid is a call in which one of our units are requested that is not on the agency's initial response. Generally, these are EMS calls, multi-alarm structure fires and calls to assist agencies we do not border, such as St. Louis City, Monarch FPD, Maplewood etc... Another example would be an automatic alarm or first alarm where our pumper or ambulance is a fill-in unit because automatic aid was unavailable.

### Aid Given/Received 2015



## Aid Given/Received 2015

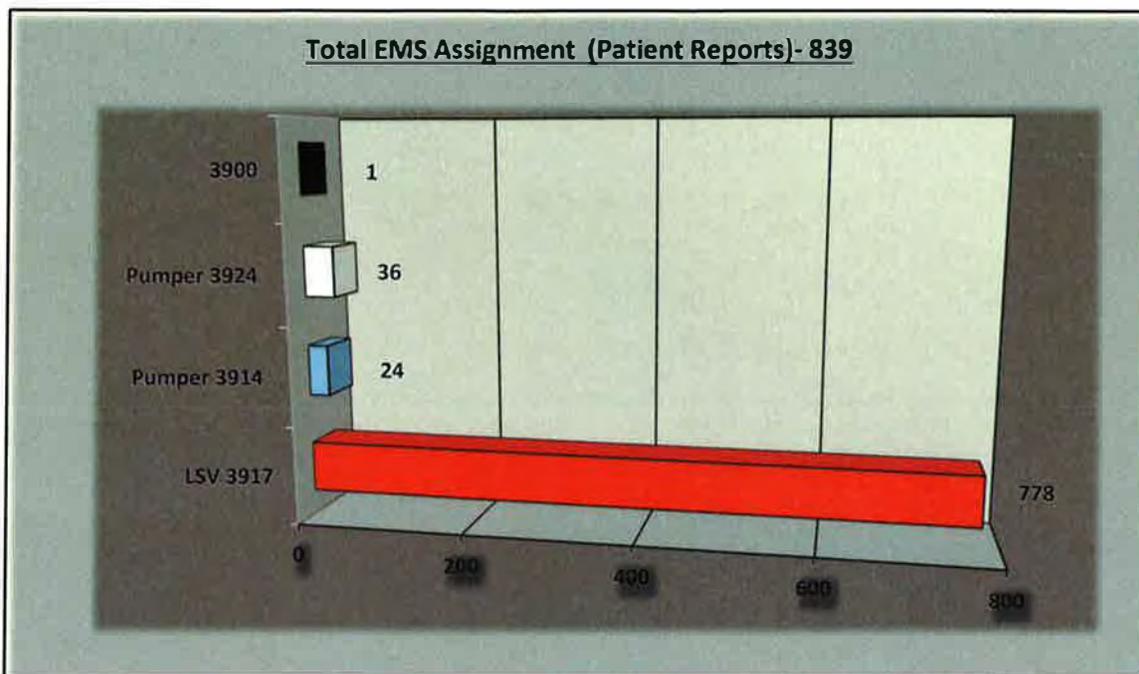
### Mutual Aid Given and Received



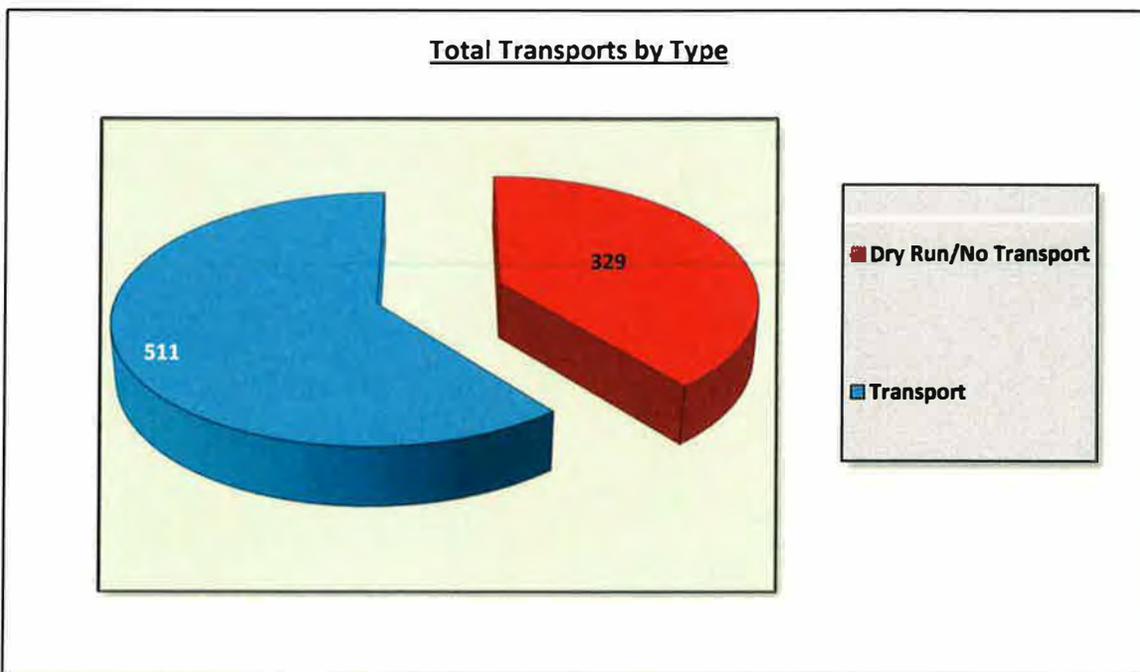
	Clayton	Frontenac	Brentwood	Olivette	Richmond Heights	Creve Coeur FPD	Rock Hill	Glendale	All others
■ Aid Received	20	67	26	7	3	8	0	1	2
■ Cancelled Enroute	121	37	16	38	18	17	0	2	3
■ Aid Given	250	130	53	90	81	51	2	12	30

For purposes of this annual report mutual aid and automatic aid are combined. Total aid given is indicated in blue. The green data stream in front of “aid given” indicates how many of those total calls were cancelled en-route. The orange data stream indicates how many times we received aid from that particular agency.

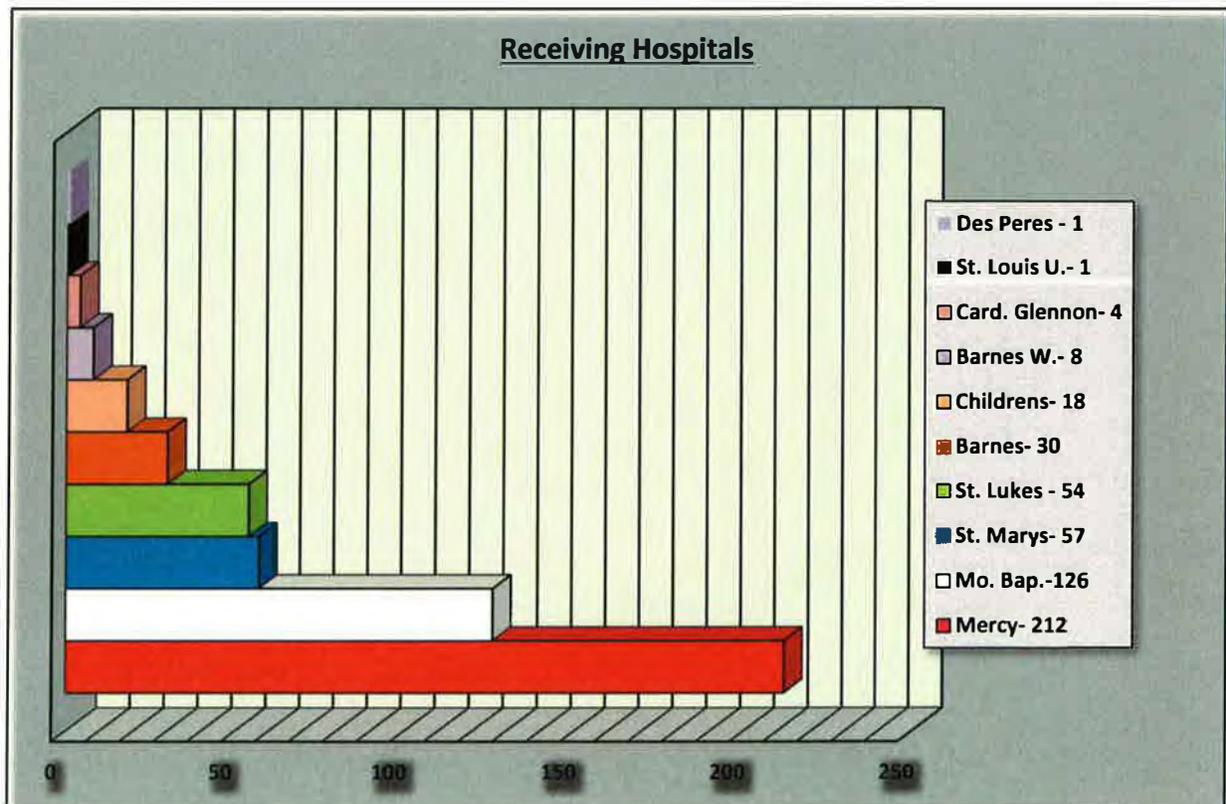
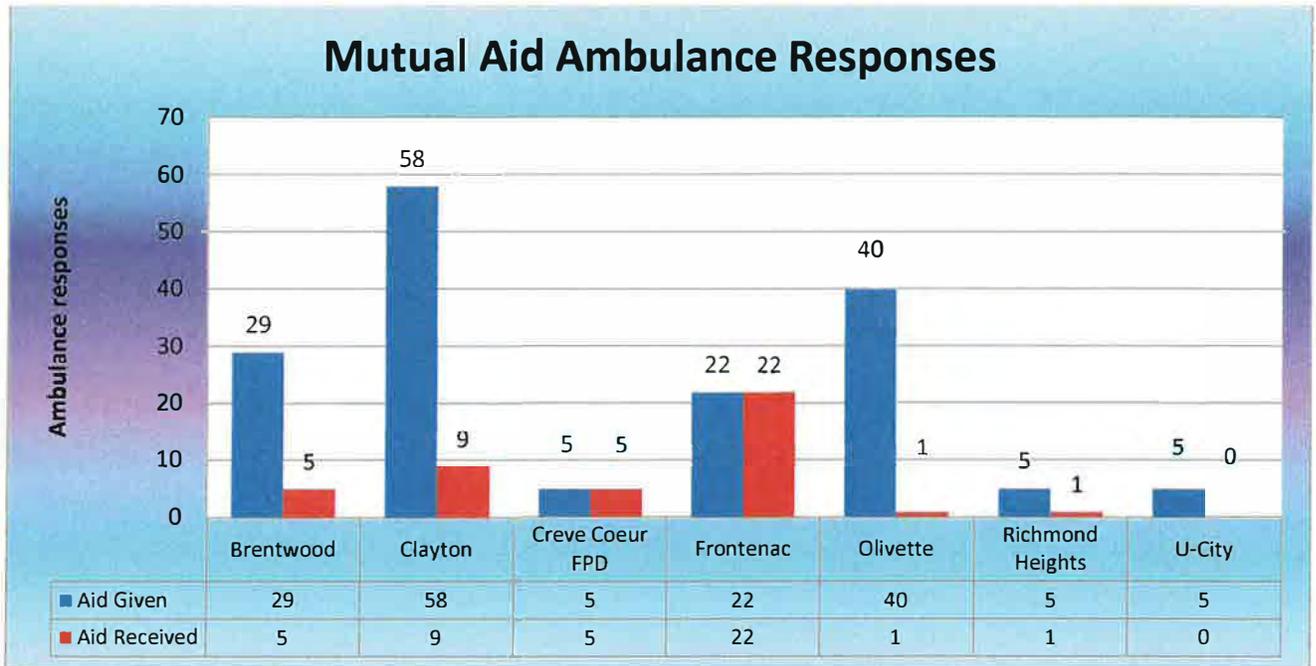
## 2015 EMS Activity



\*\*\* note that while 3917 had 778 calls (EMS) for service there were 839 EMS reports because of multiple patients on the same call. These are typically automobile crashes. Additionally, an EMS report is generated when a mutual aid ambulance responds into our town and on any calls that 3917 is dispatched on but canceled en-route.



EMS Mutual Aid Received/Provided



## Calls of Interest 2015

### **January 15<sup>th</sup> – 1115 Bopp Rd – Structure Fire – B Shift**

3924 and 3900 assisted Des Peres on a residential structure fire. 3924 was assigned as the rapid intervention team.

### **March 8<sup>th</sup> – 10403 Capital Dr – Residential Flue Fire – A Shift**

3924, 3917 and 3901 assisted Frontenac on a residential flue fire. 3924's crew established incident command. 3917's crew assisted with interior operations.

### **March 15<sup>th</sup> – Hwy 170 Northbound – Vehicle Rescue – B Shift**

3914, 3917 and mutual aid units responded on a vehicle rescue. A 1 ¾ pre-connect line was utilized for a standby while extrication was completed using rescue cutters/spreaders.

### **March 18<sup>th</sup> – 10403 Capital Dr – Vehicle Fire/Hazardous Materials Incident – A Shift**

3914, 3924, 3917 and 3901 responded to a report of a vehicle rescue on westbound 64 west of McKnight Rd. Upon arrival this ended up being a pick-up truck that was on fire. The vehicle was a pool service vehicle that was carrying a small amount of chlorine tablets and muriatic acid. The St. Louis County Hazardous Materials Team Duty Officer was notified and advised the Ladue units on how to properly dilute the materials and action that need to be taken as far as personnel cleaning their gear after the incident.

### **April 2<sup>nd</sup> – 10308 Briar Hollow Dr. – Apartment Fire – B Shift**

3924 assisted Creve Coeur FPD with a 2<sup>nd</sup> alarm apartment fire. Upon their arrival they were assigned to the 2<sup>nd</sup> floor to assist with checking for fire extension and extinguishment.

### **April 13<sup>th</sup> – 10235 Chaucer Ave – Structure Fire – A Shift**

3914 assisted Community FPF on an apartment fire. Upon their arrival 3914's crew assisted with manpower.

### **April 18<sup>th</sup> – 8970 Moydalgan Rd – Structure Fire – A Shift**

3924, 3914, 3917, 3901 and mutual aid units responded to a residential structure fire. Upon their arrival the resident was extinguishing a fire to an exterior wall. 3914's crew assisted with fire extinguishment, checking for fire extension into the structure and ventilation.

### **May 17<sup>th</sup> – 9960 Holliston Ct – Dumpster Fire/Structure Exposure – C Shift**

3924 responded on a dumpster fire. Upon their arrival units found the construction dumpster heavily involved with fire. The dumpster was located within 3 feet of the structure. Crews utilized a 1 ¾ attack line to protect the exposure and extinguish the fire.

### **June 4<sup>th</sup> – 898 Amersham Dr – Structure Fire – C Shift**

3924 assisted West County FPD on a residential structure fire. Upon their arrival 3924's crew assisted with checking for fire extension to the 2<sup>nd</sup> floor and attic spaces.

**June 25<sup>th</sup> – 8917 Swan Circle – Apartment Fire – A Shift**

3914, 3917 and 3901 assisted Brentwood FD on an apartment fire. Upon arrival 3914's crew assisted with a primary search of the structure.

**July 2<sup>nd</sup> – 15 Brookside Ln – Structure Fire – B Shift**

3914, 3924, 3917, 3901 and mutual aid units responded to a residential structure fire. Upon 3914's arrival they found smoke in the 2<sup>nd</sup> floor bathroom. The fire was contained to the exhaust fan and the surrounding ceiling joists. The fire was extinguished, the attic was checked for extension and the structure was ventilated.

**August 19<sup>th</sup> – 21 Spoede Woods – Structure Fire – B Shift**

3924, 3914 and 3900 assisted Creve Coeur FPD with a 2<sup>nd</sup> alarm residential structure fire. 3900 assisted at the command post. 3914 and 3924 were assigned to 1<sup>st</sup> floor fire attack. Ladue units also assisted with the primary search and overhaul.

**September 8<sup>th</sup> – 1035 Hanley Industrial Ct – Structure Fire – C Shift**

3914, 3924, 3900 and 3901 assisted Brentwood FD with a 2<sup>nd</sup> alarm commercial structure fire. Ladue units assisted with a secondary search, isolating utilities and ventilation.

**September 15<sup>th</sup> – 2505 Brentwood BLVD – Hazardous Materials Incident – A Shift**

3924, 3917 and 3900 assisted Brentwood FD with a hazardous materials incident. This was an ammonia leak in the Brentwood Community Center. 3924's crew was assigned to assist with ventilation. 3900 was the Medical Branch Supervisor.

**October 8<sup>th</sup> – 8820 Ladue Rd – Vehicle Rescue – C Shift**

3914 and 3917 responded on a vehicle rescue. Due to circumstances regarding the injury the patient was removed by extrication using rescue cutters/spreaders.

**October 14<sup>th</sup> – I-64 Westbound – Vehicle Rescue – C Shift**

3914, 3917, 3900 and mutual aid units responded on a vehicle rescue. A 1 ¾ pre-connect line was utilized for a standby while extrication was completed using rescue cutters/spreaders.

**October 19<sup>th</sup> – 8885F Ladue Rd – Fire Alarm/Commercial Cooking Fire – C Shift**

3914, 3924 and mutual aid units responded for a fire alarm. Upon arrival 3914's crew found that a cooking fire had already been extinguished by the store employee using a Type K fire extinguisher. 3914's crew checked for any fire extension. The gas line to the cooking appliance appeared to have scorch damage noted to it. 3914's crew assisted with shutting off the gas to the unit.

**December 26<sup>th</sup> through 28<sup>th</sup> – Various – Flood Assessment – A and B Shifts**

All Ladue units responded to various flood related calls such as flooded basements. Wellness checks were conducted by Ladue FD personnel in the most heavily hit areas which were in the south east quadrant of the city.

## Training 2015



Crews participate in an Incident Command table-top session.



All three crews participated in forcible entry training with West County Fire Protection District.





Live fire training at West County Fire Protection District's training facility.



All three crews participate in various training evolutions such as ladder training.



Each crew participated in several "live" fire training evolutions at West County Fire District's training facility.

## Public Education – Public Relations

Lieutenant Marcus Jones oversees the scheduling of various fire safety talks within the community. For Fire Prevention Week, Marcus, along with personnel from each shift presented lectures on fire safety along with tours of the fire equipment for students from every school in our community. This year we were able to borrow a “smoke trailer” from the Hazelwood Fire Department to teach fire safety to the students at Conway and Reed Elementary. Throughout the year, both firehouses are visited by school aged children along with Boy/Girl Scout troops. In addition, our Department participates in the first fire drill of the new school year with each school in town.



The smoke trailer provided elementary students an opportunity to practice crawling through the smoke to exit the house. Firefighter Brian Gibson teaches the students fire safety and demonstrates crawling to safety in a smoke filled environment.



Lieutenant Marcus Jones and Assistant Chief Jeff Johnson participated in the 2015 Dream Factory on Saturday December 5th, 2015. Both men donated time to assist critically/chronically ill children with their Christmas shopping. This is the fifth year that off-duty personnel have participated.

## Ladue Fire Department Equipment



Engine House 2 – 3924  
2010 Pierce Rescue Pumper  
1500 GPM Pump  
750 Gallon Tank

Engine House 1 – 3914  
2005 Pierce Rescue Pumper  
1250 GPM Pump  
500 Gallon Tank



Engine House 1 – 3917  
2010 Ford Advanced Life Support Vehicle





Reserve Unit - 3997  
2005 GMC Advanced Life Support Vehicle

Reserve Unit – 3990  
1999 Pierce Rescue Pumper  
1250 GPM Pump  
500 Gallon Tank



## Fire Marshal Report

Assistant Chief/Fire Marshal Jeff Johnson

The Fire Marshal's Office keeps busy throughout the year with plan reviews, various inspections including framing inspections, final inspections and other miscellaneous inspections that include high school bon-fires and home safety inspections. Among others, the 2006 International Fire Code is the document used for code enforcement. One of the department goals is to have the City adopt a more current code. These codes are revised and updated every three years by the International Code Council.

### 2015 Fire Marshal Statistics

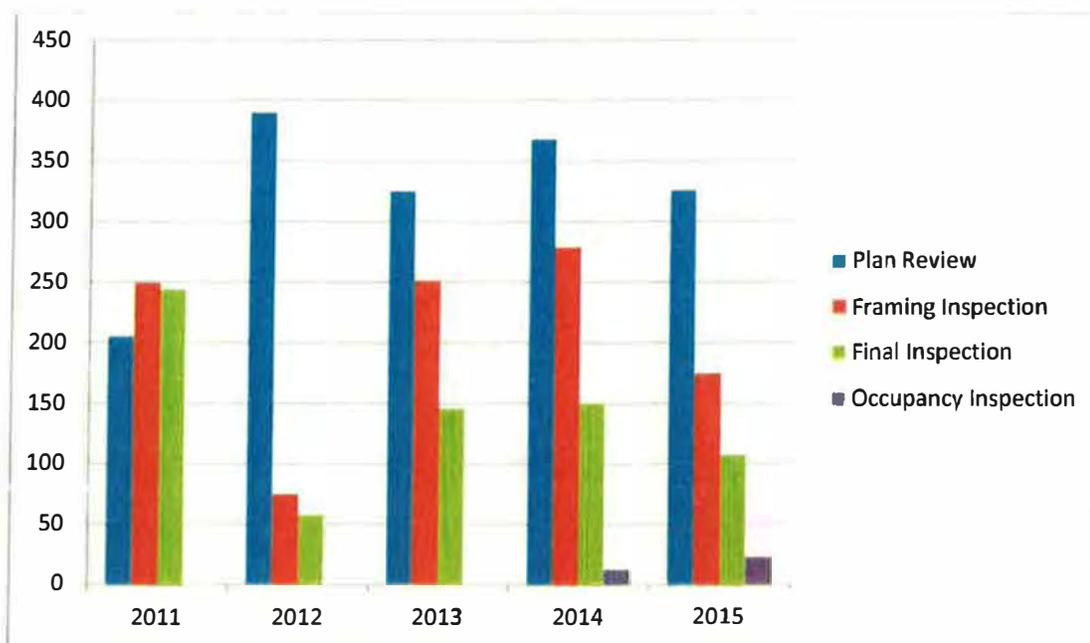
Plan reviews – 326

Framing inspections – 175

Final inspections – 108

Occupancy inspections – 23

Generator plan reviews – 13



Note\*\*\* In years 2010 through 2013 I counted the occupancy inspection as part of the final inspection. Starting in 2014 and moving forward these will be counted as separate inspections.

Engine Companies performed 327 Fire Safety Inspections of all schools, commercial businesses and churches in the city. The Ladue Fire Department conducts these inspections on an annual basis.

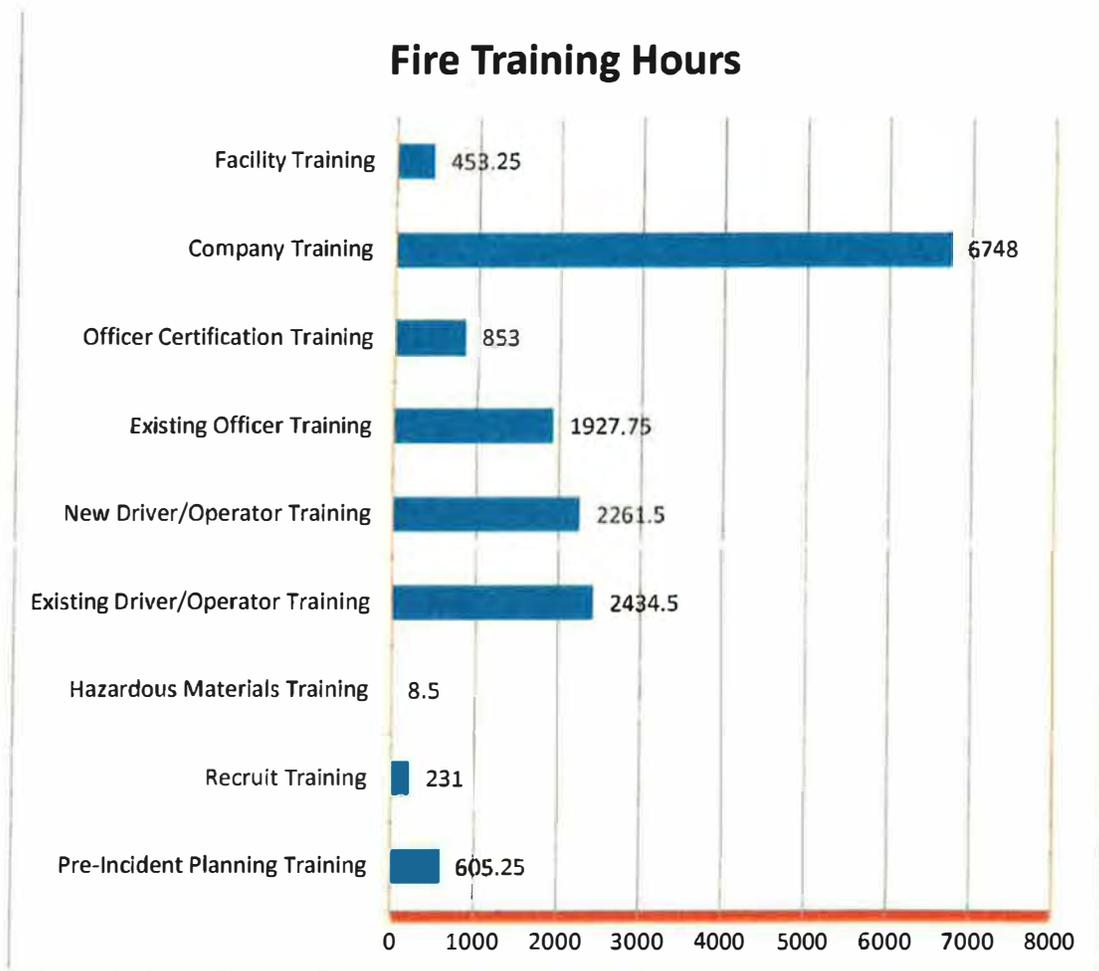
## Fire and EMS Training Report

Captain/Training Officer Derek Roux

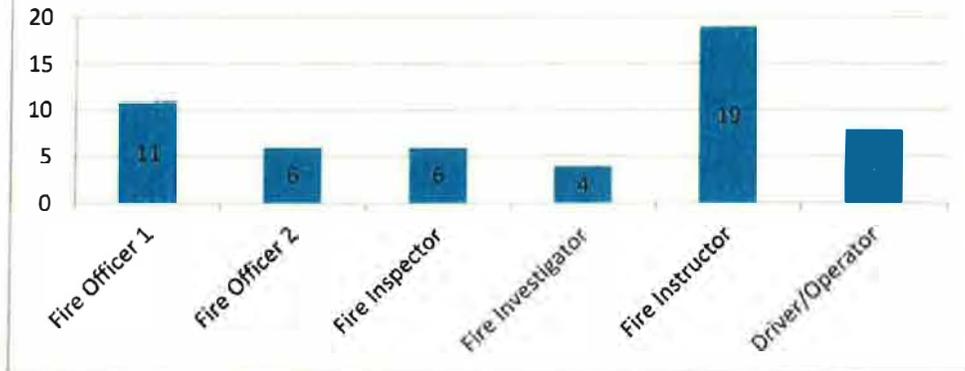
Captain/EMS Officer Gary Kreitler

Our on-duty personnel participate in training on a daily basis. Firefighter safety, rapid entry teams, "mayday" for Firefighters, rope rescue, building construction, vehicle extrication and annual Driver's Courses are among many of the types of training that we participate in. In 2015, each Firefighter averaged 226 hours of job-related fire training for a total of 7,258.5 hours which is a 608 total hour increase over 2014.

Each Shift is required to train on a continuing basis as each Captain has required monthly training evolutions they must complete. Proper training of all types can be the difference between life and death for fire and rescue crews so our training never stops.



## Personnel With Missouri Division of Fire Safety Certifications

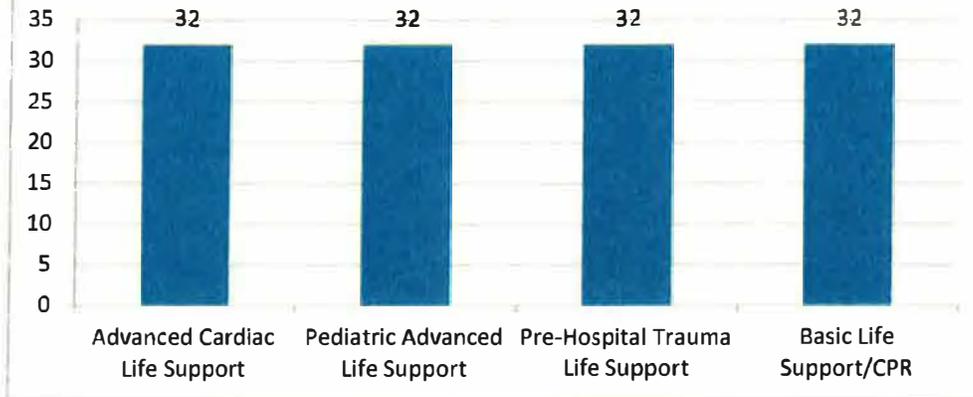


In addition to our ongoing fire training, all fire department paramedics are required to attend regular EMS continuing education classes in order to maintain their paramedic licenses. The State of Missouri Bureau of EMS requires 144 hours of continuing education hours every five years.

The Ladue Fire Department's paramedics regularly attend in-house classes in addition to continuing education classes presented by hospitals and other EMS training sites. In 2014, all of our personnel participated in a Pediatric Advanced Life Support (PALS) class that was held in-house. In 2015, the entire department participated in a Pre-Hospital Trauma Life Support (PHTLS) certification course.

Since 2013, Mercy Hospital has been the Medical Control for the Ladue Fire Department. Dr. John Wilmas is our Medical Director.

## Paramedic Certifications (32 Personnel)



December 2015 Flood



B-Shift surveying the flood affected areas.



Several houses on Deerfield Terrace were inaccessible due to the high water.



Crews conducting wellness checks along Litzsinger Lane.



Lieutenant Mike Rose and Firefighter Derek Owen checking on the high water areas.



Several areas in the south east corridor of Ladue were impacted by significantly high flood water.



The picture on the right shows flooding in Tillis Park at Litzsinger Rd.