

# **Annual Report of the Quincy Fire Department**



**Fiscal Year  
2016-2017**

*The Quincy Fire Department  
Committed to the protection of lives, homes and properties*

## **Introduction**

To the Citizens of Quincy:

It is my pleasure to present the Annual Report of the Quincy Fire Department for Fiscal Year 2016-2017. This particular year saw many positive things happen within the department. Most notably was the re-opening of Station #6. The vote of the City Council to re-open the station had a significant impact on the ability of the Quincy Fire Department to respond to emergencies in a much more efficient manner. One only has to look at the response times contained within the report to see evidence of that.

Another positive event that took place was the hiring of three firefighters. The department had not hired a new firefighter since August of 2012. It is always great to see fresh faces added to the membership roles!

Also, this year, the Quincy Fire Department and the Tri-Township Fire Department formalized an automatic aid agreement that sees our department responding to reported structure fires in the Tri-Township District that fall within five miles of one of our stations. In return, the Tri-Township Fire Department now responds to reported structure fires in the Quincy Fire Department's Engine #3 response district. This mutually beneficial program will do much to increase firefighter safety and reduce fire loss in the areas that are directly impacted.

On a sad note, we had to bid farewell to our beloved fire department chaplain, Brother Ed Arambasich. Brother Ed was a fixture around the department for many years but the time had come where the Franciscan order needed him elsewhere. While he is no longer living in Quincy, he is not too far away in his new home in Joliet. He still makes it a point to stop by on a regular basis and help with events in Quincy when he can.

Please feel free to contact me personally should you have any questions about what is contained within this report. As always, the Quincy Fire Department remains committed to serving!

Sincerely,



Joe Henning  
Fire Chief



*The Quincy Fire Department  
Committed to the protection of lives, homes and properties*

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**Index**

Introduction..... Page 2  
Index..... Page 3  
Response Totals.....Page 4  
Responses Per Engine Company..... Page 4  
Structure Fires..... Page 5  
Structure Fire Causes..... Page 5  
Emergency Medical Dispatch Responses..... Page 6  
Fire Casualty Report..... Page 7  
Fire Protection: Cost vs. Benefit..... Page 7  
Responses by District.....Page 8  
Response Times by District..... Page 8  
2016-2017 Budget.....Page 9  
Public Education..... Page 10  
Inspection and Code Enforcement..... Page 11  
Fire Investigation.....Page 11  
Training Division Report..... Pages 12 & 13  
Rehabilitation Team..... Page 14  
Employees of the Month..... Page 15  
Crews of the Month..... Page 16 & 17  
Special Recognitions.....Page 18  
Retirements.....Page 18  
New Employees.....Page 19

## Fire Department Response

The Quincy Fire Department responded to 126 more incidents in this fiscal year compared to the last. Generally speaking, the department is up in all but three areas in response numbers. The greatest areas of growth were in EMS/Rescue, Service Calls and Good Intent/False Calls. This is due to the ever increasing demands for medical service as our population ages, as well as, a spike in well-intentioned calls to 9-1-1.

### Response Totals

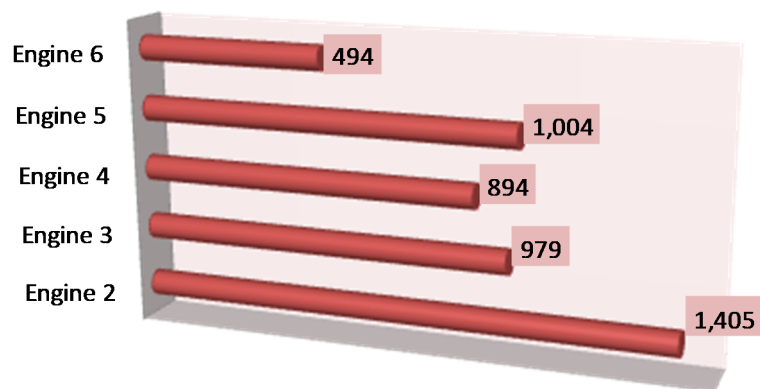
Situation Found	2015-2016	% of Total	2016-2017	% of Total2
Structure Fires	73	1.73%	73	1.68%
Vehicle Fires	27	0.64%	23	0.53%
Other Fires	101	2.39%	86	1.98%
EMS/Rescue Calls	2457	58.13%	2607	59.89%
Hazardous Materials	67	1.59%	79	1.81%
Dangerous Conditions	253	5.99%	148	3.40%
Service Calls	444	10.50%	498	11.44%
Good Intent/False Calls	805	19.04%	839	19.27%
<b>Total</b>	<b>4,227</b>	<b>100.00%</b>	<b>4,353</b>	<b>100.00%</b>

Engine Company #2 continues to see the largest number of responses of the five engine companies. This is due to two reasons. One, District #2 encompasses one of the oldest sections of town (more prone to fires) and two, Engine Company #2 responds to general alarm assignments on a city-wide basis. Calls for service were down for Engines 3, 4 and 5 as Station #6 was reopened in July of 2016. This allowed for calls to be more evenly distributed among the sections of town served by the various Engine Companies.

#### Engine Company Locations

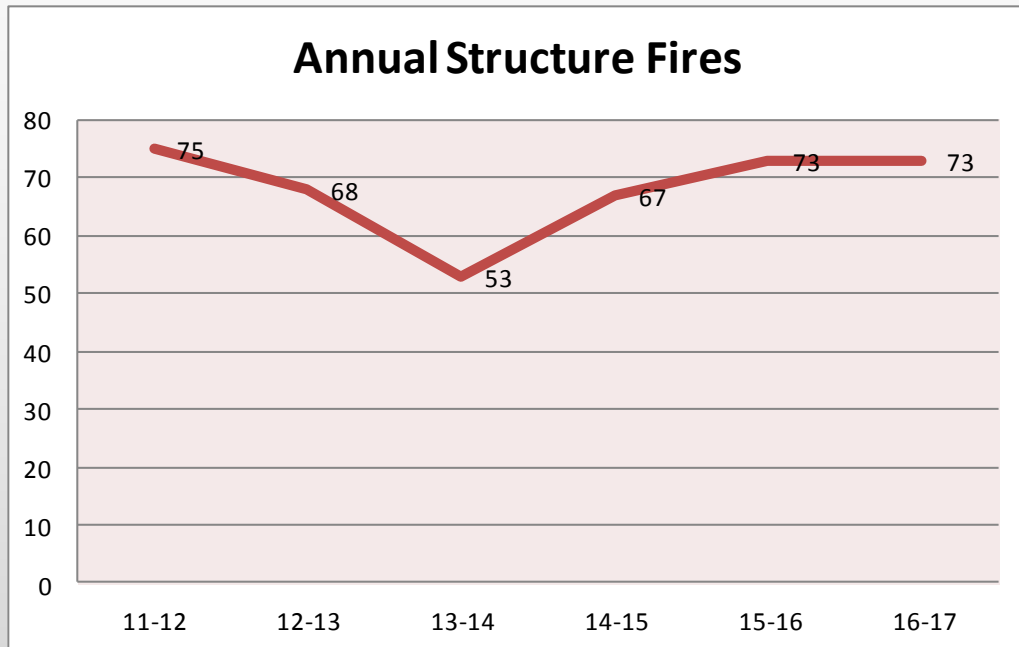
- E2—9th & Vermont
- E3—36th & Maine
- E4—11th & Locust
- E5—12th & Jackson
- E6—24th & Cedar

### Responses per Engine Company

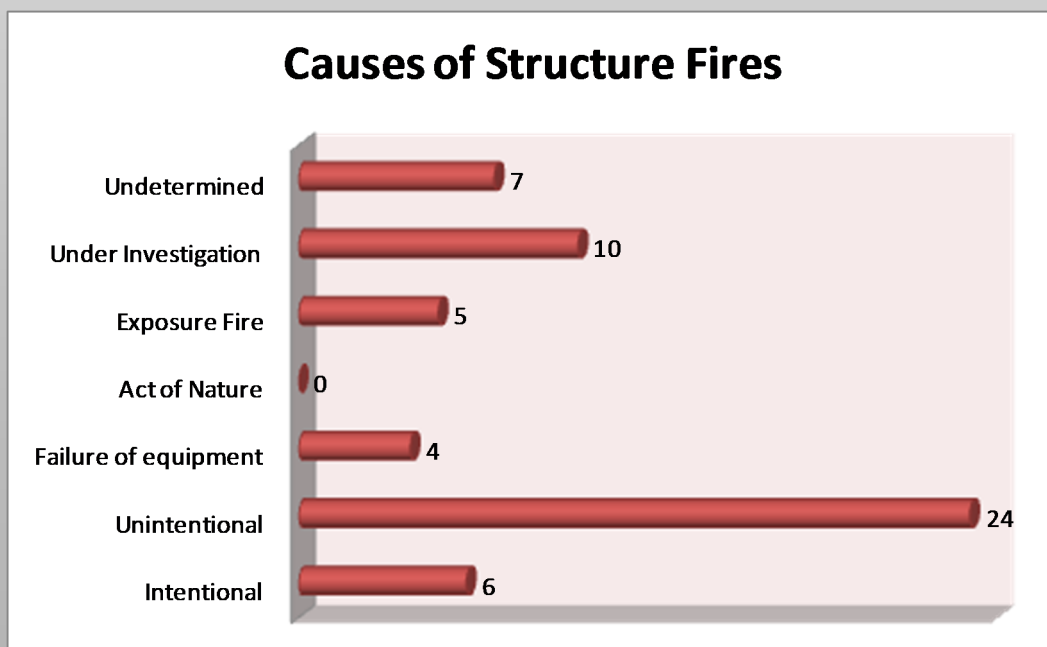


## Structure Fires

This year saw a leveling off in the number of structure fires after a three year trend of increasing numbers. The department continues to work to educate the public on ways to prevent unintentional fires through the public education efforts of our service officer program.

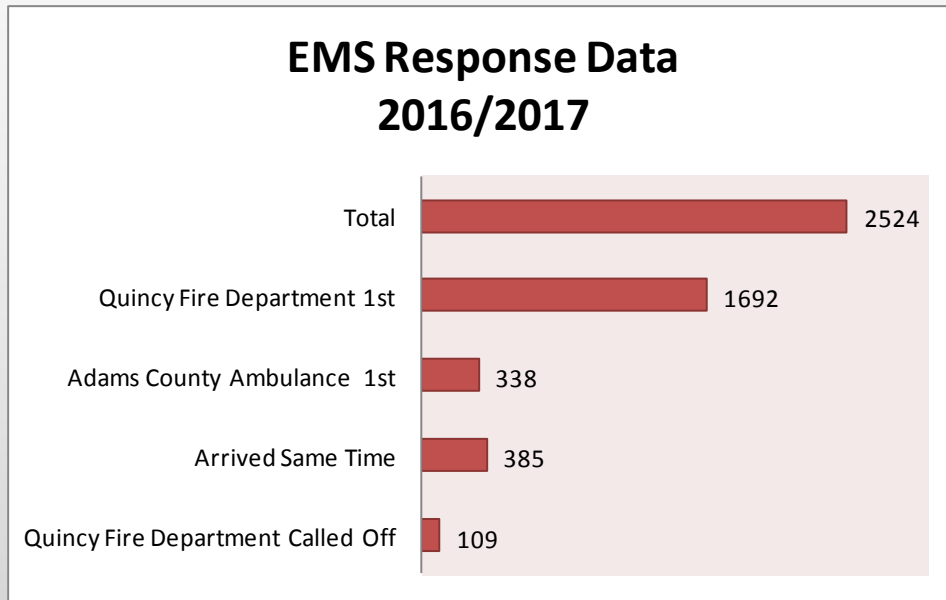


The chart below provides the causes for the structure fires that occurred within the fiscal year. As in past years, the majority of the fires were unintentional in nature.

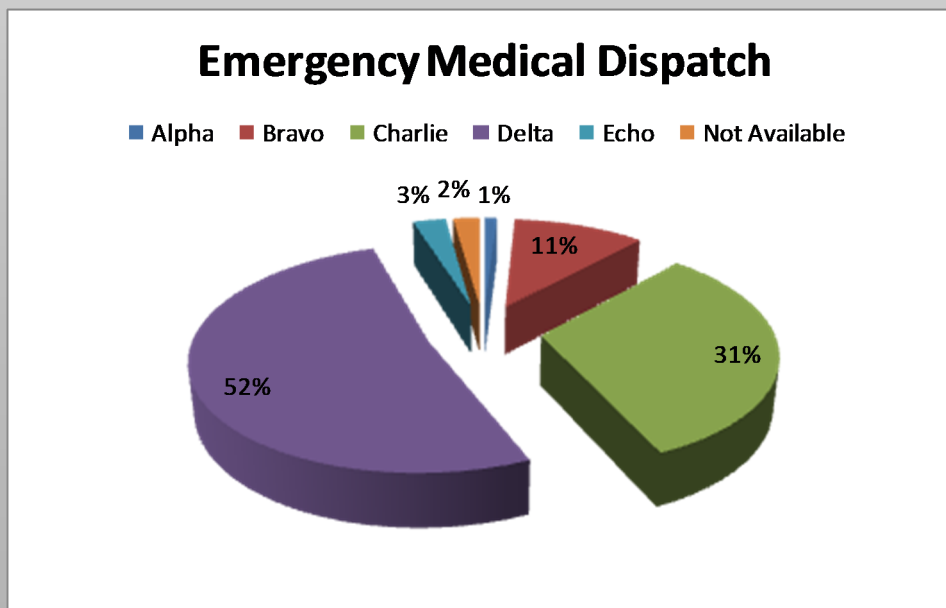


## Emergency Medical Services

Emergency medical responses are again our highest percentage of responses. 59.89% of all QFD responses are to incidents which are medical in nature. EMS responses were up by 150 over last year's figure. The EMS Dual Response program continues to prove it's worth in terms of value added service for the citizens of Quincy. In 82.3% of all emergency medical calls the department responds to, crews arrive either ahead of, or at the same time as, the ambulance crews. This allows for citizens to receive timely, professional care in their times of greatest need.

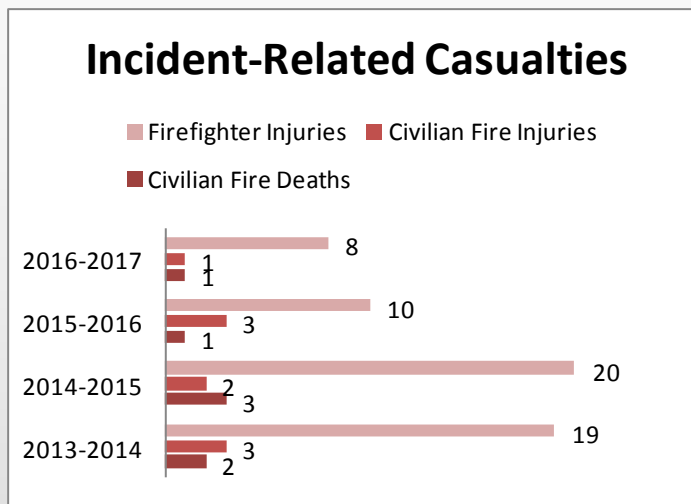


The following chart details how the responses for the past year were broken down. By policy, the department is typically only dispatched on any incident that is deemed to be a "Charlie" level of response or greater. There are some very specific "Bravo" level calls that we respond to as well but they are limited in number.



## Incident Related Casualties

This past year saw the loss of one life in a fire related event and one civilian injury. Additionally, the department saw another decrease in incident related injuries. This is directly related to continued efforts to try and make fire ground operations safer for the firefighters. Work will continue to reduce injuries wherever possible.



### Dollars Responded To, Saved and Lost

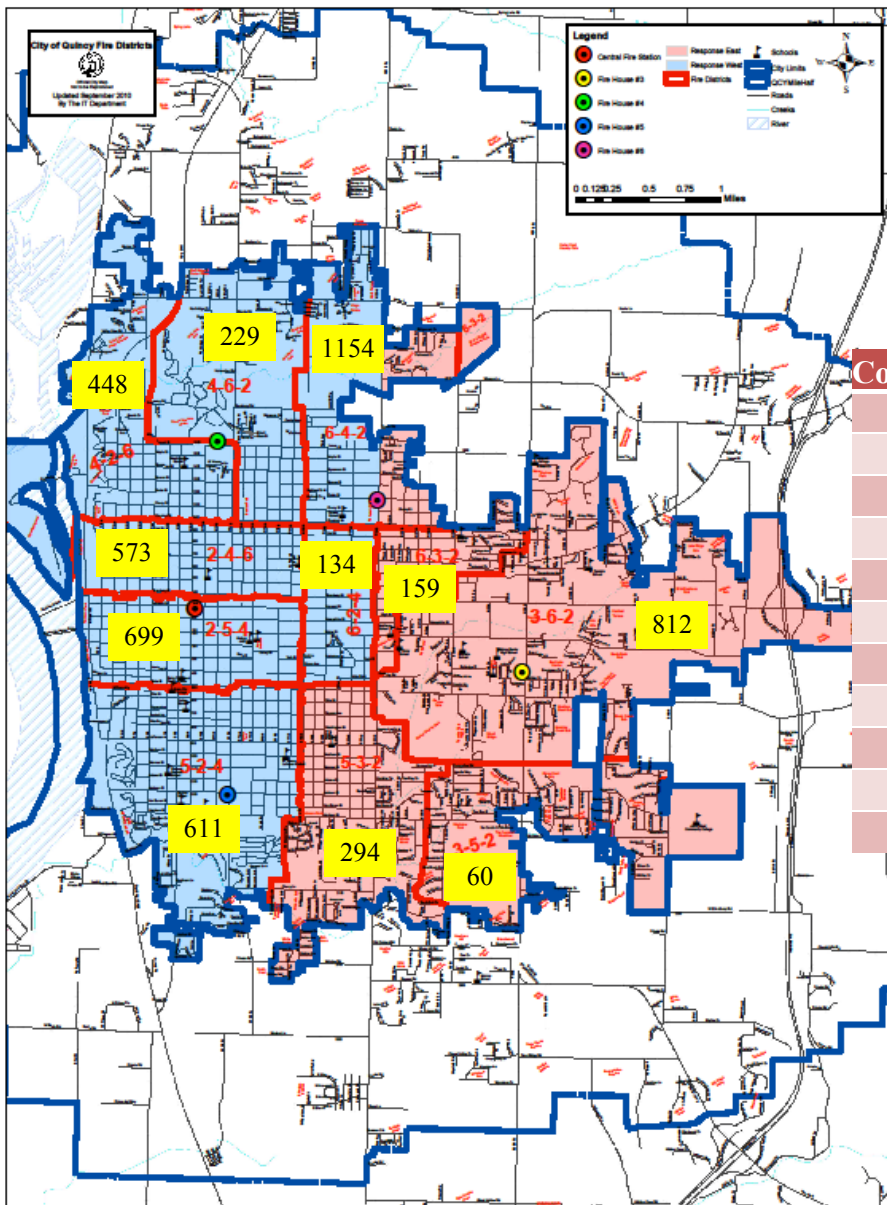
The chart below details how the dollars that are spent on fire protection and suppression translate into dollars saved or lost. This past year saw a significant decrease in the dollar value of fires responded to. This in turn has lowered the value, in terms of dollars saved, of the property saved. The department did see an increase in property lost due to some larger scale incidents. Some high-value buildings with structure fires, where we were able to quickly contain the fire and limit fire loss were:

- 611 Country Club Heights
- 300 Gardner Expressway (Eagles Nest Hotel)
- 2407 Maine (apartment building)
- 1707 North 12th (Illinois Veterans Home, Andrew Infirmary)
- 101 North 4th (Lincoln-Douglas Apts.)
- 205 S. 24th (Chaddock, Leathers Hall)
- 2304 N 24th (Marlboro Wire)

	2015-2016	2016-2017	Change
Value of Property Responded To	\$ 81,584,117.00	\$ 26,329,745.00	\$ (55,254,372.00)
Property Lost	\$ 1,524,439.00	\$ 3,017,323.00	\$ 1,492,884.00
Property Saved	\$ 80,059,678.00	\$ 23,312,422.00	\$ (56,747,256.00)



## Responses by District



**Response Times  
by District**

Column1	2015-2016	2016-2017
2-4-6	3:46	3:44
2-5-4	3:55	3:45
3-5-2	5:21	5:23
3-6-2	4:15	4:00
4-2-6	3:40	3:19
4-6-2	3:58	3:39
5-2-4	3:42	3:32
5-3-2	4:12	4:22
6-2-4	4:54	3:57
6-3-2	4:41	3:53
6-4-2	4:15	3:30

On this page are the response totals and average response times by district. The City of Quincy is divided into eleven response districts. These are separated by the red lines on the map and the district number is indicated in red lettering. The first digit of the district number indicates the primary engine company to respond. The succeeding two digits represent the additional engine companies that would respond on general alarm assignments. The numbers in the yellow boxes represent the total number of alarms responded to within each response district.

This year saw the reopening of Station #6. A look at the average response times shows that response times decreased in all but two response districts (shaded in red). This is directly related to having a fifth engine company back in service. The two districts with increased times are in the extreme southern parts of the City where growth continues to contribute to this trend.<sup>8</sup>





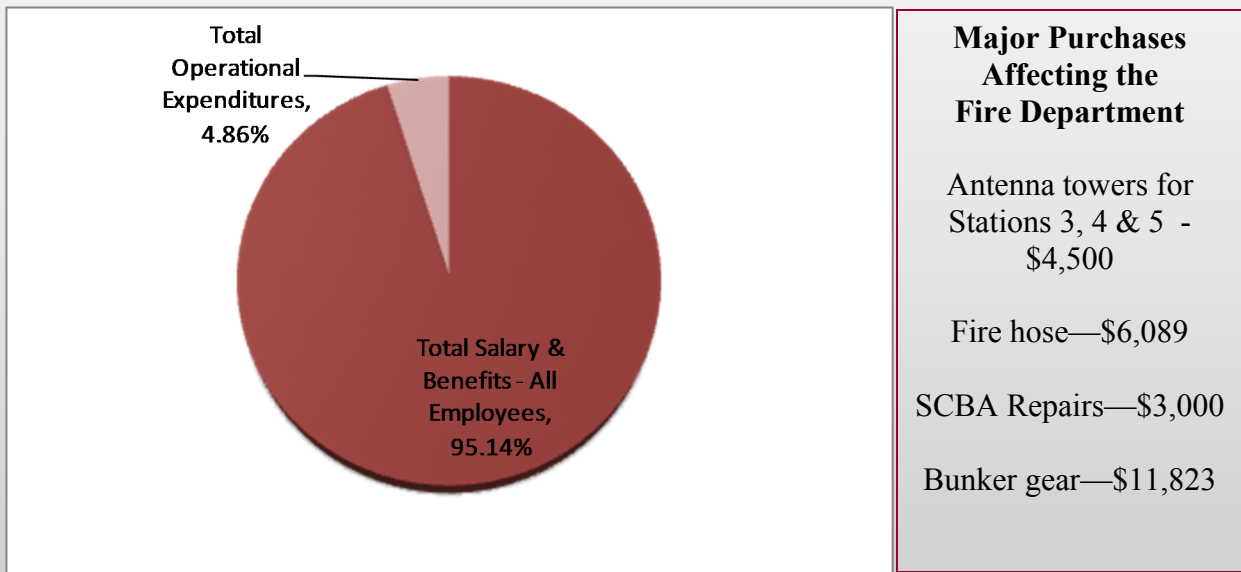
*The Quincy Fire Department  
Committed to the protection of lives, homes and properties*

## 2016-2017 Budget

Last year the Quincy Fire Department ended up spending \$9,093,304 out of the approved 2016-2017 budget of \$9,232,732. This represents the use of 98.49% of the funds allocated for the year.

The department staffing level increased back to 60 sworn personnel. This allowed the department to reopen Station #6 in July of 2016 and return to a five station delivery model. The return of Station #6 had a positive impact on response times City-wide.

### 2015-2016 Labor Costs



#### Major Purchases Affecting the Fire Department

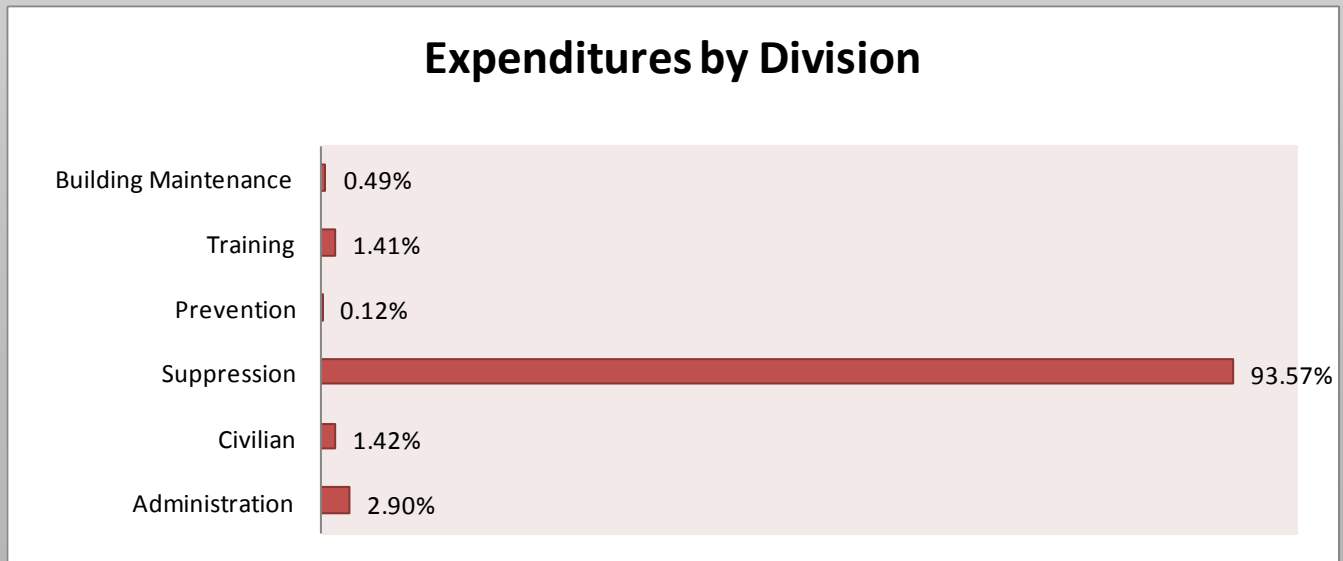
Antenna towers for Stations 3, 4 & 5 - \$4,500

Fire hose—\$6,089

SCBA Repairs—\$3,000

Bunker gear—\$11,823

### Expenditures by Division



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## Public Education

*The Quincy Fire Department continues to provide multiple opportunities for public education both within the classroom, and in the public. The chart below details the various events that the fire department participated in over the last year in an effort to take the message of fire safety to the residents it protects.*

Event Type	Event Count	Children	Adults
Children's Safety House	38	1250	74
Fire Extinguisher Demonstration	13	0	279
Fire Safety Presentation	12	327	131
Fire Truck Visit	32	1856	1066
Health/Safety Fair	7	997	182
Station Tour	25	567	149
Other	2	320	256

## Other Programs

### Smoke Detector Installations

The Quincy Fire Department partnered with the Red Cross for the third year to provide free smoke detectors, and install them, for anyone requesting them at no charge. In this past fiscal year there were 146 household visits in which a total of 351 smoke detectors were installed. Additionally, 16 specialized alarms were installed for hearing impaired individuals that work with smoke detectors to vibrate the bed and awake someone that does not have the ability to hear a smoke alarm.

The two organizations also conducted a special smoke detector rally on April 8th where community partners worked together to do a smoke detector blitz in an area bounded by 12th to 18th streets, Maine to Harrison. On that day, an additional 175 detectors were installed. Quincy Fire Crews made up a large portion of the installers that day.

### Citizen's Fire Academy

The Quincy Fire Department's Citizen's Fire Academy educated 6 new citizen's in areas such as the use of self-contained breathing apparatus, auto-extrication, rappelling and fire behavior.

### Child Safety Seat Installation

The Quincy Fire Department participated in a total of 11 scheduled child safety seat installation events. At these events a total of 51 car seats were installed. Additionally, we continue to provide "drop-in" service to parents that do not have the opportunity to attend our scheduled events. We assisted in the installation of a total of 160 car seats this past year.



## Inspection and Code Enforcement

The Quincy Fire Department remains committed to the belief that the most efficient way to fight a fire is to prevent it from happening to begin with. The in-service inspection program allows on-duty firefighters to perform walk-through inspections of businesses in an effort to keep the businesses more safe.

Activities	2015-2016	2016-2017
Number of Inspections	1092	1086
Number of Violations	759	703
Burn Permits Issued	41	22
Demolition Sites Inspected	19	20
Liquor License Inspections	114	126
Live Entertainment Licenses	25	26
Special Inspections	49	24

## Fire Investigation

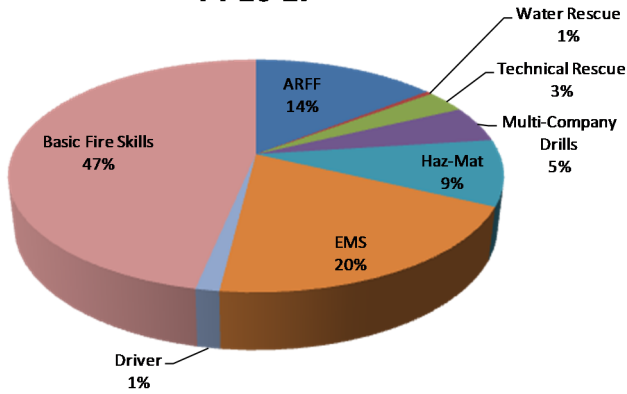
The Quincy Fire Department completed 32 investigation reports during the fiscal year 2016-2017. Some of the building fires were obvious in nature and did not require an investigation report. Four of the building fires were exposures damaged from the main building fire and QFD responded to 7 building fires within the TTFD jurisdiction. Five building fires were due to fires on a porch with 2 occurring from smoking material, one from a grill, one from oily rags and one due to electrical wiring. The mobile home fire was due to persons welding on the frame. One building fire was due to an initial chimney fire.

The QFD investigation reports included 11 due to electrical, 6 were incendiary in nature (accidental or purposeful), 2 were from juveniles playing with a lighter, 2 were from smoking materials, 1 from a dumpster fire that led to a building fire and 9 were undetermined but still under investigation (either due to heavy damage or lack of positive identifying factors). In addition, 1 report was completed for a set passenger vehicle fire.

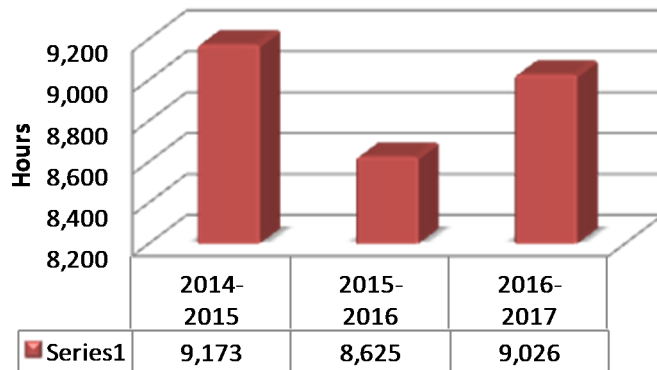


## Training Division

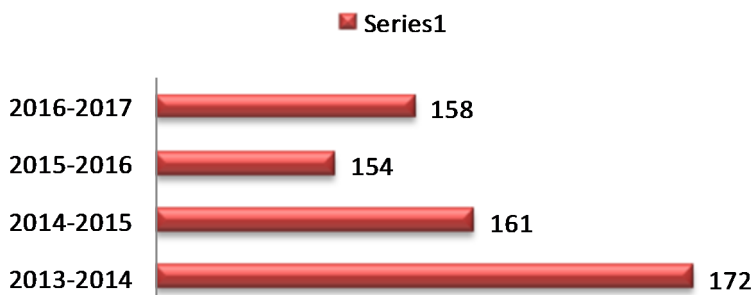
**Training Hours by Category  
FY 16-17**



**Total Hours Trained by Year**



**Average Hours Trained by  
Firefighter**



## Training Division Continued

### Educational Achievements

#### ***Fire Service Vehicle Operator***

*Deon Baker  
Zelton Crose  
Mike Dade  
Adam Huckey  
Ryan Kamphaus*

#### ***Juvenile Fire Setter Intervention Specialist***

*Ryan Kamphaus*

#### ***Technical Rescue Awareness***

*Zelton Crose*

#### ***Fire Officer I***

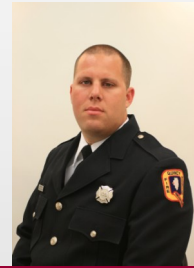
*Ryan Kamphaus*



Firefighter  
Deon Baker



Firefighter  
Mike Dade



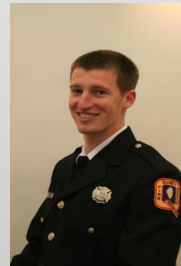
Firefighter  
Ryan Kamphaus

#### ***Instructor II***

*Deon Baker  
Mike Dade*

#### ***AAS Fire Science***

*Jerry Mast*



Firefighter  
Zelton Crose



Firefighter  
Paul Mason

#### ***Advanced Technician Firefighter***

*Deon Baker  
Zelton Crose  
Mike Dade  
Paul Mason  
Adam Huckey*

#### ***Vehicle & Machinery Operations***

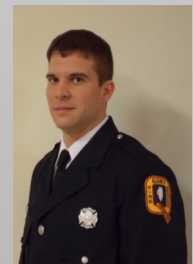
*Zelton Crose  
Adam Huckey  
Ryan Willingham*



Firefighter  
Adam Huckey



Firefighter  
Jerry Mast



Firefighter  
Ryan Willingham

#### ***ICS 200***

*Adam Huckey  
Paul Mason*

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## Rehabilitation Team

Business owners know there's nothing that can eat up a budget faster than the cost of employee Workers Compensation Insurance. The cost of accidents and the associated medical costs continue to spiral upward every year. Four years ago the Rehab Team concept was initiated to help cut these costs.. The fire department appealed to the community to start an all volunteer rehabilitation team to care for fire fighters at fire scenes.

Once the team is on scene, the rehabilitation process includes setting up chairs for rest and rehydration of lost bodily fluids for active firefighters. In warm weather, it also includes setting up misting fans which blow a cool wet mist to lower body temperatures, and during cold weather, there are tents set up to move personnel from extreme elements. The process may also include basic life support by checking vital signs and summoning ambulance personnel, as necessary.

Members attend quarterly training sessions on use of equipment and for changes in their operating procedures.

This past year the Quincy Fire Department expanded their service into automatic response with the Tri-Township Fire Department. The Rehab Team agreed to respond with Quincy Fire Department outside the city as well. In addition, they agreed to take calls from Tri-Township in the same manner that they do for Quincy. Tri-Township supplied them with maps so that they can find locations outside the city.



The team has also done training with Tri-Township since county fire department operations are different from those inside the City of Quincy.

Since the Rehab Team is an all volunteer unit, it has no budget and doesn't cost the city taxpayers for their service. Blue Cross/Blue Shield donated money for them to buy a slide-out tray for their response truck so they can unload their equipment easier. One of the members of the unit solicited money from his company to obtain a second misting fan.

The members of this unit are all volunteers and are on call 24/7, on the same shift schedule as their fire department counterparts. They are totally committed to the safety and health of the firefighters to reduce workers comp costs for city taxpayers.



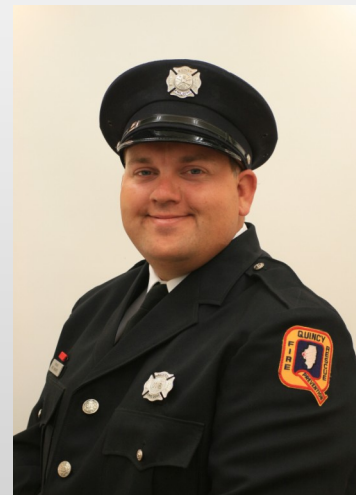
## Awards and Achievements

### Employee of the Month Recipients

*The purpose of the Employee of the Month program is to give recognition to individual employees of the department who exhibit exceptional qualities in the performance of their duties and/or in their private lives. The award is not limited to employees who perform some extraordinary act which is deserving of their recognition. The Employee of the Month program is designed to afford the Quincy Fire Department a means to honor deserving employees who are nominated and selected by the popular vote of fellow employees. Honorees are presented with a recognition certificate and a service ribbon for their Dress Uniform as seen below:*



*Firefighter Corey Goehl  
July 2016*



*Firefighter Matt Hinkamper  
August 2016*



*Firefighter Jerry Smith  
January 2017*



*Firefighter Deon Baker  
April 2017*

## **Awards and Achievements Continued**

### **Crew of the Month Recipients**

*The purpose of the Crew of the Month program is to give recognition to groups of employees of the department who exhibit exceptional qualities in the performance of their duties and/or in their private lives. The award is not limited to employees who perform some extraordinary act which is deserving of their recognition. The Crew of the Month program is designed to afford the Quincy Fire Department a means to honor deserving employees, as a unit, who are nominated and selected by the popular vote of fellow employees. Honorees are presented with a recognition certificate and a service ribbon for their Dress Uniform as seen below:*



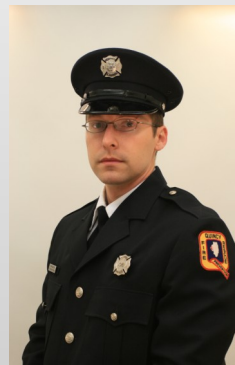
*June 2016*



*Lieutenant  
Shawn Henson*



*Firefighter  
Rich Peters*



*Firefighter  
Steven Peters*



*Firefighter  
Cole Miller*

*September 2016*



*Lieutenant  
Scott Lucey*



*Firefighter  
Mike Lantz*



*Firefighter  
Rich Peters*

## Awards and Achievements Continued

### Crew of the Month Recipients

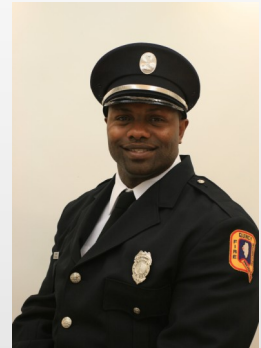
*October 2016*



*Firefighter  
Mike Dade*



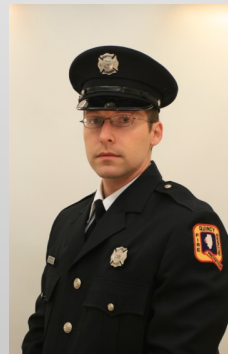
*Lieutenant  
Dennis Behl*



*Lieutenant  
Demond Dade*



*Captain  
Eric Smith*



*Firefighter  
Steven Peters*

## Awards and Achievements Continued

### Special Recognitions



*Lieutenant Scott Lucey  
Quincy Fire Department  
2016 Leadership Award*



*Lieutenant Chris Richsel  
Quincy Fire Department  
2016 Firefighter of the Year*



*Lieutenant Scott Lucey  
Quincy Exchange Club  
2016 Firefighter of the Year*

### Retirements



*Firefighter  
Jeff Duesterhaus*

## Awards and Achievements Continued

### New Hires



*Firefighter  
Michael Lucchetti*



*Firefighter  
Paul Mason*



*Firefighter  
Adam Huckey*