

# CITY OF FENTON FIRE DEPARTMENT



2015

## Annual Report

### Mission Statement:

*“To protect life and property of the people of our community with the highest quality of service possible.”*

# 2015 Annual Report

TO: LYNN MARKLAND, CITY MANAGER

## YEAR IN REVIEW

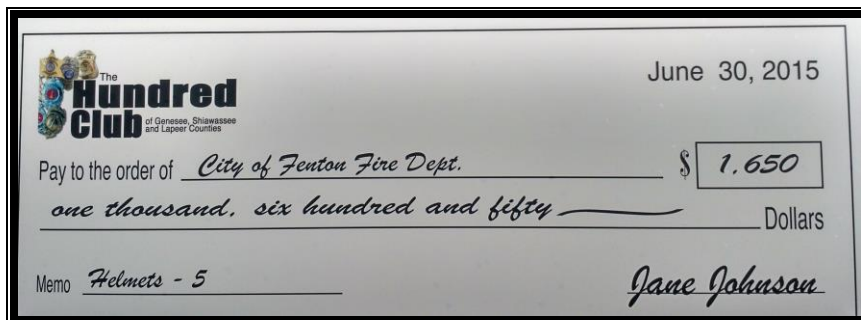
The Department responded to a total of 432 incidents in 2015, compared to 499 in 2014. That is a decrease of 13%. The 432 incidents in 2015 was the lowest yearly total since 1997. We averaged 36 incidents per month. There were 331 incidents in the City (a decrease of 44 incidents compared to 2014), and 101 in Tyrone Township (a decrease of 23 incidents compared to 2014). Tyrone Township in return paid the City approximately \$141,000 for fire services in 2015. We also collected over \$29,000 utilizing our cost recovery ordinance. The average response time to all types of incidents in the City was 7.12 minutes and 8.85 minutes in Tyrone Township. Estimated property fire losses in 2015 amounted to approximately \$869,350 with \$861,850 being lost in the City and \$7,500 lost in Tyrone Township.

## Highlights of 2015 include:

On March 9<sup>th</sup> of 2015 the fire department celebrated its 140<sup>th</sup> anniversary. The Fenton Hook and Ladder Company #1 was formed on March 9, 1875. The fire department was established as a result of some devastating fires in town and our department has been here ever since with the same goal, working to minimize or prevent fires in our community. The times, people, and equipment have surely changed, but the purpose remains the same.

In the spring of 2015 we worked with the Fenton Area Public Schools and with the Genesee Intermediate School District on their State required cardiac emergency response drills. The schools are required now to have a team in place and trained on the response to cardiac emergencies in the schools. The fire department assisted with training and conducting real life scenario drills at each of the schools in Fenton.

In June the fire department was awarded a grant of \$1,650 from the Hundred Club of Genesee, Shiawassee, and Lapeer Counties. The grant was through the "Safety Grants" Program. This program purchases safety equipment for police and fire agencies. Our grant request was for the purchase of 5 new structural firefighting helmets.



## Highlights of 2015 continued:

In September the department was able to use the city purchased structure at 206 E. Caroline for training. The department invited neighboring fire departments to participate in a hands on training. We conducted training on the building practicing things such as ventilation, search and rescue, and basement fires. Having our neighboring departments train with us is extremely important. We held a critique afterwards to discuss things we can improve on and how we can help each other at our mutual aid incidents.

Our ladder truck was purchased in 2005 and this meant it turned 10 years old in 2015. Two major things happened with the truck in 2015. The first was that the last installment payment of approximately \$76,000 was made on the loan for the truck. Secondly all 10 tires on the truck had to be replaced. This is a National Fire Protection Association (NFPA) standard that they be replaced after 10 years. This was budgeted for and done at a cost of \$5,400.



2015 was another successful year for our partnership with the City of Linden and STAT EMS. STAT responded to 1,778 EMS calls for service in the city of Fenton with 1,504 of those resulting in transportation to a hospital. STAT averaged 4.87 EMS calls per day in the city from our 911 center in 2015. Their average response time to a life threatening (tier 1) medical emergency was 5 minutes and 29 seconds and 7 minutes and 56 seconds to non-life threatening (tier 2) medical calls.

In October of 2015 the new three year contract with Tyrone Township was approved. Earlier in 2015 Tyrone Township passed their special assessment for another three years to provide for fire services. The fire department assisted Tyrone Township with educating their residents at their public hearings about the assessment. Once the assessment was passed, we worked with Tyrone to develop the new contract.

During the spring of 2015, our fire prevention specialists worked with the Fenton High Schools video production class to produce some fire safety videos. It was a great project for the kids and it helped us with creating videos we can use for public education and to incorporate into our fire prevention programs in the schools. The video production class also did some school news items on our youth explorer program. We were fortunate to get some new students from the high school involved with our explorer program.

In September we assisted with the funeral for fallen Michigan State Police Trooper (MSP) and Fenton resident Chad Wolf. The fire department set up the ladder truck and flew our large flag over Donaldson Drive and assisted with the set up and coverage for EMS units at the school due to the large crowd and high temperatures that day. The MSP Motor Unit called our station home for the day. We brought the over 50 motorcycle unit officers into our station to cool them off and feed them before they had to be back out in the heat for the procession. It was our honor to help in any way we could.



## Highlights of 2015 continued



In September the fire department participated in a few different ceremonies to honor 9/11. We sent a truck and personnel to Flint Memorial Cemetery for the Genesee County Fire Memorial service that was held on September 12<sup>th</sup>. We also had our ladder truck and personnel at the Fenton High School Wounded Warrior game on 9/11. This was on top of our ceremony and remembrance here at the fire station.



In November our truck committee traveled to Nesquehoning Pennsylvania to perform the final inspection of our new rescue/mini-pumper truck. The inspection went well and the truck committee drove the truck home from the factory. The truck committee spent many hours developing the specification for the truck and worked many more hours once the truck was here to get it ready for service. We are very happy with the truck so far and it should serve our community well for the next 20 years.

In June three of our firefighters were featured on ABC12's segment called "My Hometown". The segment featured "Hometown Heroes". Assistant Chief Charlie Koan, Firefighter Al Morea, and Firefighter Dave Williams were all interviewed at the station and at the Fire Hall restaurant. The three were selected because each had over 40 years of service with the fire department.



## Highlights of 2015 continued:

The Fenton Firefighters Charity organization was again busy in our community this year. They held their eighth annual charity golf outing and new this year the charity teamed up with the Fenton Education Foundation for a “Run through the Color and Flames 5K” charity run. This partnership worked well for both organizations. The Charity also held their second annual “Nightmare on Mill Street” event. These three events are the charity organizations main fundraisers. The Firefighter’s Charity helped numerous local people in need and many organizations like the Play like Jackson Foundation, the Food Bank of Eastern Michigan, MDA, the Children’s Hospital of Michigan, the Great Lakes Burn Camp, the Angel Tree program, and for local Thanksgiving food baskets. The membership of the Charity group takes great pride in the work that they do and in their ability to help those in need in our own community.



Nightmare on Mill Street



Run through the Color and Flames 5K

The Fire Department and the Firefighters Association remained very active in our community during 2015. The department provided over 700 hours of community service at different events and activities throughout the city. On top of the community service hours, the department members provided over 90 hours of fire prevention activities to children in the schools and at the station. All of the community service events are voluntary and the firefighters receive no compensation. The department members take great pride in their service and commitment to our community.



“Light it up Blue” for Autism event



Fire prevention tour at the station

Please review the remainder of this annual report. I hope it helps provide you with insight about the fire department and its role within our community.

*Robert Cairnduff*

Fire Chief

# Officers

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**Robert Cairnduff**

**Fire Chief**

(Service Date: 7/1996)

**Edward Hadfield**

**Deputy Chief**

(Service Date: 8/1982)

**Charles Koan**

**Assistant Chief**

(Service Date: 7/1971)

**Captain: Karl Sturgis (Service Date: 1/1983)**

**Captain: Scott Smith (Service Date: 8/1982)**

**Lieutenant: Nick Will (Service Date: 2/1999)**

**Lieutenant: Jeff Shook (Service Date: 1/1995)**

**Lieutenant: Casey Gilbert (Service Date: 11/2001)**

**Chief Engineer: Craig Jensen (Service Date: 7/1981)**

# Firefighters

Name	Service Date	Name	Service Date
Caleb Alderman	9/2013	Kelsey Jones	10/2007
Paul Bond	5/2013	Eric Kanyak	8/2011
Brandon Brown	9/2013	Chris Kelley	8/2011
Frank Carpenter	1/2007	Christopher Letizio	6/2015
Marshall Colley	12/2005	Dustin Lucius	11/2004
Andrew Evans	2/2010	R. Maksymowski	7/2004
Matt Everhard	5/2009	Al Morea	4/1974
Julian Gross	6/2015	Matthew Murray	8/2013
Matthew Hadfield	7/2007	Mikel Peterson	4/1984
Richard Hammill	7/2015	Nick Schulz	11/2001
Ryan Jenema	11/2006	David Siburt	9/2014
Michael Johnson	2/2010	Josh Sturgis	3/2004
		Travis Whitman	4/2012

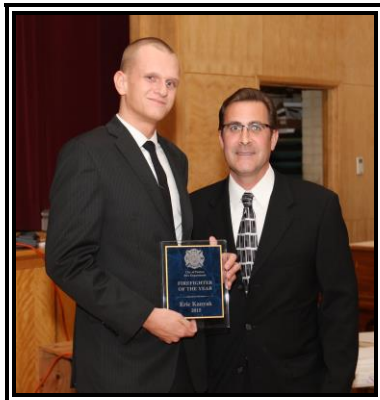
# Fire Department Awards

## Firefighter of the Year

Firefighter Eric Kanyak was chosen as this year's recipient of the Firefighter of the Year award. This award is given annually to a member of the department and is voted on by the entire membership. Eric joined the department in August of 2011. Eric is a certified Firefighter II and is an Emergency Medical Technician (EMT). Eric serves as the Secretary/Treasurer for both the Firefighters Association and the Firefighters Charity. He puts in a lot of his own personal time towards both groups. Eric is always willing to help with projects and is a dedicated firefighter. He was a well deserving recipient of the award.

## Chiefs Award

The Chief's award is given to a person or persons that have gone above and beyond with their service to the department. The award recipient is chosen by the Chief. This year's award was presented to Firefighter Andrew Evans. Andrew joined the department in February of 2010. Since then he has become a very valuable member of the department. During 2015 Andrew contributed numerous extra hours to the fire department and to the Firefighters Charity. Andrew was instrumental in the organizing of the Nightmare on Mill Street event and the entertainment tent for the Run through the Color and Flames 5K. The contributions he made to our fire department and our community was the reason he was selected for the award.



Firefighter of the Year Eric Kanyak (L)  
Is presented his award by President Matt Everhard (R)



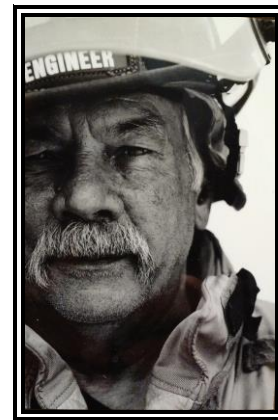
Chiefs Award presented to Firefighter  
Andrew Evans by Chief Cairnduff

## Service Awards

The service awards are presented by the Firefighters Association and are given out in five year increments. This year service awards were handed out to the following personnel:

Firefighter Mike Johnson	5 Years
Firefighter Andrew Evans	5 Years
Firefighter Marshall Colley (Ret.)	10 Years
Lieutenant Jeff Shook	20 Years
Firefighter Pat Hajec (Ret.)	25 Years
Firefighter Dave Williams (Ret.)	40 Years

## Fire Department Awards



Firefighter Dave Williams retired in 2015 after 40 years of service to the City of Fenton Fire Department. A surprise retirement party was thrown for Dave at the station. Dave received recognition from the department, the City, and from the State of Michigan for his service. At the department Christmas party, Dave received his retirement shield that will hang in the station and that retires his bunk number for his 40 years of service.



Firefighter Pat Hajec retired in 2015 as well. Pat had 25 years of service with the department. Pat had a retirement party at the station and at the Christmas party he was presented with his retirement axe for his 25 years of service.

# Fire Prevention

## Education

2015 was another great success for our fire prevention education department. Each year our fire prevention specialists Dustin Lucius and Matt Everhard along with fellow firefighters teach the importance of fire safety to many children in our community.



Our program has reached over 1,600 children this year, ranging in ages from 2 to 12 years old. Our programs reach classes from all 3 public elementary schools, our Ellen Street early childhood development school, St. John’s Catholic School, Fenton Montessori School, local child care facilities, home school groups, mom’s groups, Boy and Girl Scout groups, local safety events and our annual Fire Safety open house.

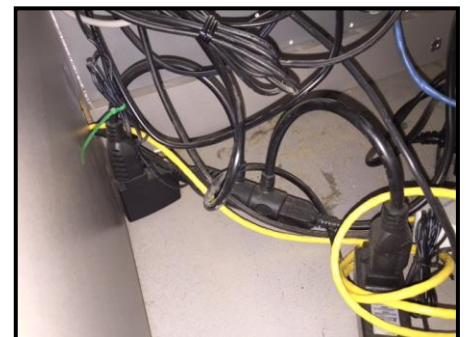
This year our fire prevention specialists teamed up with the Fenton High School video production program. They worked with kids from the school to develop and record video messages about different aspects of fire safety. They continue to work with the school on developing more videos to be used within our fire prevention programs. The videos are displayed on the city website on the fire department page.

Our program is set up to teach children the importance of fire safety. We start with the basics about stop-drop and roll etc., and as the year’s progress and the children return, we teach them something new each year to build on, while also reviewing items from the past years as well. Our program has developed into an example of how our department can effect positive outcomes by interacting with the people of our community. By having an organized and comprehensive program we can educate children at a young age about the dangers of fire.

## Inspections

Our business fire inspection program was very busy in 2015. Our fire inspectors that work our daytime “duty shift” perform inspections Monday through Friday between the hours of 12–5pm. Our inspections are scheduled with the business at least two weeks in advance and they are provided with all the required paperwork as well as a pre-inspection check list that will help them be ready for the inspection.

Our inspectors performed 348 initial inspections and an additional 620 reinspection for follow up on violations found during the initial inspection. The most common violations found continue to be misuse of extension cords and electrical adaptors and the maintenance of emergency lights and emergency exit signs. We work with the business to help reduce the risk of fire and to also make sure it is safe for employees and customers.

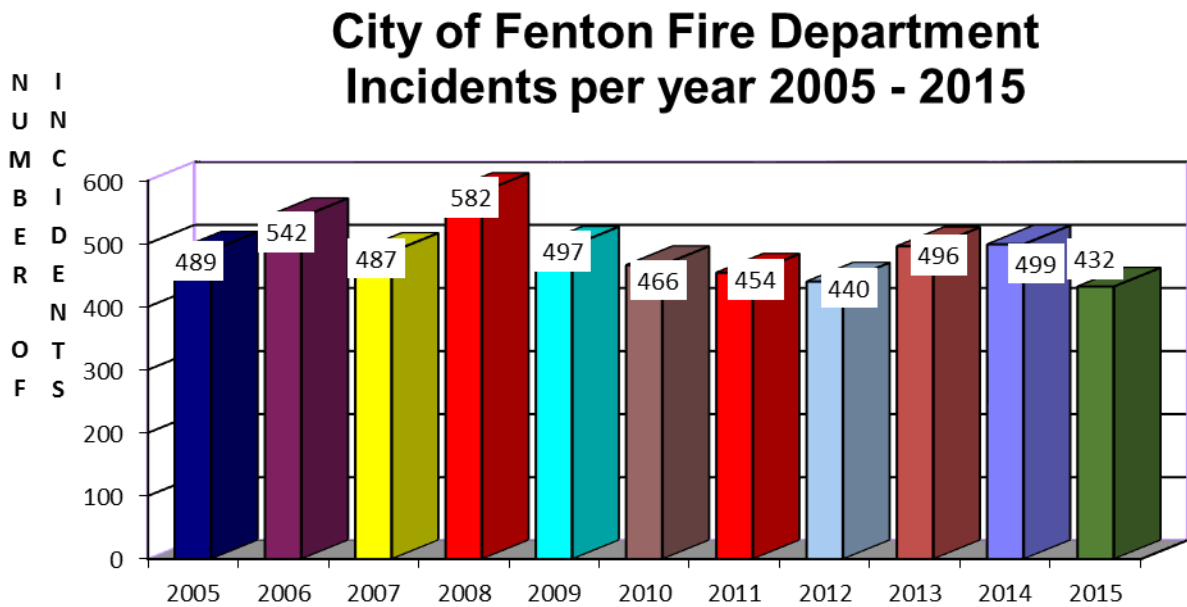


# INCIDENT STATISTICS

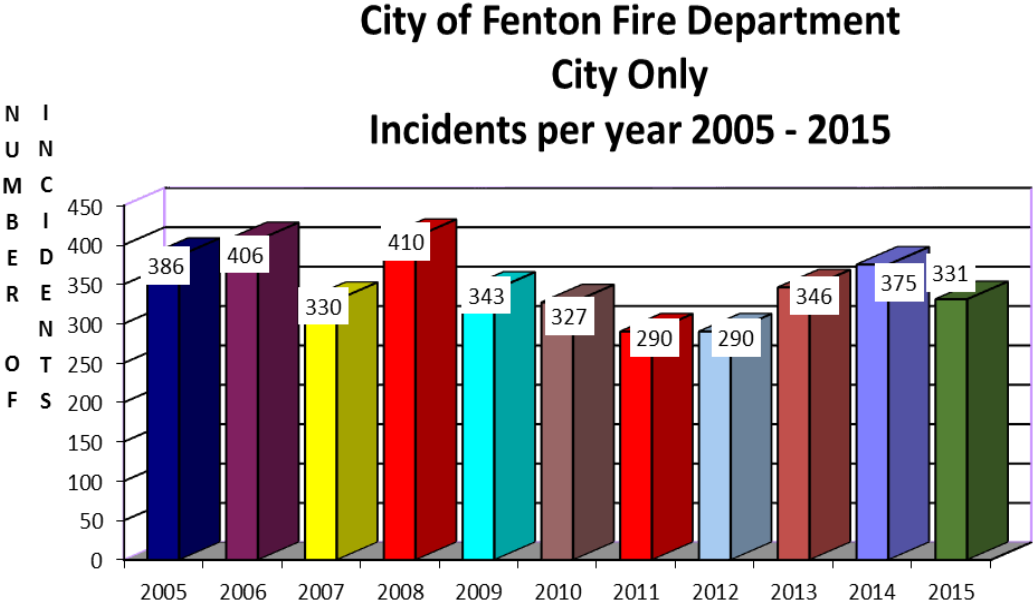
JANUARY 1 – DECEMBER 31, 2015



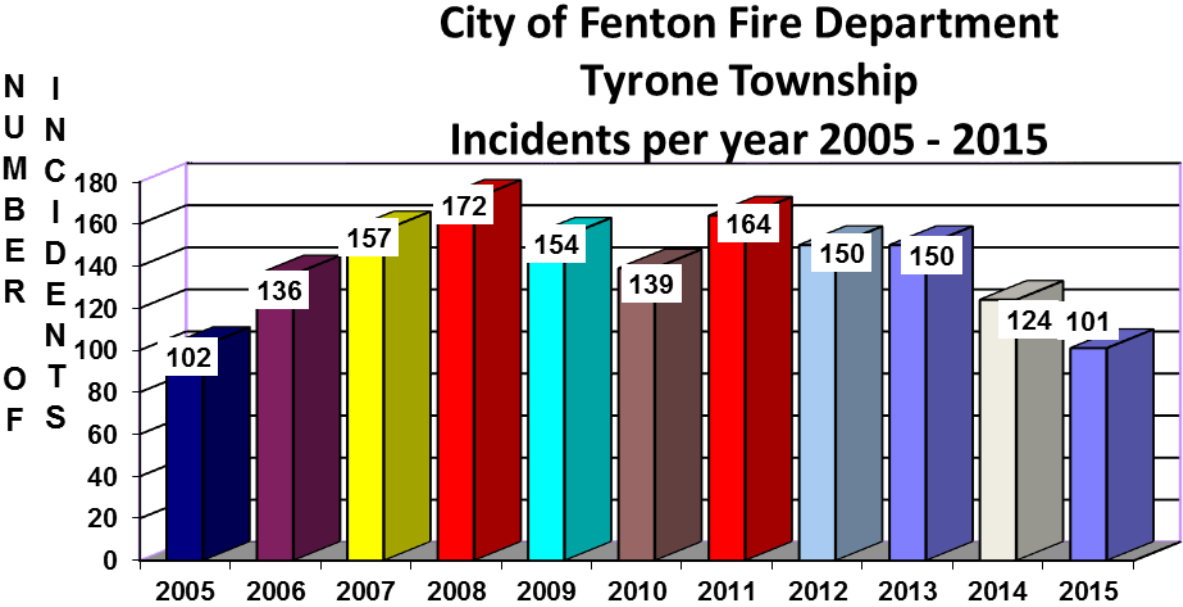
# Number of Incidents Per Year 2005 – 2015 TOTAL INCIDENTS



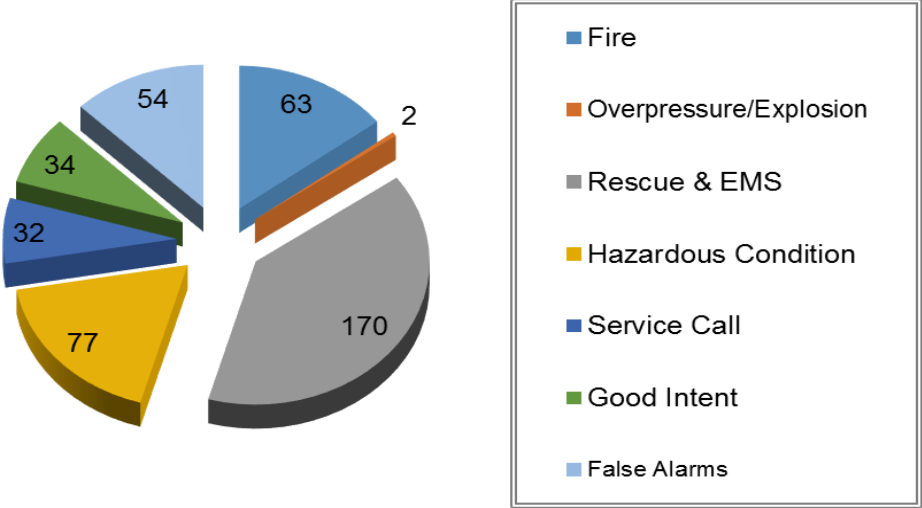
# Number of Incidents Per Year 2005 – 2015 CITY OF FENTON ONLY



# Number of Incidents Per Year 2005 – 2015 TYRONE TOWNSHIP



# Incident Reporting By Type of Incident January 1 – December 31, 2015



**TYPE OF INCIDENT:**

100's Fire	63
200's Overpressure / Explosion	2
300's Rescue & EMS	170
400's Hazardous Condition	77
500's Service Call	32
600's Good Intent	34
700's False Alarm	54

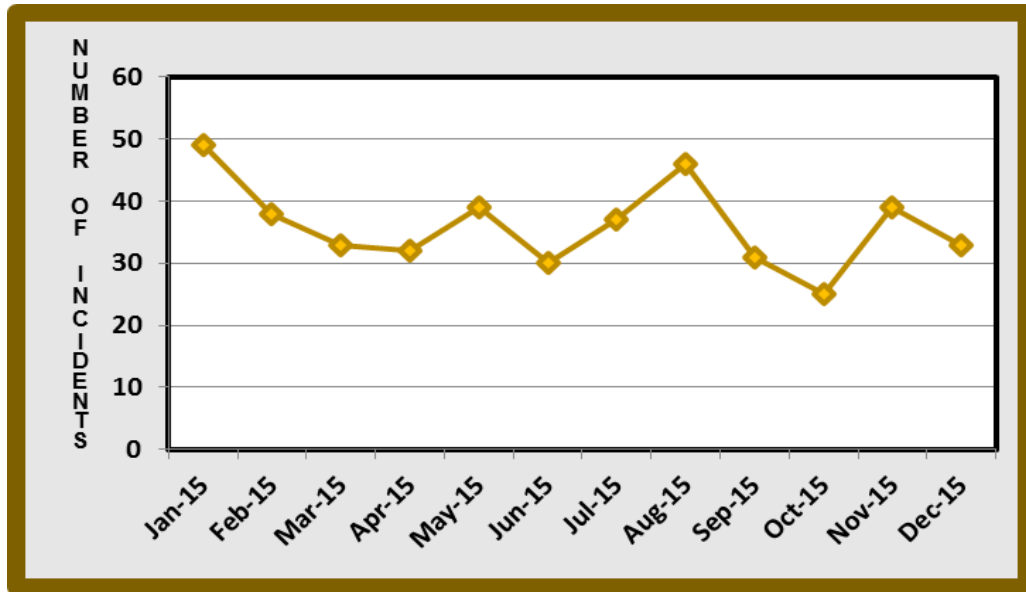
**Total Incidents: 432**

## Incident Report Summary January 1- December 31, 2015

<u>Incident Type</u>		<u>Total Incidents</u>
100	Fire	2
111	Building Fire	14
1111	Mutual Aid Building Fire	15
1112	Mutual Aid Grass Fire	1
112	Fires in structure other than in a building	1
113	Cooking fire, confined to container	2
114	Chimney Fire contained to Chimney or Flue	1
118	Trash or Rubbish Fire, contained	1
131	Passenger Vehicle Fire	7
143	Grass Fire	8
150	Outside rubbish fire, other	1
151	Outside rubbish, trash or waste fire	3
154	Dumpster Fire	6
160	Special outside fire, other	1
200	Overpressure rupture, explosion, overheat	1
240	Explosion (no fire)	1
311	Medical Assist, Assist EMS Crew	7
321	EMS call, excluding vehicle accident with injury	105
322	Motor vehicle accident with injuries	37
323	Motor Vehicle/Pedestrian accident	2
324	Motor Vehicle Accident with no injuries	14
342	Search for person in water	1
352	Extrication of victim(s) from vehicle	3
357	Extrication of victim from machinery	1
400	Hazardous condition, other	1
411	Gas or other flammable liquid spill	3
412	Gas Leak (natural gas or LPG)	3
422	Chemical Spill or leak	1
424	Carbon Monoxide Incident	18
440	Electrical wiring/equipment problem	3
444	Power line down	20
445	Arcing, shorted electrical equipment	5
463	Vehicle accident, general clean-up	23

<b><u>Incident Type</u></b>		<b><u>Total Incidents</u></b>
5311	Smoke/Odor Investigation	28
551	Assist Police or governmental agency	1
561	Unauthorized Burning	3
611	Dispatched and Canceled En Route	27
622	No incident found on arrival at dispatch address	3
652	Steam, vapor, for or dust thought to be smoke	3
671	HazMat Release Investigation with no HazMat	1
743	Smoke Detector Activation, no fire	9
744	Detector Activation, no fire	1
745	Alarm System Activation, no fire, unintentional	44
<b>TOTAL NUMBER OF INCIDENTS:</b>		<b>432</b>

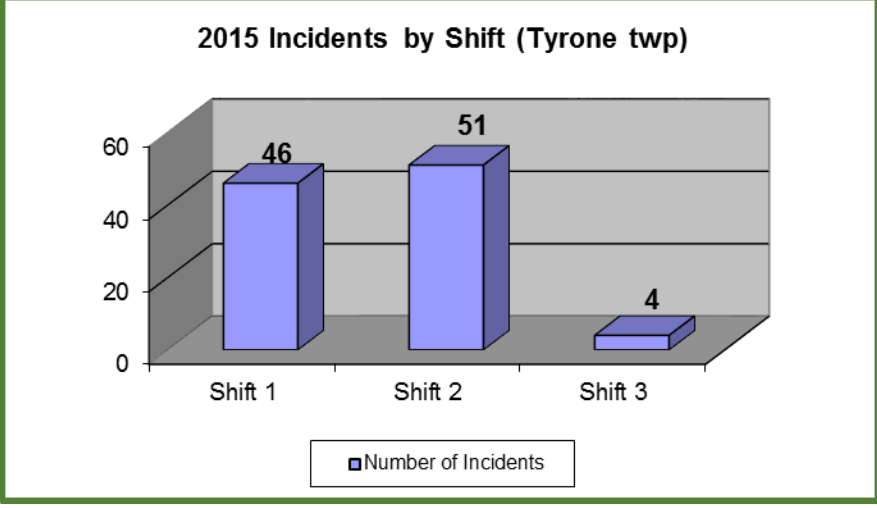
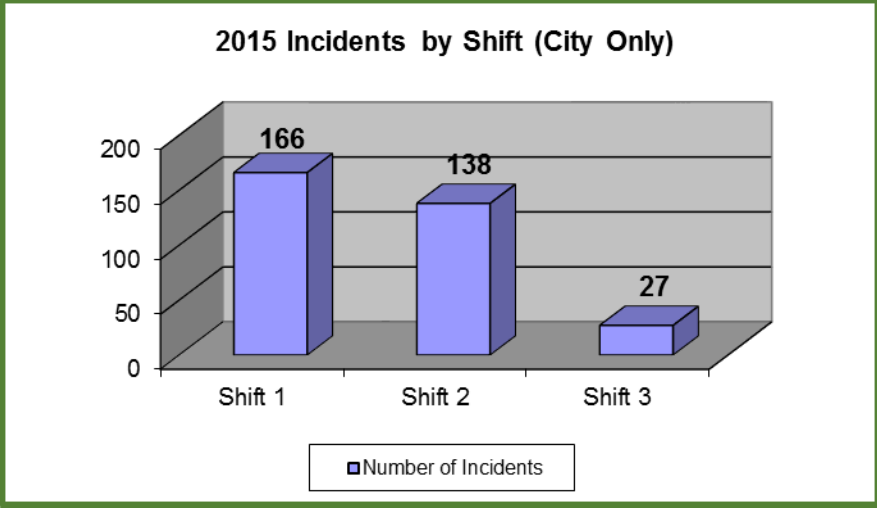
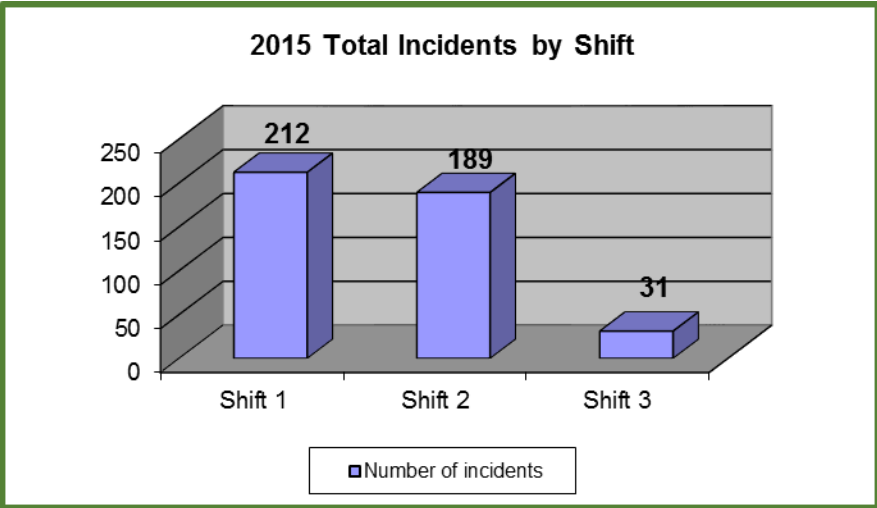
# Incident Reporting By Month January 1 – December 31, 2015



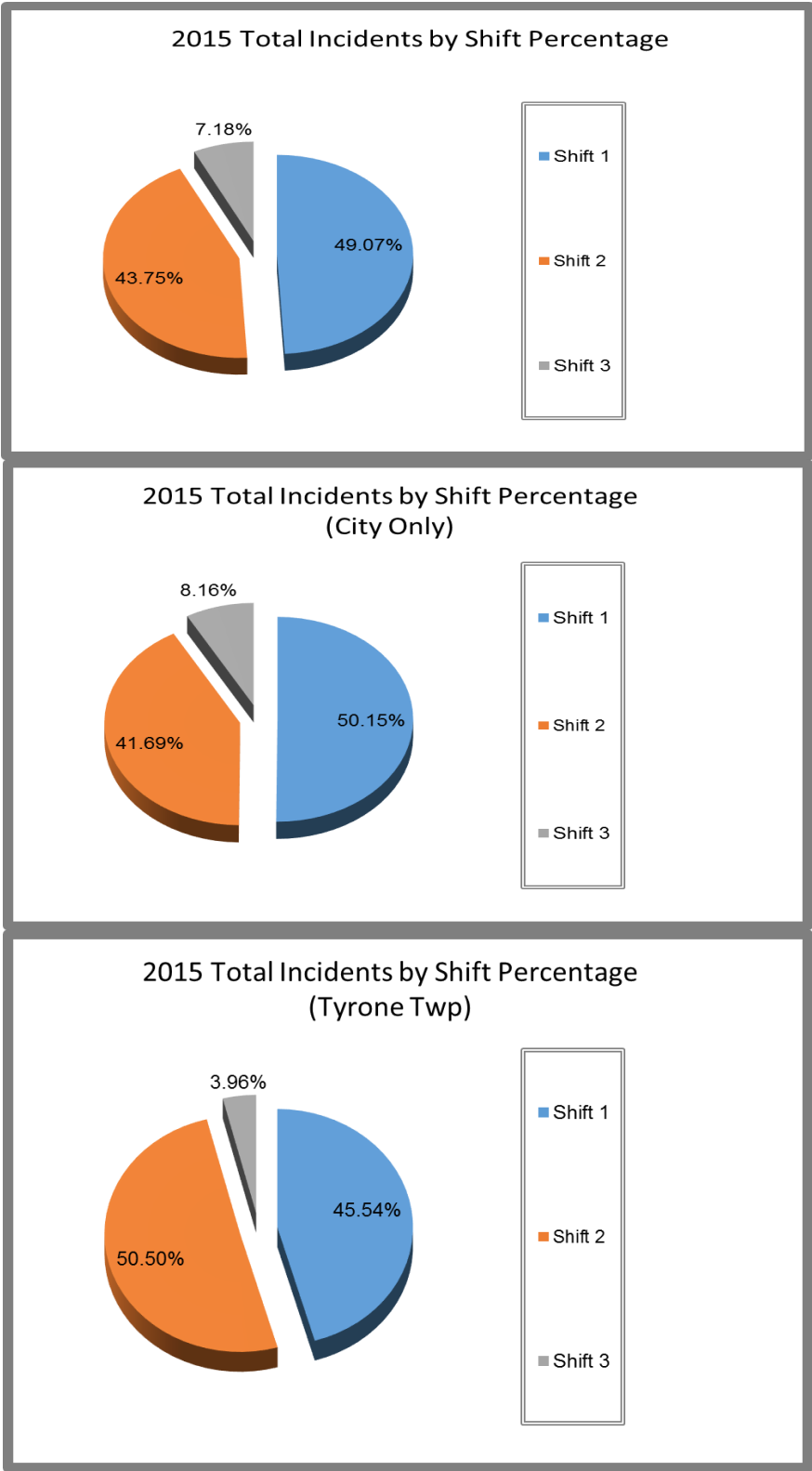
<u>Month</u>	<u>Number of Incidents</u>
January 2015	49
February 2015	38
March 2015	33
April 2015	32
May 2015	39
June 2015	30
July 2015	37
August 2015	46
September 2015	31
October 2015	25
November 2015	39
December 2015	33

<b>TOTAL INCIDENTS:</b>	432
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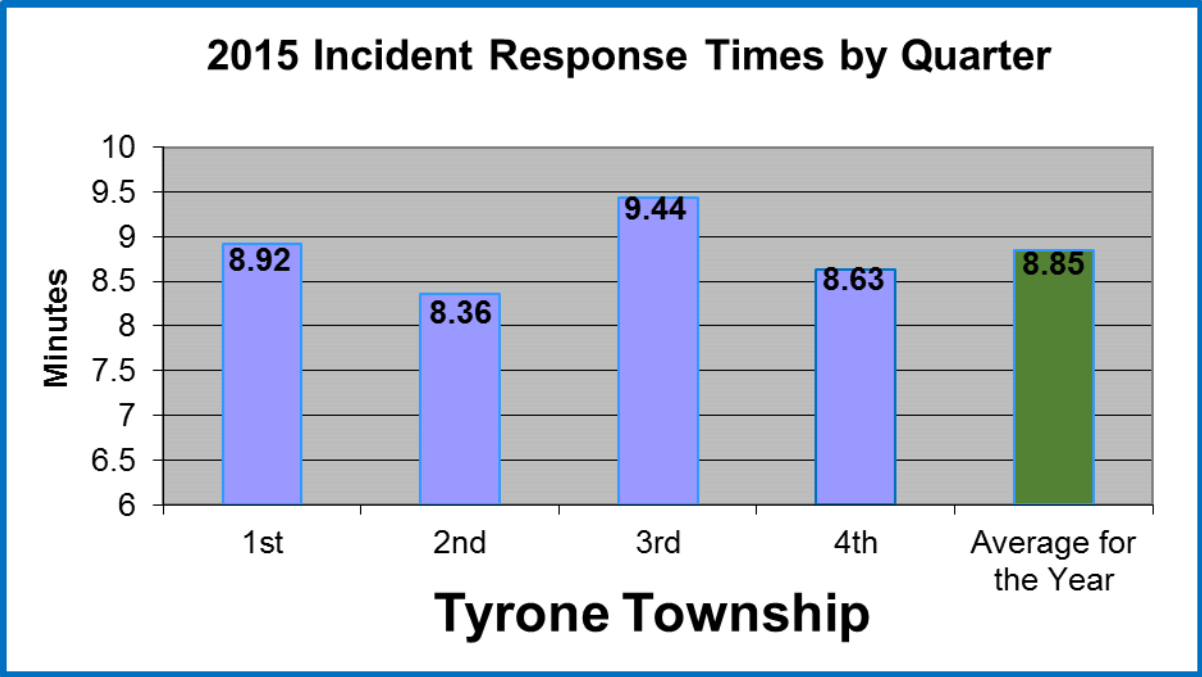
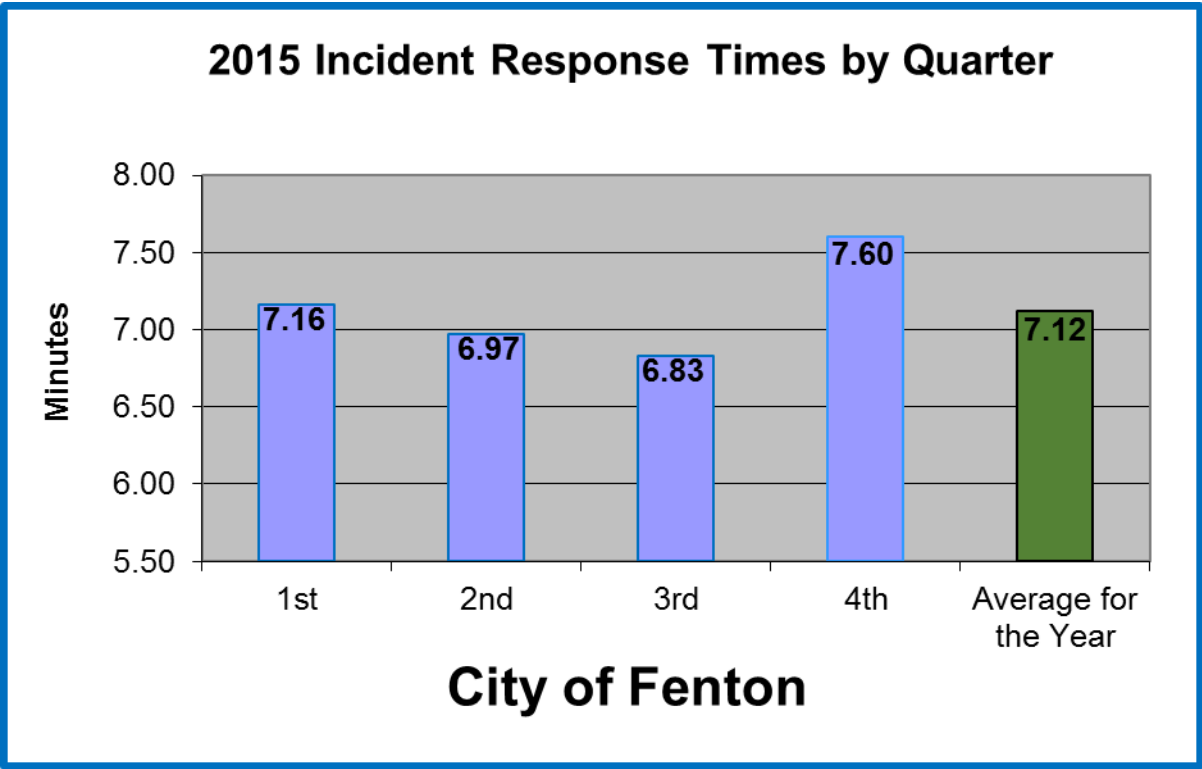
# 2015 Incidents by Shift



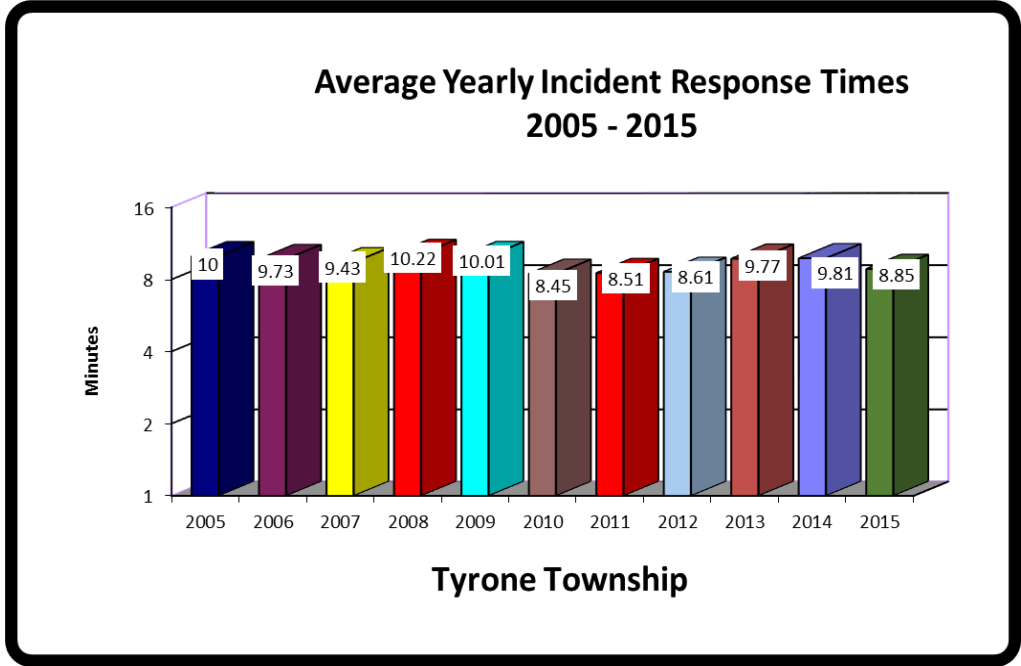
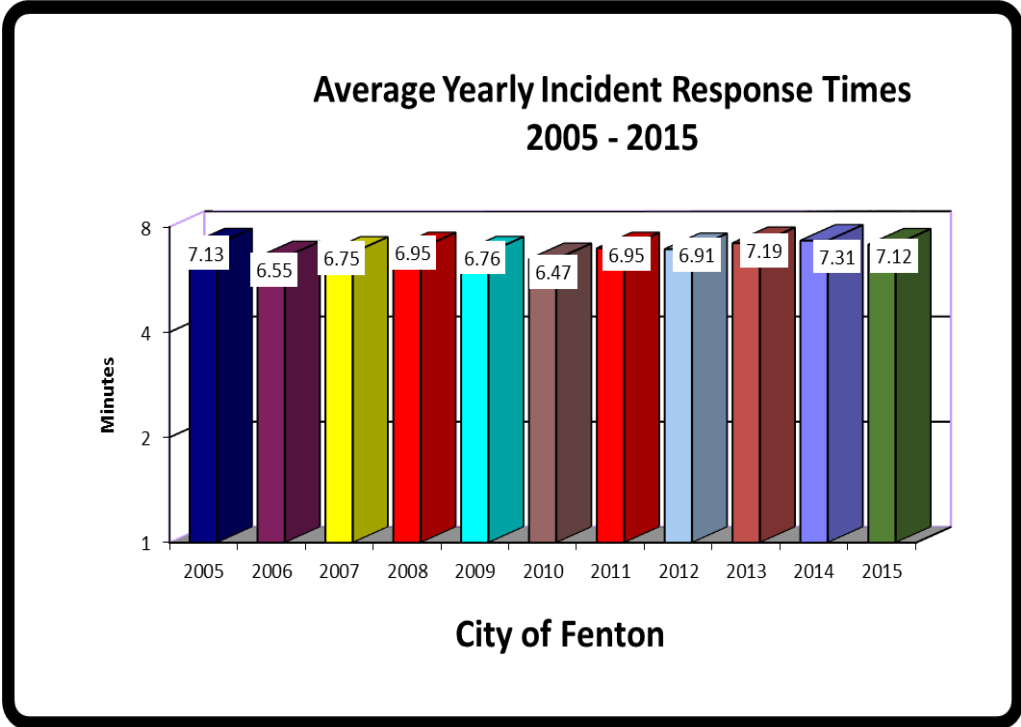
# 2015 Incidents by Shift Percentages



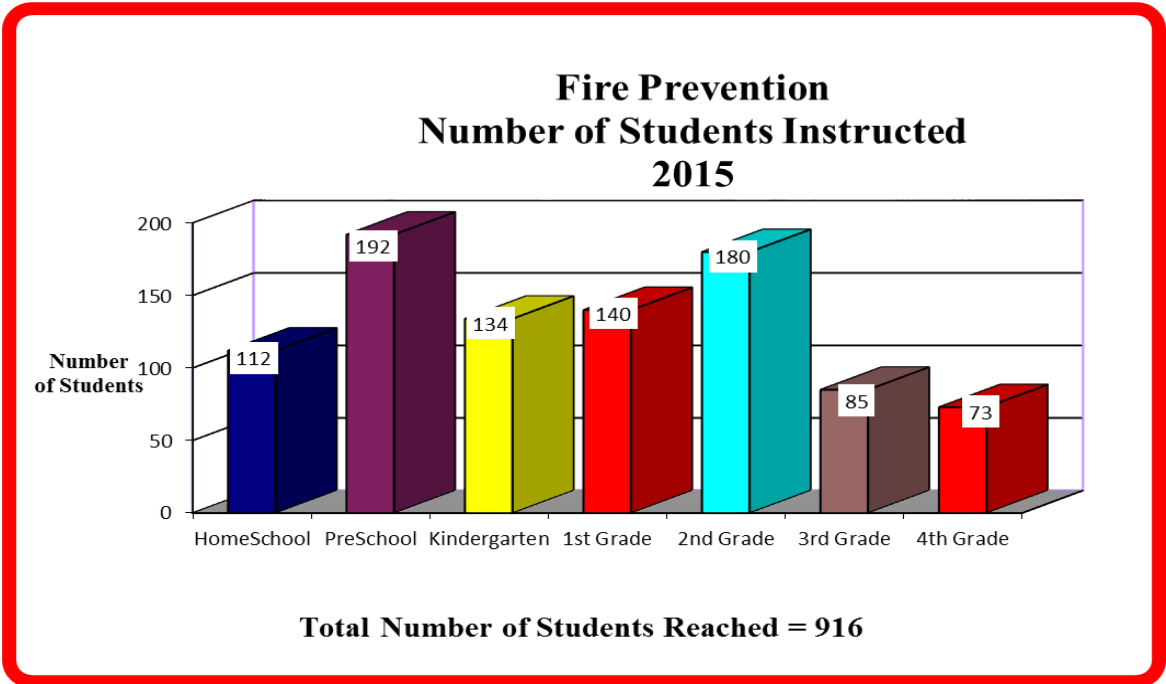
# 2015 Incident Response Times by Quarter



# Average Yearly Incident Response Times



# Fire Prevention Initiatives



## Additional Fire Prevention Activities/Events

<i>Activity / Event</i>	<i>Number Attended</i>
Open House	500
Safety Town	40
Rainbow Daycare	40
Cub Scouts	22
Girl Scouts	12
Rescue 911 Camp	80

**2015 Payroll**

<b><u>Number of Incidents</u></b>		<b><u>Personnel Responses</u></b>	
January – March	120	January – March	1972
April – June	101	April – June	1569
July – September	114	July – September	1539
October – December	97	October – December	1441
<b>Total 2015</b>	<b>432</b>		<b>6521</b>

**Payroll Cost per Quarter**

	<b><u>Incident Payroll</u></b>	<b><u>Total Payroll</u> *</b>
January – March	\$52,247.00	\$62,222.50
April – June	\$37,463.00	\$48,865.00
July – September	\$36,474.00	\$48,041.00
October – December	<u>\$34,742.00</u>	<u>\$46,778.00</u>
<b>Total 2015</b>	<b>\$160,656.00</b>	<b>\$205,906.50</b>

**Overtime (Included in incident payroll)**

	<b>Hours</b>	<b>Overtime Cost</b>
January – March	541	\$9,197.00
April – June	114	\$1,938.00
July – September	222	\$3,774.00
October – December	<u>226</u>	<u>\$3,842.00</u>
<b>Total 2015 Overtime</b>	<b>903</b>	<b>\$18,751.00</b>

\* Included in total payroll: Incident pay, overtime, training, fire prevention and officer pay.

# Fire Department Activities



Jingle Fest parade



Channel 12 "Hometown Hero" program



MSP Motor Unit (For Trooper Wolf Funeral)



Final inspection at the KME plant in Pennsylvania



Fire Prevention tour at the station



Ringing the bell and toy drive for Salvation Army

# Fire Department Activities

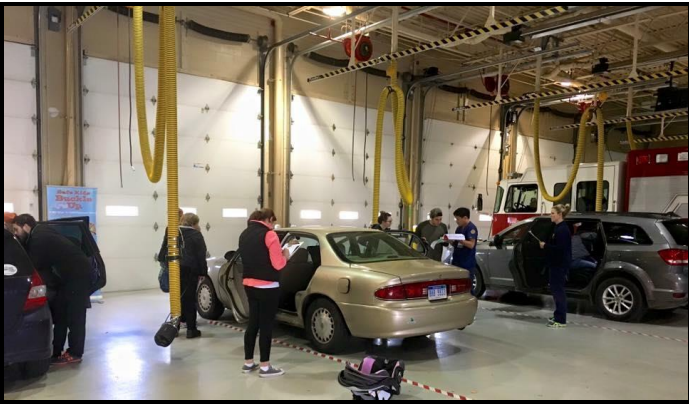


Mutual Aid training with Linden Fire Department



Fire Prevention Open House

Charity Food Giveaway



Run Through the Color and Flames 5K

Car Seat Safety Check Event

# Fire Department Incidents – 2015

