

# CITY OF FENTON FIRE DEPARTMENT



2012

## Annual Report

### Mission Statement:

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

# 2012 Annual Report

TO: LYNN MARKLAND, CITY MANAGER

## YEAR IN REVIEW

The Department responded to a total of 440 incidents in 2012, compared to 454 in 2011. That is a decrease of 3%. The 440 incidents in 2012 was the lowest yearly total since 1997. We averaged 37 incidents per month. There were 290 incidents in the City (the same as in 2011), and 150 in Tyrone Township (a 6% decrease from 2011). Tyrone Township in return paid the City \$196,763 for fire services in 2012. We also collected \$18,685 under our cost recovery ordinance. The average response time to an incident in the City was 6.91 minutes and 8.61 minutes in Tyrone Township. Estimated fire losses in 2012 amounted to approximately \$409,800 with \$154,800 being lost in the City and \$255,000 lost in Tyrone Township.

## Highlights of 2012 include:

A \$1,873 grant from the One Hundred Club of Flint to purchase additional water and ice rescue equipment.

A \$1,000 grant from the Wal-Mart Foundation that was used towards our portion of matching funds for the County wide live fire training trailers.

Chief Cairnduff was also able to secure a grant through the Assistance to Firefighters Grant or AFG grant from FEMA and the Department of Homeland Security in the amount of \$54,530 for the complete replacement of fire hose for the department. The grant will enable the department to replace over 9,000' of fire hose and associated hardware and adapters.

In January of 2012 four firefighters were presented CPR save awards at the City Council meeting for their part in resuscitating a Fenton resident who had gone into cardiac arrest.

**In January the fire department rescued a man from Runyan Lake after he had fallen though thin ice while trying to retrieve his dog.**



## Highlights of 2012 continued:

In July the department received an updated ISO rating for our portion of Tyrone Township. Deputy Chief Hadfield had worked on this project for over a year. We reduced most of our coverage area from a 9 rating to a rating of a 6. This was a very important upgrade for the residents of Tyrone that we serve, as they saw a direct benefit from lowered insurance premiums. We created a new section on our website that now addresses ISO ratings and provides detailed maps.

The 9-1-1 dispatch center upgrade was completed in 2012 and was a huge success. The upgrades that were made have improved our communications center and have increased our capabilities. The reliability and enhanced technology of our 9-1-1 center has made it a resource that the city should be proud of.

2012 was the second full calendar year for our ambulance contract with STAT EMS. The contract has been in place since February 2010. STAT EMS responded to over 1,400 EMS calls in 2012. Their average response time to a life threatening (tier 1) medical emergency in 2012 was 5 minutes and 04 seconds and 7 minutes and 45 seconds to a non-life threatening (tier 2) medical call. These are fantastic response times. This outstanding level of service with no cost to our residents is very impressive. Their commitment to our contract and to our community has also helped reduce the number of medical calls that the fire department responds on.



In the spring of 2012 we had three firefighters complete the Genesee County Fire Academy. These firefighters have shown to be very dedicated and professional employees. During the fall of 2012 we hired two additional new employees. These two are currently enrolled and attending the Genesee County Fire Academy. They have done well and we look forward to them staying with the fire department for many years.



New firefighters (L to R): Chris Kelley, Kryss Pettey, and Eric Kanyak

## Highlights of 2012 continued:

The Fenton Firefighters Charity organization was again busy in our community this year. They held their sixth annual charity golf outing and the third annual "Run through the Flames" 5K/10K charity run. Each was held in August with the race on the morning of the Taste in Fenton. These two events are the charity organizations main fund raisers. The firefighter's charity helped numerous people and organizations this past year. Over \$5,000 was contributed to local families in need, the food bank of Eastern Michigan, Relay for Life, the Children's hospital of Michigan, the Katie Wyatt memorial fund, and for 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 community.



Charity Golf Outing



Charity "Run through the Flames" 5K/10K race

In cooperation with the American Red Cross, the Department hosted our fifth annual blood drive. Our blood drive has become one of their most successful in the County.

The Fire Department and the Firefighters Association remained very active in our community during 2012. The department continues to add new events each year to our public relations calendar. In 2012 the department provided over 800 hours of community service activities. On top of the community service hours, the department members provided over 60 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. Due to the numerous requests we receive, we now are only able to do events that are pre scheduled, as we simply cannot keep up with the requests that come in.



## Highlights of 2012 continued:

The Firefighters Association took our antique 1931 Pirsch fire truck up to Frankenmuth this year for the National antique fire apparatus parade and muster.



In April of 2012 our inspectors started another round of business fire inspections. A total of 243 businesses were inspected during 2012. There were 799 fire code violations found during those inspections. The most common of those violations included, electrical hazards, out of date fire safety devices (such as fire extinguishers, hood systems, and sprinkler systems), and non-functioning emergency lights and exit signs.

During 2012 we had some important repairs and upgrades done to our severe weather warning system. One of our sirens was relocated due to damage it had received on a few different occasions. Two of the sirens (one located on Owen Rd and the other on Silver Lake Rd) were completely upgraded with new control boxes, power supply, and antennas. All five sirens were also updated to meet the new FCC narrow band requirements at no cost to the city via a County wide grant.



## Highlights of 2012 continued:

The Firefighters Association presented some of our former long serving firefighters with a special honor during 2012. Those firefighters that had 35 years or more of service to the department were honored with their name, rank, and years of service on a special metal shield that are now mounted on the wall in the apparatus bay. If the member had 45 years of service or more their gear number was retired. These are very special people that gave many years to the fire department and to the City of Fenton. These shields will now permanently honor their service.



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*

Robert C. 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

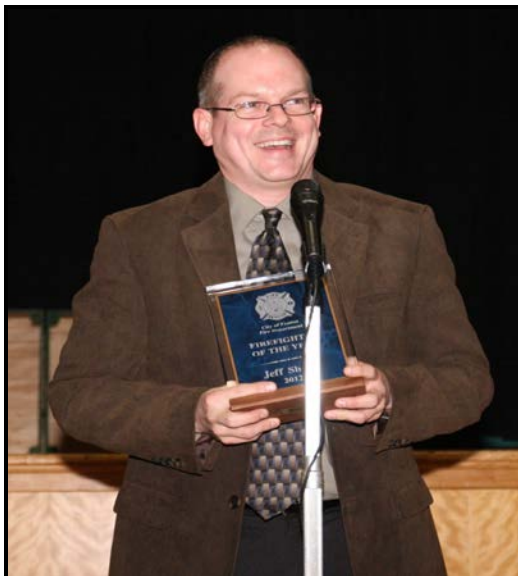
NAME	SERVICE DATE	NAME	SERVICE DATE
Dane Brown	9/2010	Dustin Lucius	11/2004
Frank Carpenter	1/2007	Robert Maksymowski	7/2004
Marshall Colley	12/2005	Al Morea	4/1974
Andrew Evans	2/2010	Nate Mosher	1/2001
Matt Everhard	5/2009	Amanda Parcher	8/2012
Corey Gilbert	7/2010	Mikel Peterson	4/1984
Matthew Hadfield	7/2007	Krystopher Pettey	8/2011
Pat Hajec	7/2010	Nick Schulz	11/2001
Ryan Jenema	11/2006	Josh Sturgis	3/2004
Michael Johnson	2/2010	Kelsey Sturgis	10/2007
Eric Kanyak	8/2011	Travis Whitman	4/2012
Chris Kelley	8/2011	Dave Williams	3/1975
Chris Letizio	7/2012		

# Fire Department Awards

## Fire Fighter of the Year

Lieutenant Jeff Shook 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.

Jeff joined the department on January 8, 1995. Jeff is a certified Firefighter II, and is an Emergency Medical Technician (EMT). Jeff was promoted to Lieutenant in charge of Public Relations in December of 2009. Jeff has served on the firefighter's association board and currently serves on the board for the Fenton Firefighters Charities. Jeff does a tremendous amount of work behind the scenes for the association and the charity and is a well deserving recipient of this award.



Firefighter of the Year- Lieutenant Jeff Shook



Chief's Award recipient Deputy Chief Ed Hadfield

## 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 recipients are chosen by the Chief. This year's award was presented to Deputy Chief Ed Hadfield. Ed joined the department in August of 1982. Ed puts in many extra hours of service to the department. Ed is always willing to help with any projects and represents our department well at many different functions. Ed is also very involved with the County firefighter's academy. Ed was an easy choice for this award and I appreciate everything he does for this department.

# Fire Department Awards

## Service Awards

The following members were given service awards for their years of dedicated service to the Fire Department and to the community.

**5 Years of Service –**  
Firefighter Matt Hadfield  
Firefighter Kelsey Sturgis

**30 Years of Service –**  
Captain Scott Smith  
Deputy Chief Ed Hadfield



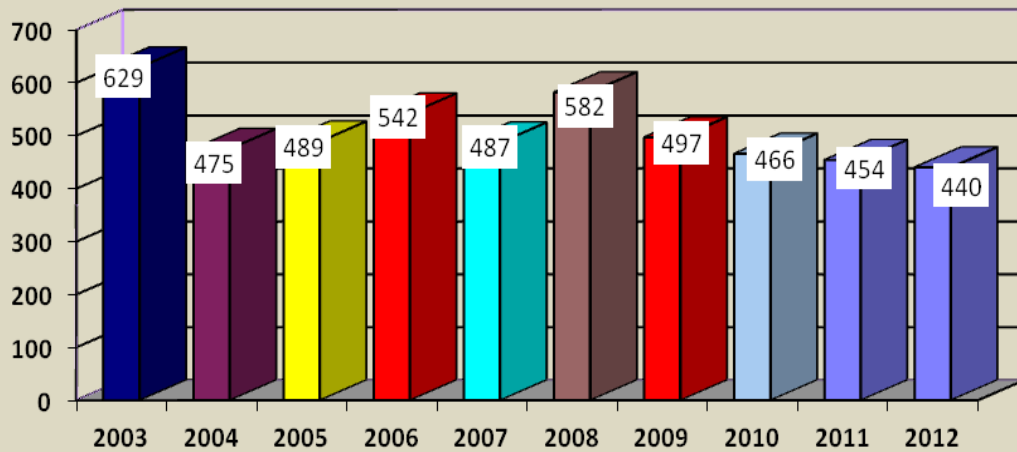
30 years of service recipients Ed Hadfield and Scott Smith

# INCIDENT STATISTICS

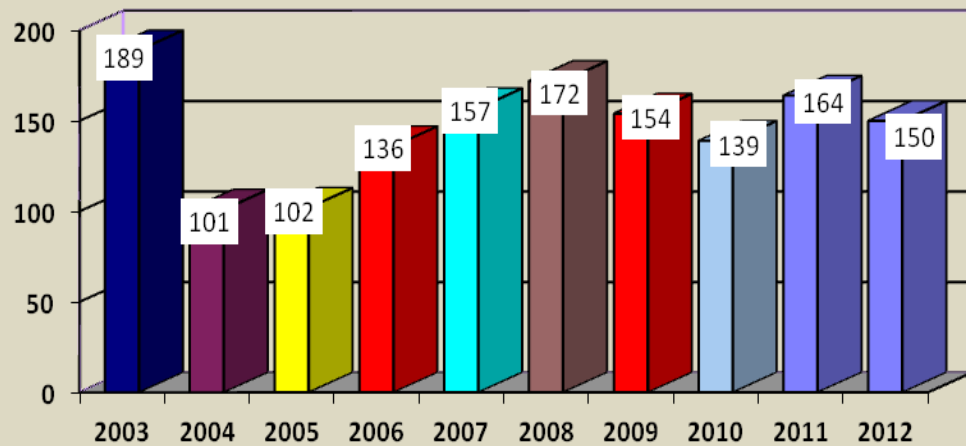
JANUARY 1 – DECEMBER 31, 2012



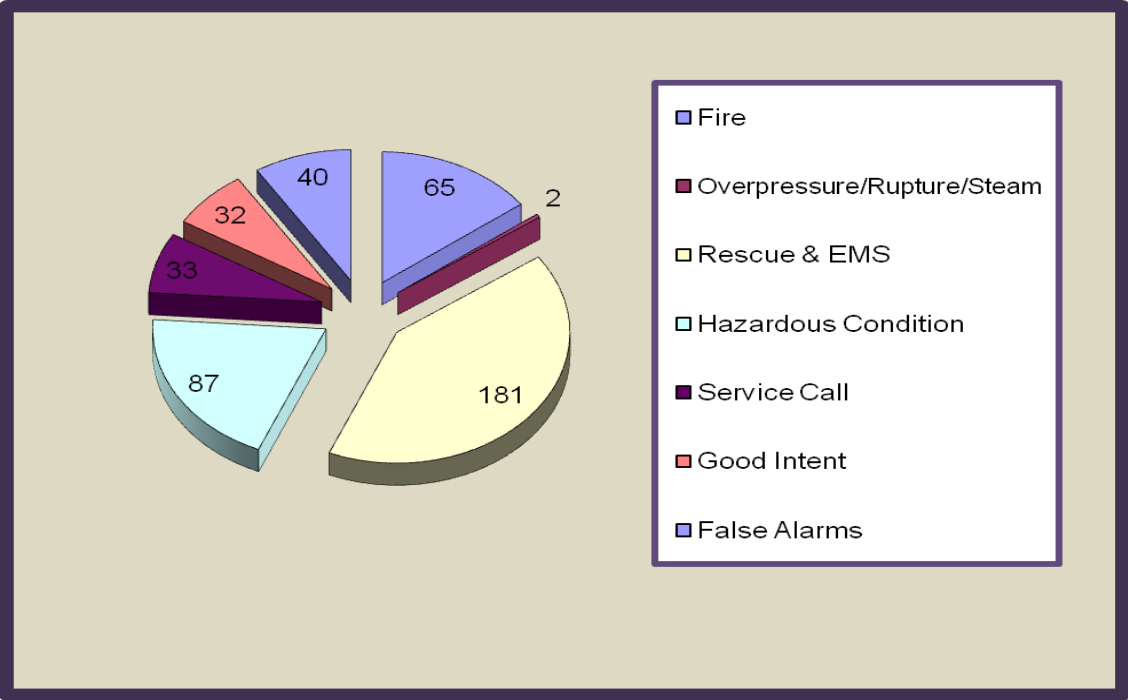
# Number of Incidents Per Year 2003 - 2012 CITY OF FENTON



# Number of Incidents Per Year 2003 - 2012 TYRONE TOWNSHIP



# Incident Reporting By Type of Incident January 1 – December 31, 2012



**TYPE OF INCIDENT:**

100's Fire	65
200's Overpressure/Rupture/Steam	2
300's Rescue & EMS	181
400's Hazardous Condition	87
500's Service Call	33
600's Good Intent	32
700's False Alarms	40

**TOTAL INCIDENTS:** 440

# Incident Report Summary

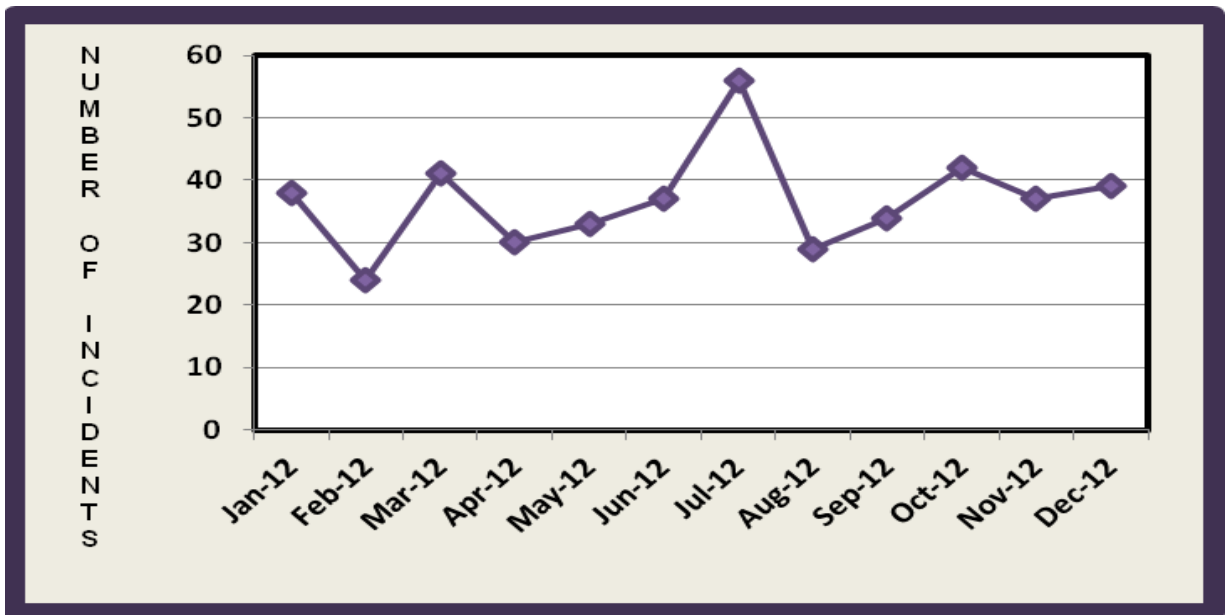
## January 1 – December 31, 2012

<u>Incident Type</u>	<u>Total Incidents</u>
100 Fire, other	1
111 Building Fire	10
1111 Mutual Aid Building Fire	18
1112 Mutual Aid Grass Fire	1
1113 Mutual Aid Cover Assignment	4
113 Cooking fire, confined to container	5
114 Chimney or flue fire, confined to chimney or flue	1
131 Passenger Vehicle Fire	8
132 Road freight or transport vehicle fire	1
143 Grass Fire	13
150 Outside rubbish fire, other	1
154 Dumpster or other outside trash receptacle fire	1
160 Special outside fire, other	1
200 Overpressure rupture, explosion, overheat, other	2
300 Rescue, EMS Incident, Other	6
311 Medical Assist, Assist EMS Crew	4
320 Emergency Medical Service, other	1
321 EMS call, excluding vehicle accident with injury	99
322 Motor vehicle accident with injuries	47
323 Motor vehicle/pedestrian accident (MV Ped)	3
324 Motor Vehicle Accident with no Injuries	15
352 Extrication of victim(s) from vehicle	4
362 Ice Rescue	2
400 Hazardous condition, other	8
410 Combustible/flammable gas/liquid condition, other	5
411 Gasoline or other flammable liquid spill	8
412 Gas leak (natural gas or LPG)	9
413 Oil or other combustible liquid spill	2
422 Chemical spill or leak	2
424 Carbon Monoxide Incident	7
440 Electrical Wiring/Equipment problem, other	3
442 Overheated motor	2

<u>Incident Type</u>		<u>Total Incidents</u>
444	Power line down	26
445	Arcing, shorted electrical equipment	3
463	Vehicle accident, general clean-up	12
500	Service call, other	3
520	Water problem, other	1
5311	Smoke/Odor Investigation	22
540	Animal problem, other	1
550	Public service assistance, other	1
551	Assist police or other governmental agency	2
561	Unauthorized burning	3
611	Dispatched and Canceled en route	21
622	No incident found on arrival at dispatch address	7
631	Authorized controlled burning	1
651	Smoke scare, odor of smoke	1
652	Steam, vapor, fog or dust thought to be smoke	1
671	HazMat release investigation w/no HazMat	1
713	Telephone, malicious false alarm	1
732	Extinguishing system activation due to malfunction	1
733	Smoke detector activation due to malfunction	2
736	CO detector activation due to malfunction	2
740	Unintentional transmission of alarm, other	2
743	Smoke detector activation, no fire - unintentional	2
744	Detector activation, no fire - unintentional	1
745	Alarm System Activation, no fire, unintentional	29
<b>TOTAL NUMBER OF INCIDENTS:</b>		<b>440</b>

# Incident Reporting By Month

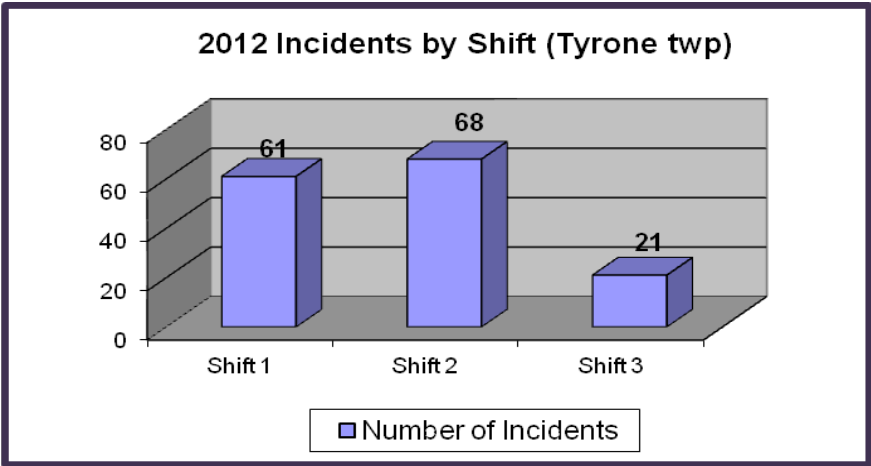
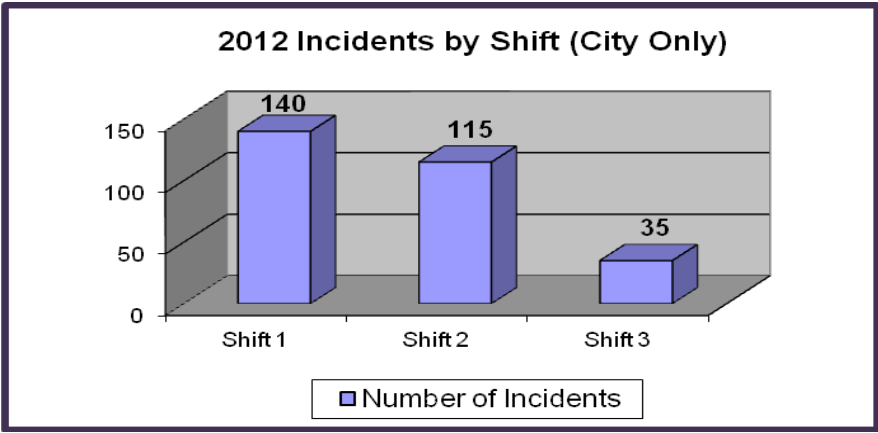
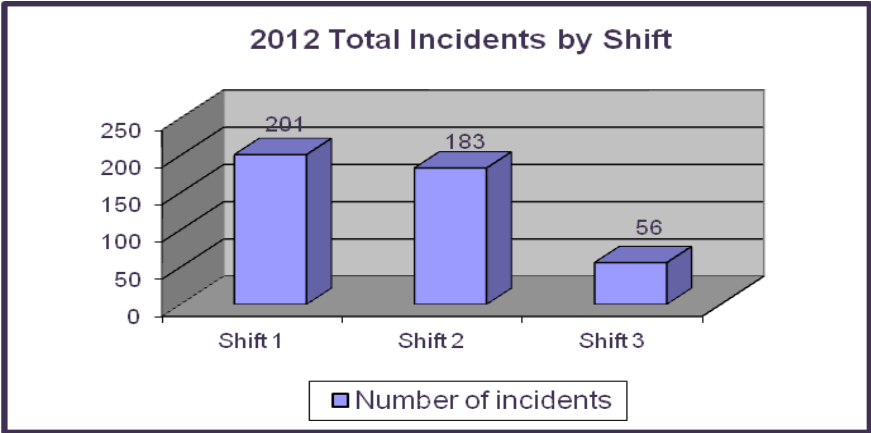
## January 1 – December 31, 2012



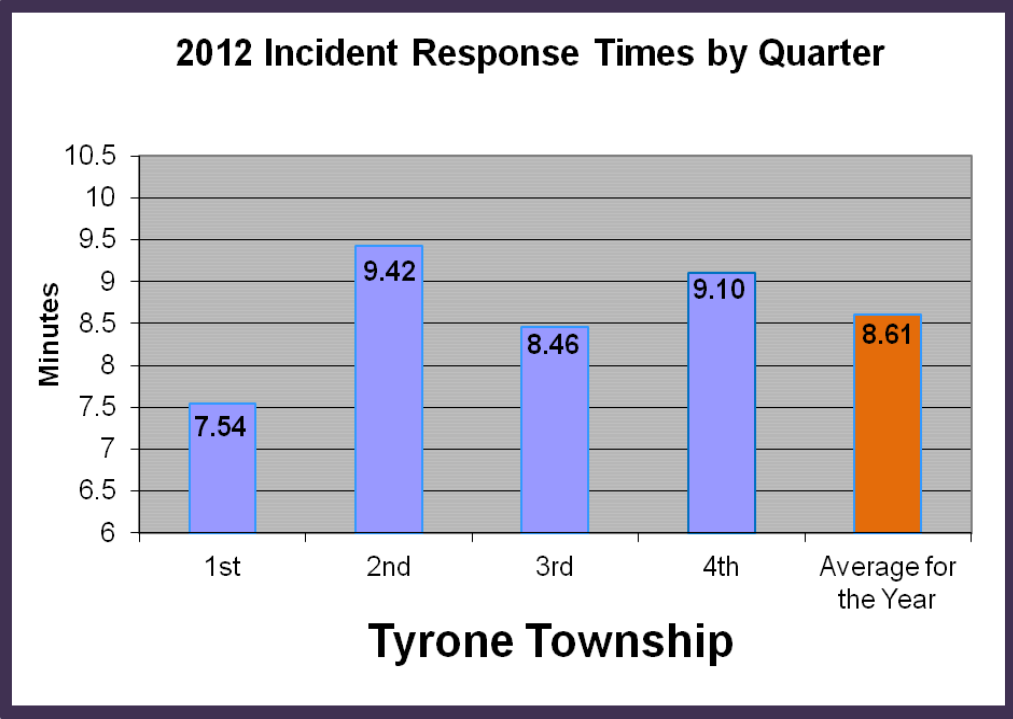
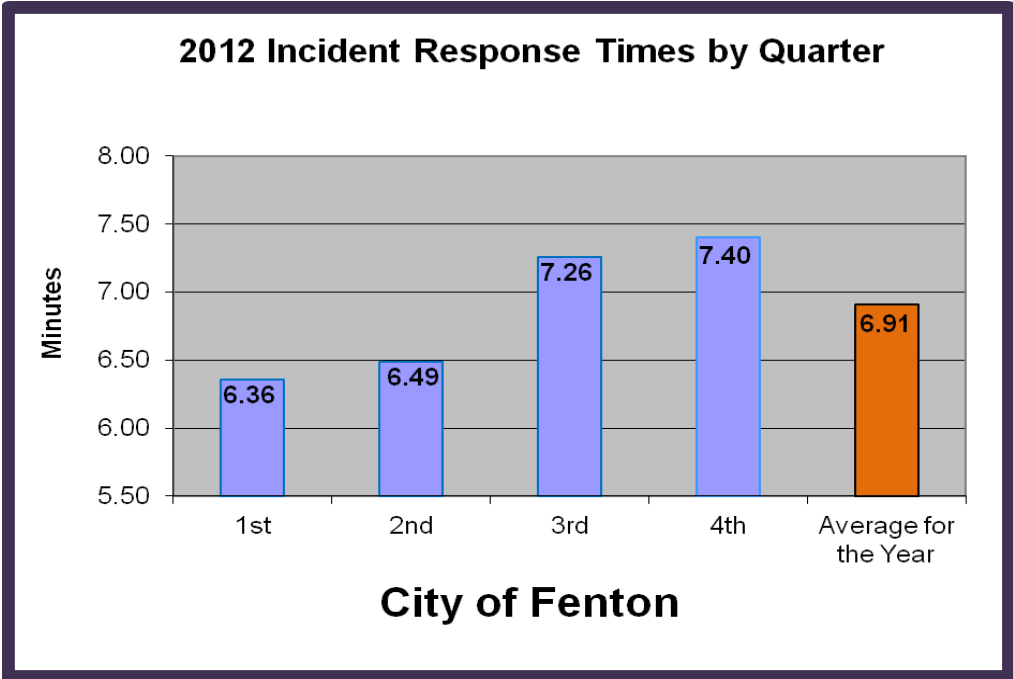
<u>MONTH</u>	<u>NUMBER OF INCIDENTS</u>
January 2012	38
February 2012	24
March 2012	41
April 2012	30
May 2012	33
June 2012	37
July 2012	56
August 2012	29
September 2012	34
October 2012	42
November 2012	37
December 2012	39

<b>TOTAL INCIDENTS:</b>	<b>440</b>
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# 2012 Incidents by Shift



# 2012 Incident Response Times by Quarter



# 2012 Payroll

<b>Number of Incidents</b>		<b>Personnel Responses</b>	
January – March	103	January – March	1454
April – June	100	April – June	1515
July – September	119	July – September	1970
October – December	<u>118</u>	October – December	<u>1828</u>
<b>Total 2012</b>	<b>440</b>		<b>3798</b>

## Payroll Cost per Quarter

	<b>Incident Payroll</b>	<b>Total Payroll</b>
January – March	\$33,091.00	\$44,917.00
April – June	\$33,745.00	\$47,236.00
July – September	\$44,498.00	\$59,920.00
October – December	<u>\$43,152.00</u>	<u>\$57,477.00</u>
<b>Total 2012</b>	<b>\$154,486.00</b>	<b>\$209,550.00</b>

## Overtime (Included in incident payroll)

	<b>Hours</b>	<b>Pay Cost</b>
January – March	138	\$2,070.00
April – June	241	\$3,615.00
July – September	343	\$5,145.00
October – December	<u>290</u>	<u>\$4,350.00</u>
<b>Total 2012 Overtime</b>	<b>751</b>	<b>\$15,180.00</b>

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

# Fire Department Activities



CPR Save Awards



Placing Memorial flags



Fourth of July Parade



Unloading food for Thanksgiving baskets

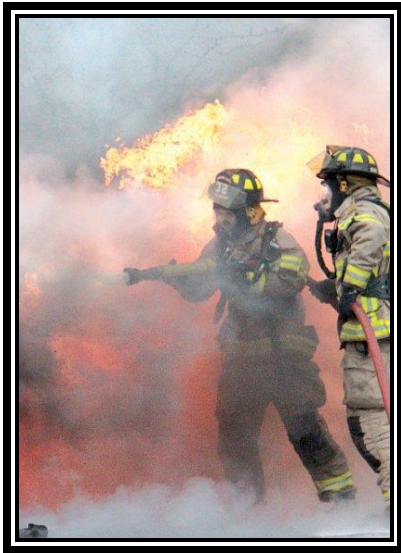


Training on the Genesee County live burn trailers



Fire Prevention Open House

# Fire Department Incidents – 2012



# Fire Department Incidents – 2012

