

CITY OF FENTON FIRE DEPARTMENT



2017

ANNUAL REPORT

Mission Statement:
To protect life and property of the
people of our community with the highest
quality of service possible.



CITY OF FENTON

TO LYNN MARKLAND, CITY MANAGER

YEAR IN REVIEW

In 2017, the fire department responded to a total of 537 calls for service. This is a 5.5% increase from the 509 incidents in 2016. The fire department averaged 45 calls for service per month in 2017. There were 387 incidents in the City which is a slight increase from the 381 in 2016. Our service area in Tyrone Township saw another increase in incidents. In 2017, we ran 150 incidents in Tyrone Township and that is a 17% increase from the 128 in 2016. In return for our services provided in their Township, Tyrone paid the City approximately \$210,000. The average response time to an emergency incident in the city was 6:24, while in Tyrone Township the average was 8:46.

Estimated fire losses were up by 20% in 2017. Total estimated property losses were \$337,500 in 2017 compared to \$281,000 in 2016. The losses were \$163,500 in the City and \$174,000 in Tyrone Township. Even though these numbers are up from 2016, they are still extremely low for a coverage area of our size and population. The National Fire Protection Association NFPA estimates the nationwide average fire losses for an area with the population we serve in the City and the Township would average around \$870,000. We are consistently below that figure. We have not experienced fire losses that high since 2010.

HIGHLIGHTS OF 2017

We hosted a Child Seat Safety Technicians class. The class was put on by the University of Michigan and the Hurley Hospital trauma team. The 40 hour class included classroom lecture and hands on practical skills. The final exam for the class was an actual car seat safety check event that was held at our station and was free of charge to those participating. There were over 50 vehicles checked and most received replacement car seats free of charge if the ones they were using were incorrect.



The department once again participated with the Fenton High School Advanced Video Production class to film a Public Service Announcement or PSA that focused on drinking and driving. The video was complex this year with different crash scenes and we even brought in a helicopter. The video is shown to the high school student body just prior to the high school prom. We have been participating for a few years now with the video production class and they do a phenomenal job of making a video that has a strong message for the kids.



HIGHLIGHTS OF 2017 CONT.

This year we had three new firefighter trainees graduate from the Genesee County Firefighters academy. Firefighters Casey McLaughlin-Smith, Anson Ratke, and Mike Siburt all graduated after passing their State of Michigan written and practical exams. We then hired four new firefighters in the fall. One came to us already certified while the other three are currently attending the fire academy and will graduate in April of 2018. We currently have 33 paid on-call firefighters.

In June we partnered with STAT EMS and the Hurley Trauma team to host our second annual "Rescue 911" day camp. The free event is held at Bush Park and targets children 8-11 years old. We had over 60 participants this year and they were taught about safety in many different situations. The children are taught in a fun environment and are provided many free items and even a free lunch provided by local restaurants.



Also in June at the City council meeting we presented lifesaving awards to three of our firefighters, one of our dispatchers, and two STAT EMS employees for their role in reviving a 23 year old male that had been electrocuted. The victim was in cardiac arrest when units arrived and after their life saving treatment on scene the patient made a full recovery.



The department was provided valuable access to the old Pizza Hut building on Owen Road, to use for training before it was to be demolished. The department held multiple trainings at the building and was able to train on issues like ventilating a commercial building, power saws on a metal roof, and search and rescue in a large building.



HIGHLIGHTS OF 2017 CONT.

We purchased and installed our new Self Contained Breathing Apparatus or SCBA air compressor and fill station. The new machine replaced equipment that had been moved from the old station and was at the end of its use. This \$42,000 purchase enables the department to fill its SCBA air tanks and its truck mounted fill station. This new equipment will hopefully last as long as the last machine and serve the city for 25-30 years.



The department participated for the first time in the National Night Out event that was held in downtown Linden in August. The event was a big success and the crowd was estimated at over 1,500 attendees. The entire event is free to the public and is a chance for them to interact with police, fire, and EMS personnel from the area.



In October the Department presented Unit Citation awards to 10 fire personnel and two STAT EMS employees. They were given the award for their role at an accident scene the prior October. The female victim was pinned in the vehicle and in critical condition. After a year of recovery, the victim and her family wanted to pay tribute to those that helped make a difference in her outcome and helping to save her life.



HIGHLIGHTS OF 2017 CONT.

This year we promoted three individuals. Current Lieutenant Nick Will was promoted to Captain. Captain Will has been with the department since 1999 and has been a Lieutenant since 2006. We also promoted two new officers. Firefighters Dustin Lucius and Josh Sturgis were both promoted to the rank of Lieutenant. Both have been with the department since 2004.



These are just a few of the many highlights from 2017. Please review the remainder of this report and I hope it helps provide you with some insight about our department and the vital role we play within the community.

Robert Cairnduff
Fire Chief

CITY OF FENTON

Sue Osborn – Mayor

Lynn Markland – City Manager

Tracy Bottecelli – Councilwoman

Nancy Draves – Councilwoman

Scott Grossmeyer – Councilman

Patricia Lockwood – Councilwoman

David McDermott – Councilman

Cherie Smith – Councilwoman

CITY OF FENTON FIRE DEPARTMENT



OFFICERS

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:	Scott Smith	(Service Date: 8/1982)
Captain:	Nick Will	(Service Date: 2/1999)
Lieutenant:	Jeff Shook	(Service Date: 1/1995)
Lieutenant:	Josh Sturgis	(Service Date: 3/2004)
Lieutenant:	Dustin Lucius	(Service Date: 11/2004)
Chief Engineer:	Craig Jensen	(Service Date: 7/1981)

FIREFIGHTERS

Name	Service Date	Name	Service Date
Caleb Alderman	9/2013	R. Maksymowski	7/2004
Paul Bond	5/2013	C. McLaughlin-Smith	9/2016
Brandon Brown	9/2013	Al Morea	4/1974
Sean Caldwell	8/2017	Matthew Murray	8/2013
Frank Carpenter	1/2007	Mikel Peterson	4/1984
Evan Erickson	8/2017	Anson Ratke	9/2016
Matt Everhard	5/2009	Nick Schulz	11/2001
Julian Gross	6/2015	David Siburt	9/2014
Matthew Hadfield	7/2007	Michael Siburt	7/2016
Tate Hall	8/2017	Karl Sturgis	1/1983
Ryan Jenema	11/2006	Dylan Taulbee	8/2017
Michael Johnson	2/2010	Travis Whitman	4/2012
Kelsey Jones	10/2007		

FIRE DEPARTMENT AWARDS

Each year the fire department presents the following awards at its annual Christmas Party. The awards are purchased and presented by the Firefighters Association.

FIREFIGHTER OF THE YEAR

This year's recipient of the Firefighter of the Year award was Matthew Hadfield. This award is given annually to a member of the fire department and is voted on by the entire membership. Matt joined the department in July of 2007 and has served for 10 years. Matt is very dedicated to the fire department and comes from a family with a long history here. His grandfather was former Chief Jerry Peterson and his father, uncle, and cousins have served on the department. Matt is always willing to help with any projects, public relations events, and helps at the County fire academy. Matt was an excellent choice to receive the award.



CHIEFS AWARD

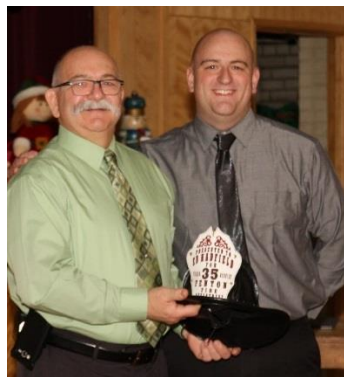
The Chiefs Award is given to a person or persons that have gone above and beyond with their service to the department. The award recipient is chosen by the Chief. This year's recipient was Firefighter Frank Carpenter. Frank joined the department in March of 1986 and has 30 years of service to the department. Frank works the daytime duty shift and is always willing to help around the station and with the apparatus.



SERVICE AWARDS

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

Firefighter Travis Whitman	5 Years
Firefighter Kelsey Jones	10 Years
Firefighter Matt Hadfield	10 Years
Deputy Chief Ed Hadfield	35 Years
Captain Scott Smith	35 Years



This year Deputy Chief Ed Hadfield and Captain Scott Smith both received 35 year service awards. Scott and Ed joined the department on the same day, August 5th, 1982. Since then both have been very valuable members of this department. They both should be extremely proud of their 35 years of service to the residents of our community.

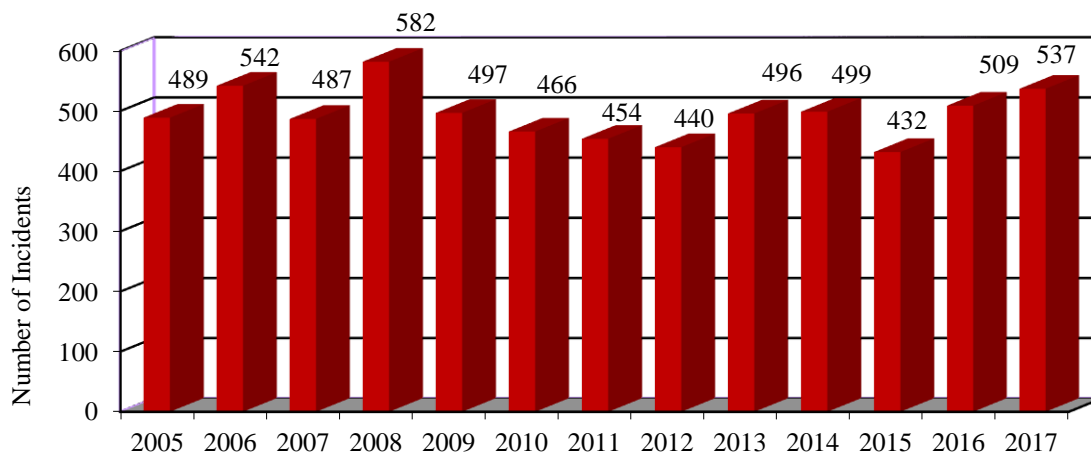


INCIDENT STATISTICS

JANUARY 1, 2017 - DECEMBER 31, 2017

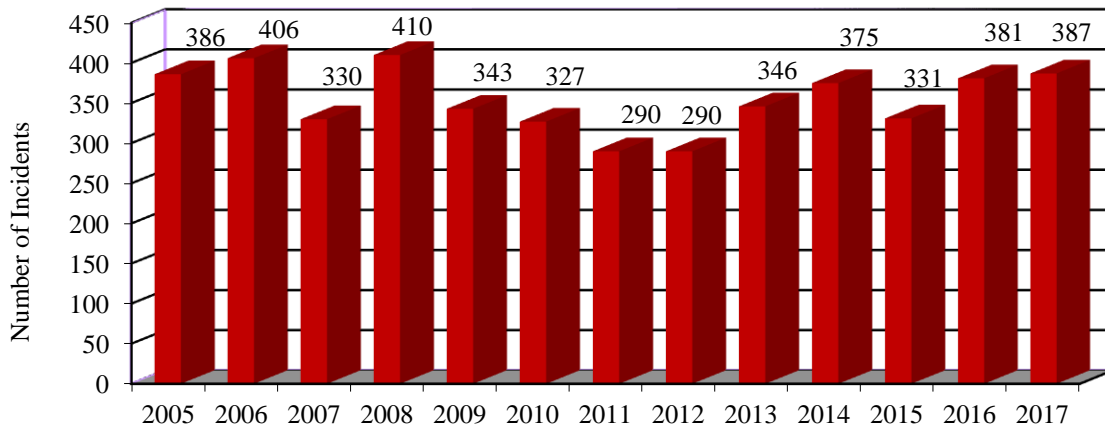
NUMBER OF INCIDENTS PER YEAR 2005 - 2017 TOTAL INCIDENTS

City of Fenton Fire Department
Incidents per year 2005 - 2017

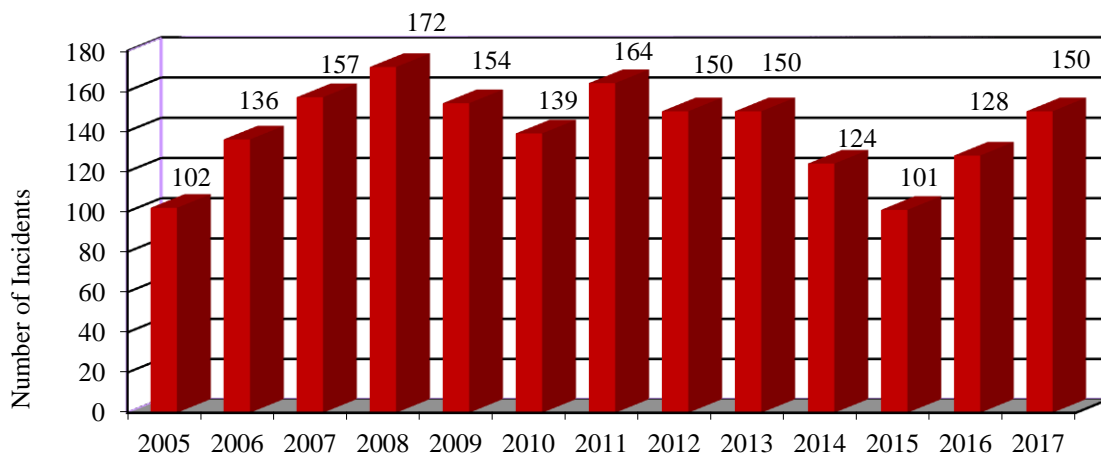


NUMBER OF INCIDENTS PER YEAR 2005 - 2017

City of Fenton

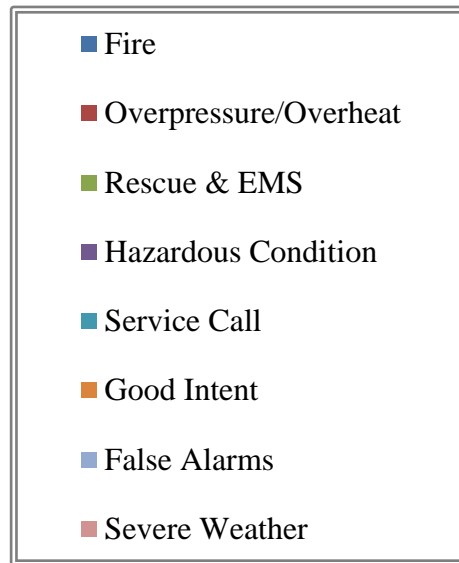
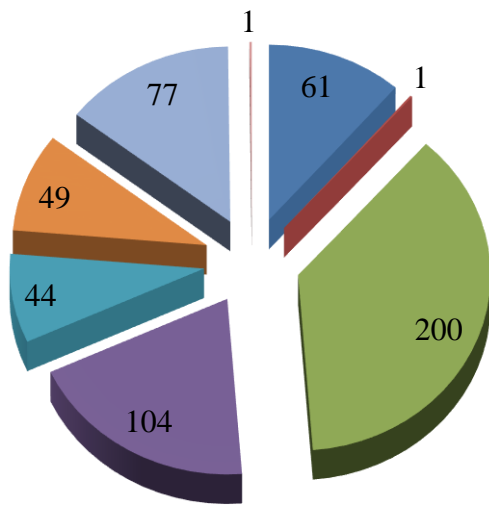


Tyrone Township



INCIDENT REPORTING BY TYPE OF INCIDENT

January 1- December 31, 2017



Type of Incident:

100's Fire	61
200's Overpressure/Overheat	1
300's Rescue & EMS	200
400's Hazardous Condition	104
500's Service Call	44
600's Good Intent	49
700's False Alarm	77
800's Severe Weather	1

Total Incidents: 537

INCIDENT REPORT SUMMARY

JANUARY 1- DECEMBER 31, 2017

<u>Incident Type</u>		<u>Total Incidents</u>
100	Fire	3
111	Building Fire	12
1111	Mutual Aid Building Fire	15
1113	Mutual Aid Cover Assignment	1
113	Cooking Fire, Confined to Container	3
114	Chimney Fire Contained to Chimney or Flue	1
131	Passenger Vehicle Fire	11
134	Water Vehicle Fire	1
142	Brush, or Brush-and-Grass Mixture Fire	3
143	Grass Fire	8
150	Outside Rubbish Fire	1
154	Dumpster Fire	2
200	Overpressure Rupture, Explosion, Overheat	1
311	Medical Assist, Assist EMS Crew	15
321	EMS Call, Excluding Vehicle Accident with Injury	110
322	Motor Vehicle Accident with Injuries	44
323	Motor Vehicle/Pedestrian Accident	5
324	Motor Vehicle Accident with No Injuries	16
341	Search for Person on Land	2
350	Extrication, Rescue, Other	1
352	Extrication of Victim(s) from Vehicle	5
353	Removal of Victim from Stalled Elevator	1
357	Extrication of Victim from Machinery	1
400	Hazardous Condition, Other	2
411	Gas or Other Flammable Liquid Spill	7
412	Gas Leak (Natural Gas or LPG)	5
413	Oil or Other Combustible Liquid Spill	1
423	Refrigeration Leak	1
424	Carbon Monoxide Incident	13
440	Electrical Wire/ Equipment Problem	1
441	Heat from Short Circuit (Wiring)	2
444	Power Line Down	44
445	Arcing, Shorted Electrical Equipment	4
460	Accident, Potential Accident	1
461	Building or Structure Weakened or Collapsed	1
463	Vehicle Accident, General Clean-Up	22

Incident Type**Total Incidents**

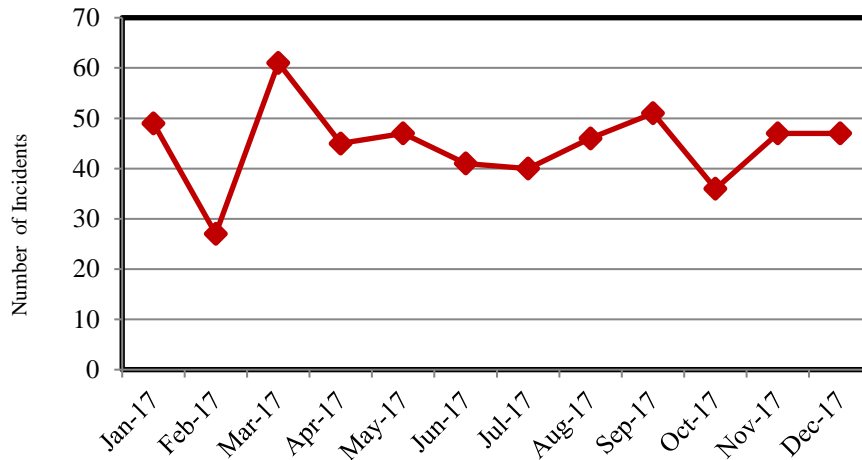
500	Service Call, Other	1
5311	Smoke/Odor Investigation	27
542	Animal Rescue	1
550	Public Service Assistance	2
551	Assist Police or Governmental Agency	2
561	Unauthorized Burning	11
611	Dispatched and Canceled En Route	42
622	No Incident Found on Arrival at Dispatch Address	5
671	HazMat Release Investigation with no HazMat	2
700	False Alarm or False Call	1
743	Smoke Detector Activation, no fire	12
745	Alarm System Activation, no fire, unintentional	58
746	Carbon Monoxide Detector Activation, no CO	6
815	Severe Weather or Natural Disaster Standby	1

TOTAL NUMBER OF INCIDENTS:

537

INCIDENT REPORTING BY MONTH

January 1- December 31, 2017

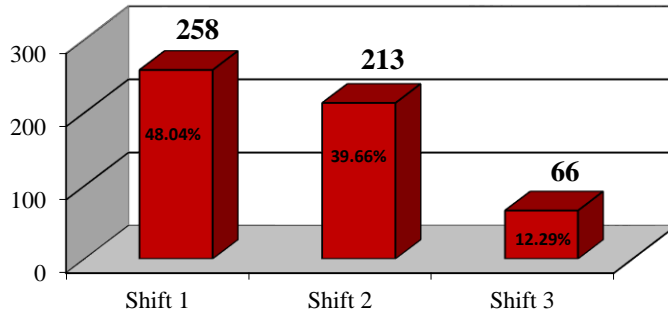


<u>Month</u>	<u>Number of Incidents</u>
January 2017	49
February 2017	27
March 2017	61
April 2017	45
May 2017	47
June 2017	41
July 2017	40
August 2017	46
September 2017	51
October 2017	36
November 2017	47
December 2017	47

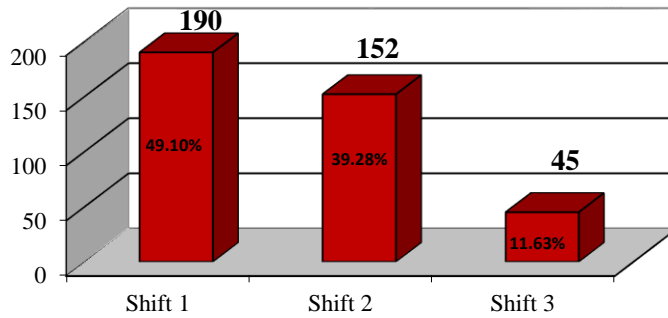
TOTAL INCIDENTS: 537

2017 INCIDENTS BY SHIFT

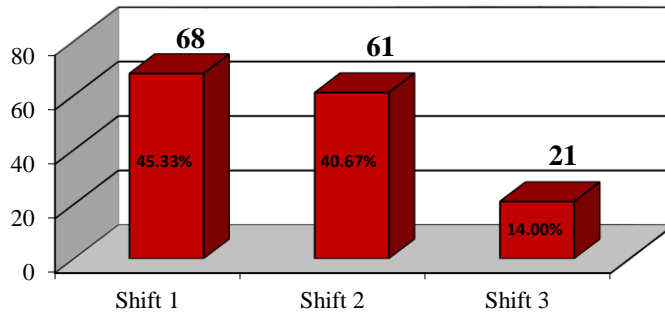
Total Incidents by Shift
(537 Total)



Incidents by Shift
City Only
(387 Total)



Incidents by Shift
Tyrone Township
(150 Total)



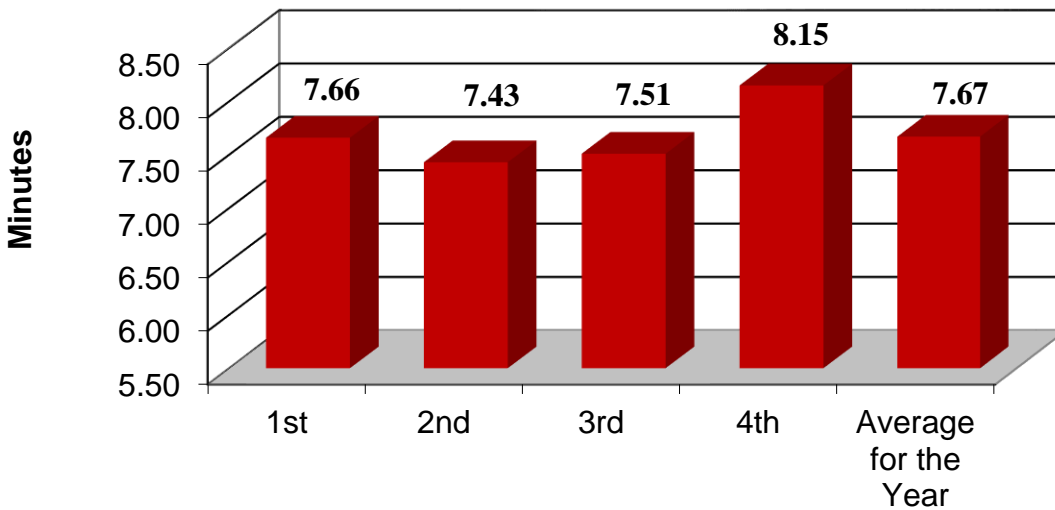
1st Shift: 6:00am – 4:00pm

2nd Shift: 4:00pm – Midnight

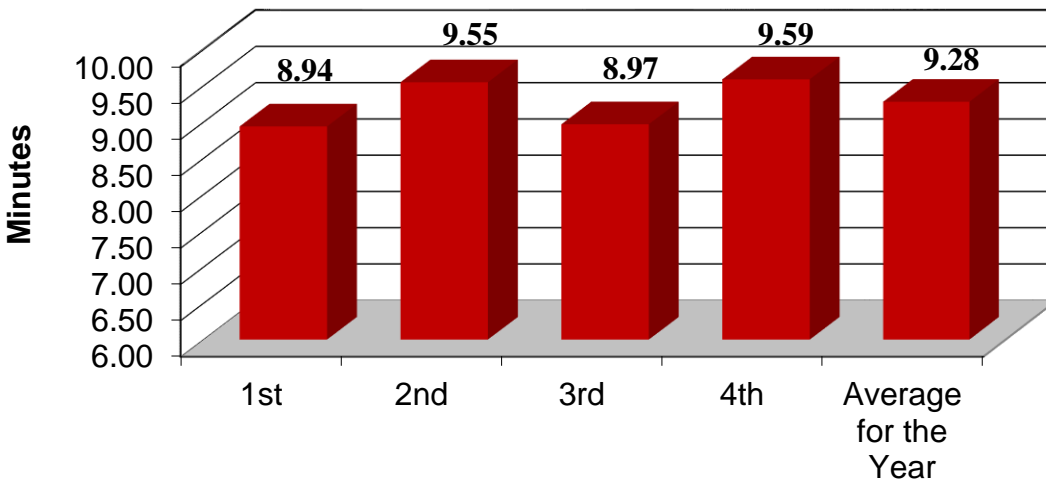
3rd Shift: Midnight – 6:00am

2017 INCIDENT RESPONSE TIMES BY QUARTER

City of Fenton

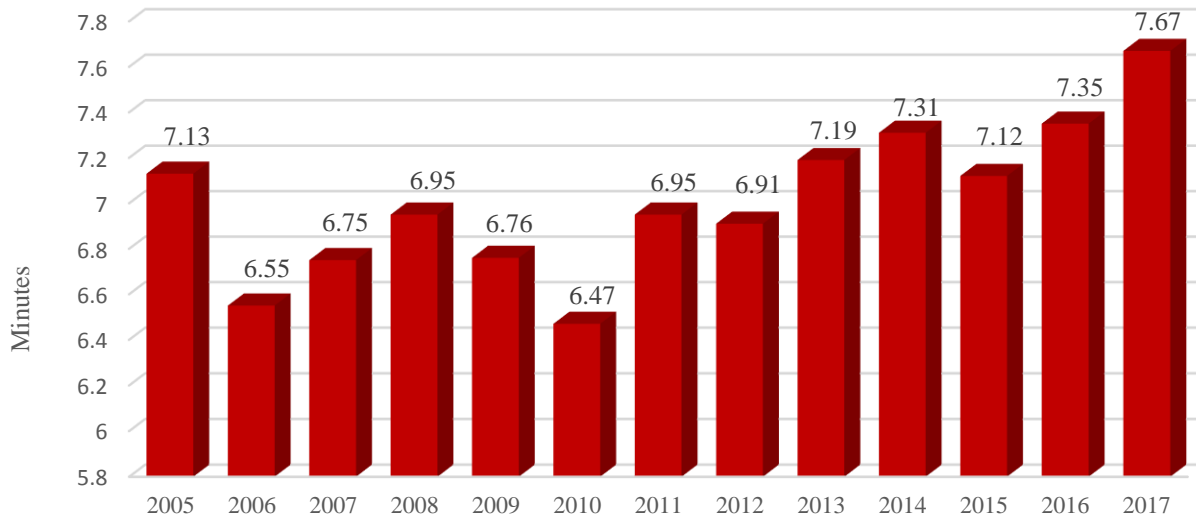


Tyrone Township

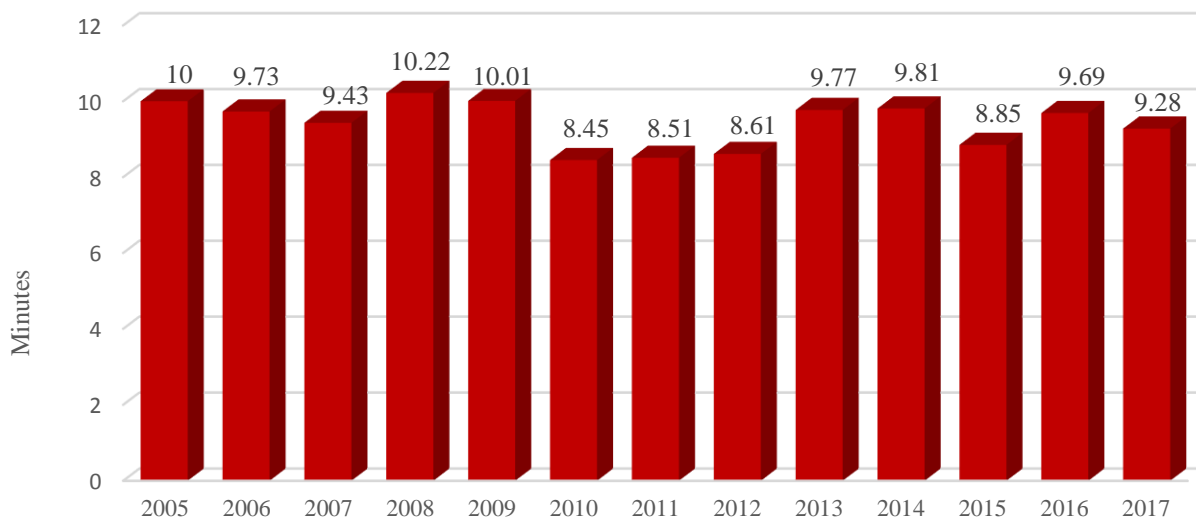


AVERAGE YEARLY INCIDENT RESPONSE TIMES

City of Fenton

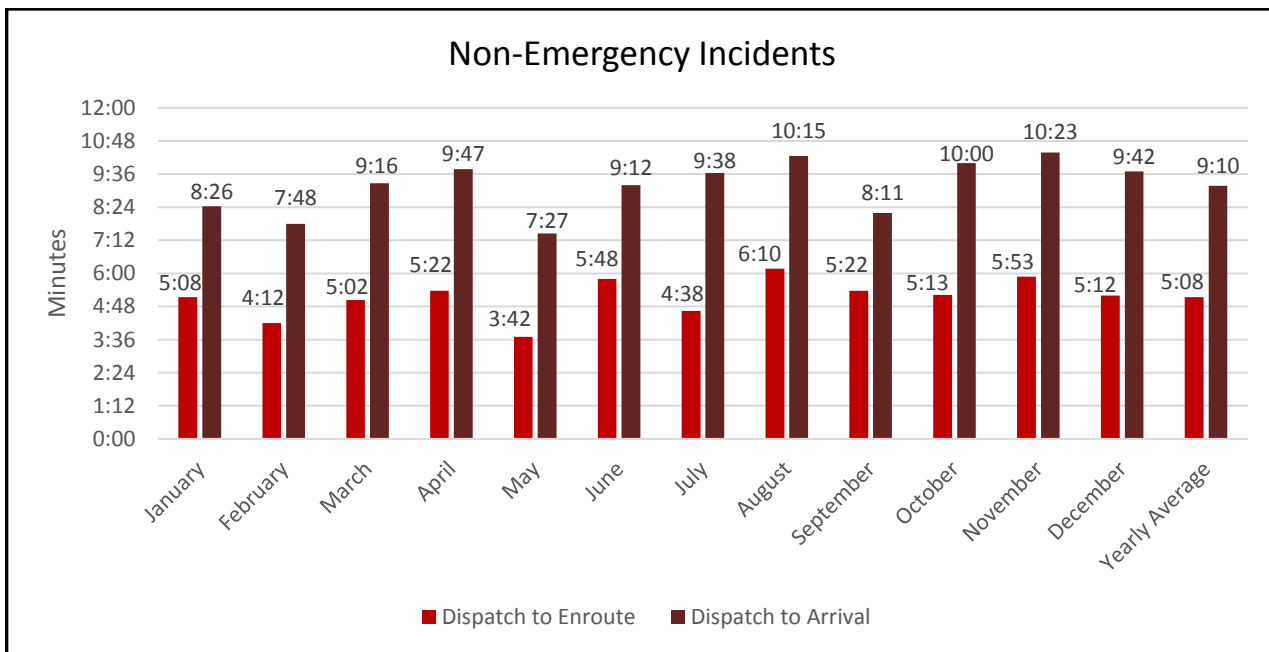
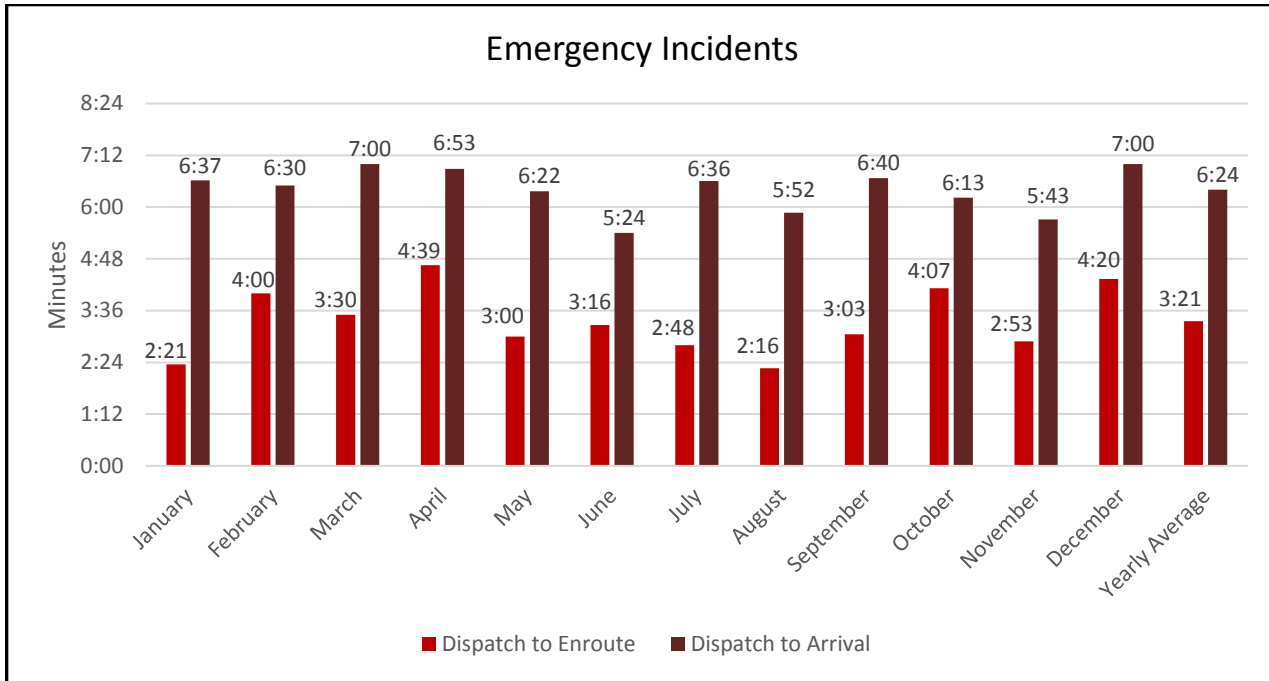


Tyrone Township



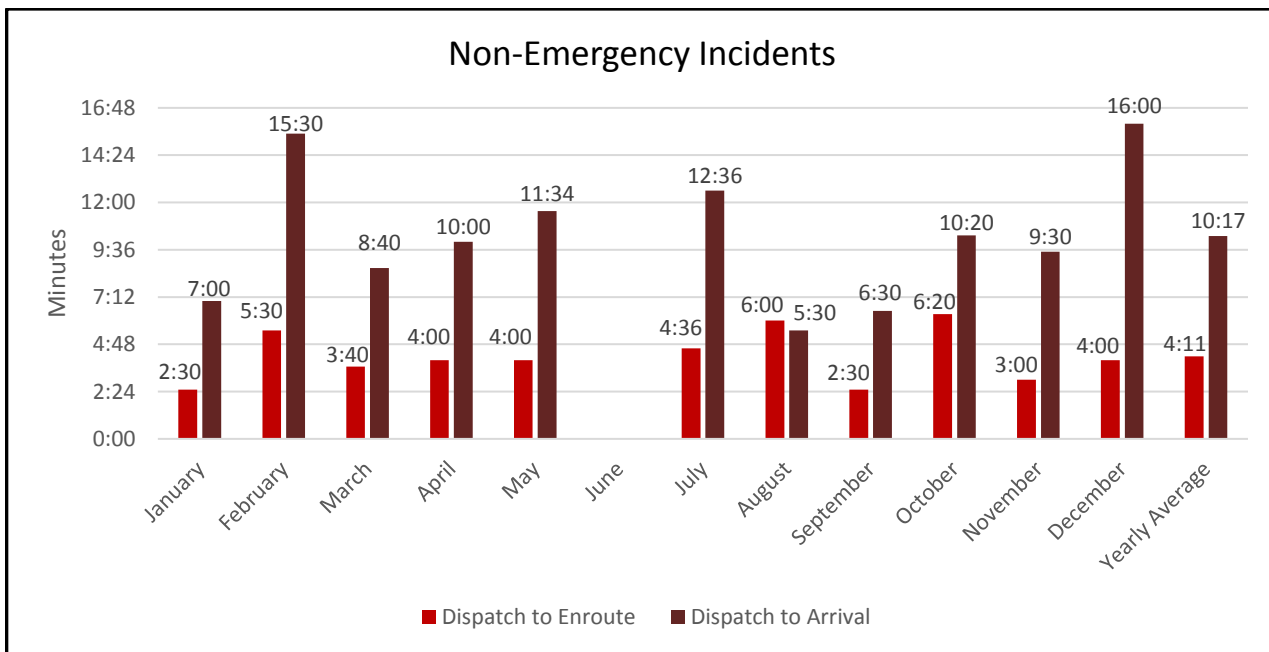
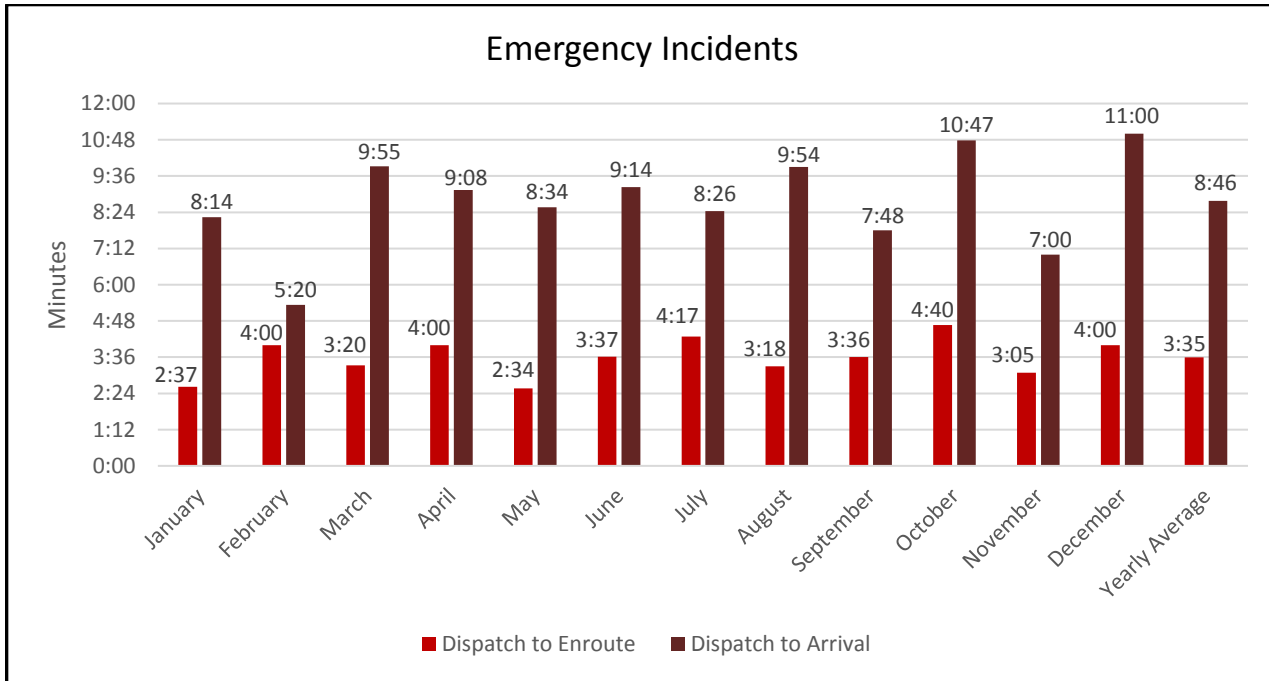
EMERGENCY VS. NON-EMERGENCY RESPONSE TIMES

CITY OF FENTON ONLY



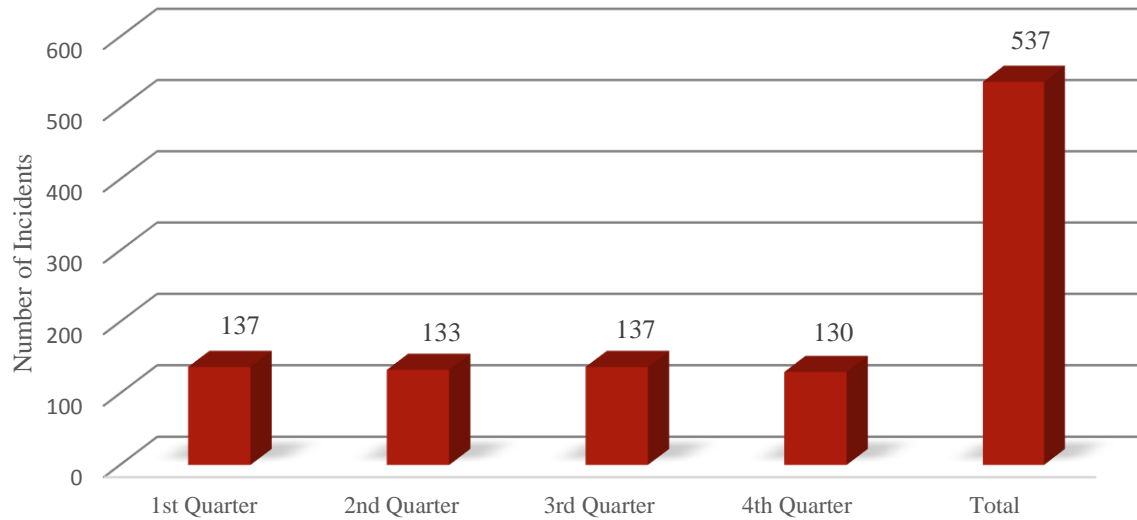
EMERGENCY VS. NON-EMERGENCY RESPONSE TIMES

TYRONE TOWNSHIP

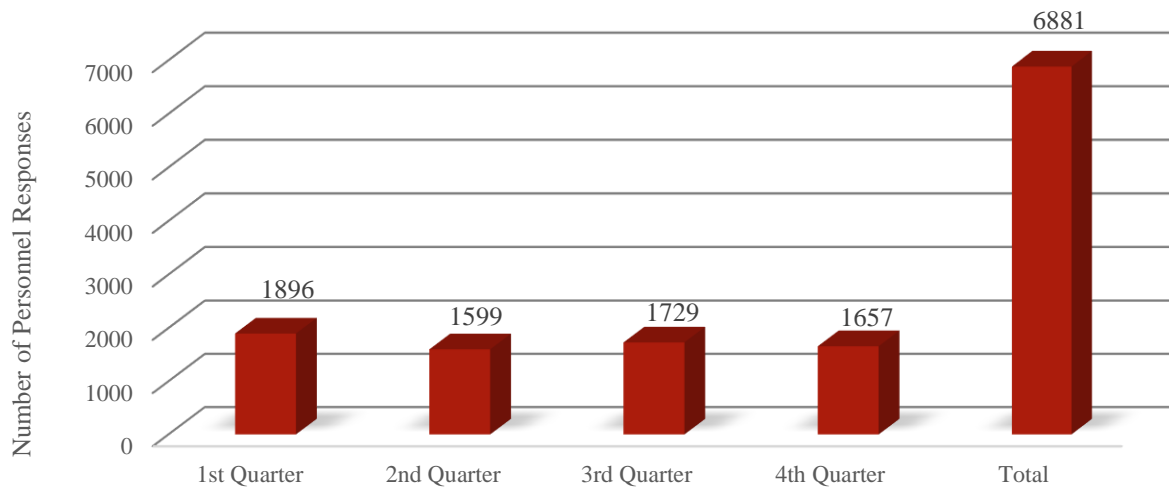


QUARTERLY INCIDENT PAYROLL

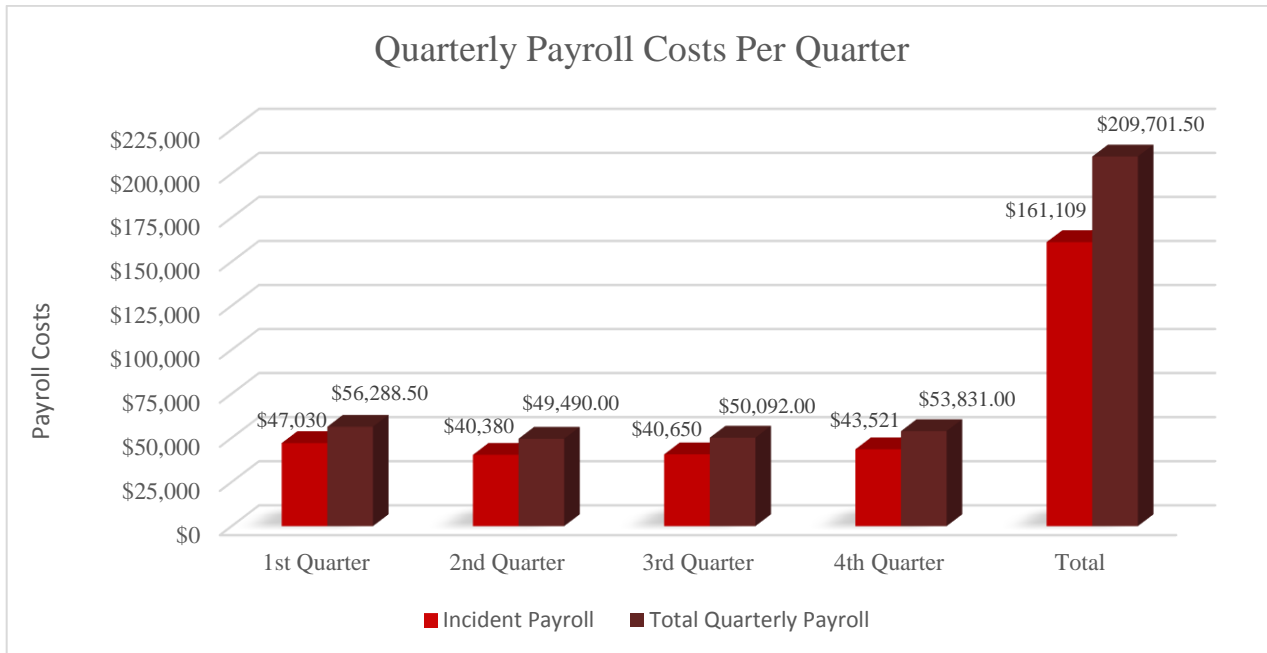
Number of Incidents Per Quarter



Number of Personnel Responses Per Quarter



QUARTERLY INCIDENT PAYROLL (CON'T)



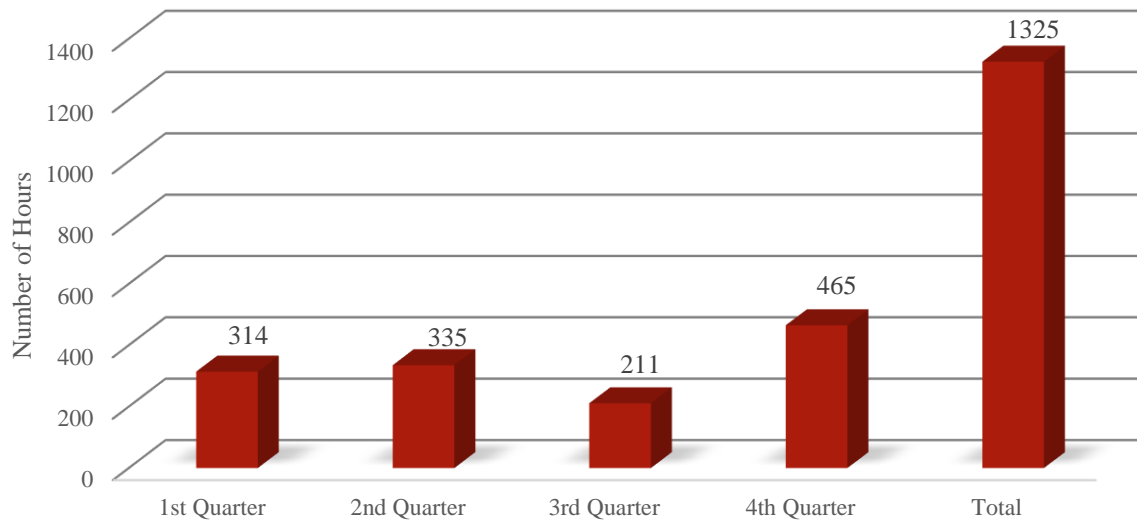
Incident Payroll includes incident responses and overtime pay.

Total Payroll includes incident payroll, training pay, fire prevention, officer pay, and weekend duty officer pay.

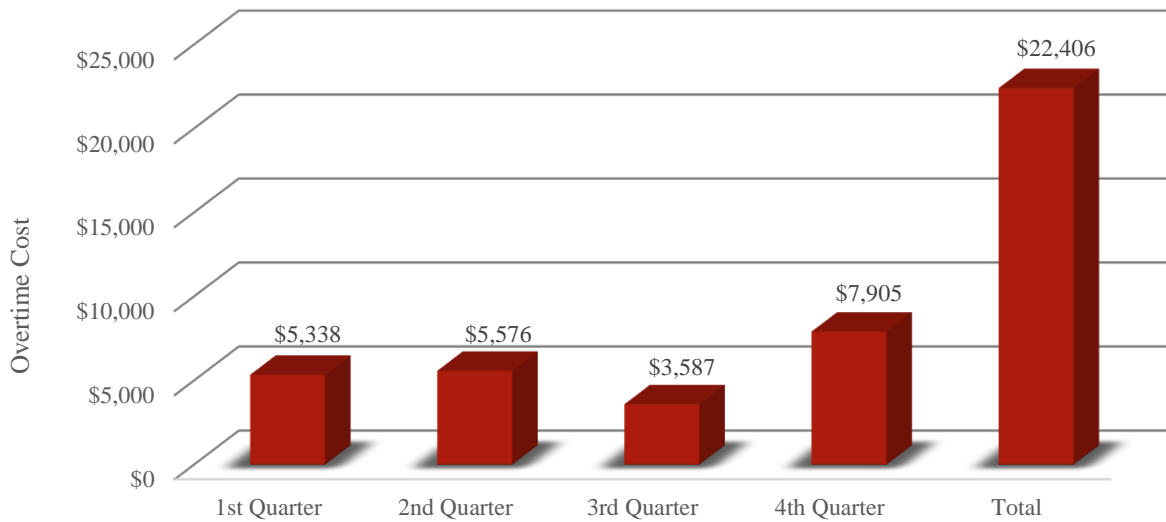
The fire chief, administrative assistant, and the duty shift are not included in these totals.

QUARTERLY INCIDENT PAYROLL (CON'T)

Overtime Hours Per Quarter



Overtime Cost Per Quarter





CITY OF FENTON FIRE DEPARTMENT
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