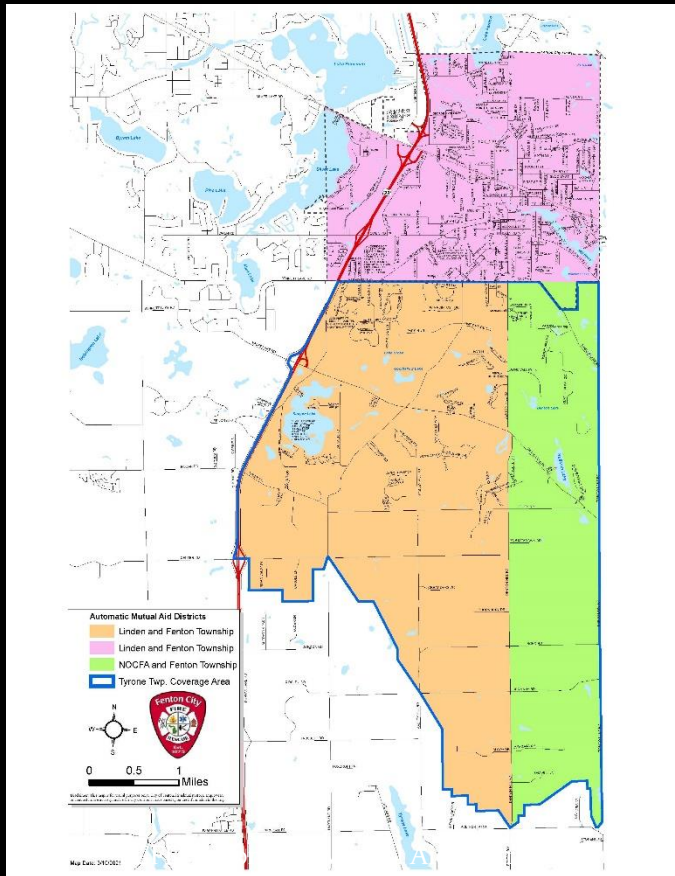


2022 Annual Report

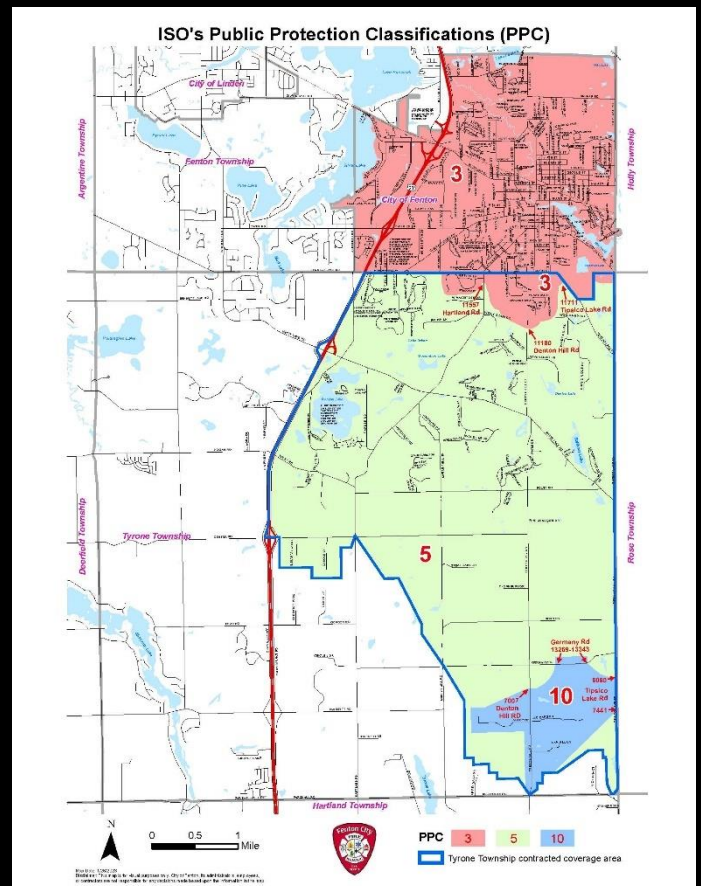


To protect life and property of the people of our community with the highest quality of service possible.

City of Fenton Fire Department



Fire Department Coverage Area



ISO Rating Map

CITY OF FENTON

YEAR IN REVIEW

It is my pleasure to present to you the annual report for 2022. This report details the activities of the 31 members of this department and the data from the incidents that we responded to throughout the year. Our members serve the residents and visitors in our community based on our motto of Service, Pride, and Tradition. These values ensure we are trained to provide quick and professional service to those that call for our assistance.

I hope this report is informative and helps to explain a little of what it is that our department does throughout the year.

Yours in Service,

Robert Cairnduff

Fire Chief



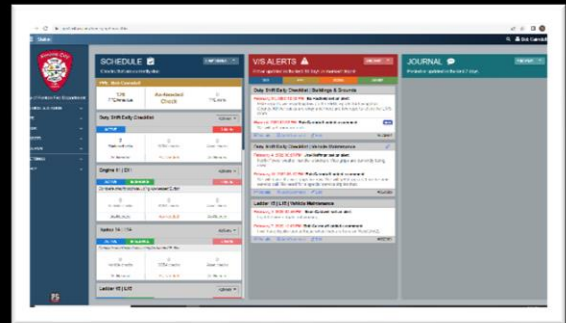
In 2022, the fire department responded to a total of 486 calls for service. This was a 7.25% decrease from the 525 incidents in 2021. The department averaged 40 calls for service per month in 2022. There were 339 incidents in the city which was an increase of only 2 calls from the 337 incidents in 2021. Our service area in Tyrone Township saw a 22% decrease of 41 incidents. We responded to 147 incidents in Tyrone Township during 2022 compared to 188 incidents in 2021. In return for our services Tyrone Township paid the city approximately \$217,000. The average response time to an emergency incident in the city was 7:04 minutes, while in Tyrone Twp the average was 9:51 minutes. Estimated property and contents losses from fires during 2022 totaled \$1,503,050. Those losses were \$1,407,550 in the city and \$95,500 in Tyrone Township. The total amount of property and contents saved was \$22,466,950! These estimated property and contents losses can fluctuate from year to year as these are estimated losses at structure and vehicle fires. Please read some of the highlights from 2022 below and the incident statistics later in this report.

HIGHLIGHTS OF 2022

We were fortunate to receive a grant from the Hundred Club of Genesee County. We submitted a grant request under their safety equipment grant program and we were awarded the grant in the amount of \$668. This was for the purchase of sixteen pairs of extrication gloves. These gloves are worn by our fire personnel while on scene at traffic accidents or other rescue related incidents. They have more mobility and dexterity than our structural firefighting gloves. We have been very fortunate over the years with the support we receive from the Hundred Club.

Our EMS provider for the city changed in 2022. On August 15th Medstar Ambulance took over as the primary provider for the City of Fenton. We enjoyed a great working partnership with STAT EMS for almost 12 years and we hope the new partnership with Medstar will work just as well.

The Department purchased a new vehicle and equipment tracking system in 2022. PSTrax was purchased and implemented in early 2022. This system allows for the electronic submission of our vehicle inspection check lists that are completed after each incident a truck responds on. Our daytime duty shift personnel are also able to enter all daily checklists and cleaning tasks that are completed in the system. We can also enter our PPE and hose inspections and testing records in the system. Previously, all of these were completed on paper. The change to the system has worked well and eliminated much of our "paperwork".



2022 was filled with maintenance projects around the station. We had a roof restoration completed that will last the station at least 20 more years. Our existing roof was 20 years old and beginning to show signs of failure. We had completed some minor repairs and needed to ensure our roof did not deteriorate more. We also had the four entry doors in the apparatus bay area replaced, including the steel frames. Lastly, we had the brick and mortar repaired above the arched windows on the office end of the station. The area above the windows had been leaking so we had the bricks repaired,



new mortar installed, and the seals around all the windows replaced. As our building ages we are trying to stay ahead of any major issues.

HIGHLIGHTS OF 2022 CONTINUED

There were several major incidents in 2022.

In March, we responded to a large natural gas pipeline explosion in Tyrone Township. Consumers Energy was cleaning and inspecting the pipeline when a rupture and explosion occurred. The pipeline crosses underneath US23 and the rupture occurred just north of Center Rd. Multiple vehicles were damaged but luckily only a couple of minor injuries were reported. The incident forced the closure of the highway in both directions as well and Runyan Lake Rd and Old US23 for hours as the debris was cleaned up.



In April we responded to a house fire with an adult victim trapped on the second floor of the home. Our crews were quickly able to control the fire and rescue the adult male via ladder out of his second story window. There were also two dogs rescued from the fire.

June brought two significant fires. First, we responded to the Village of Holly on June 21st to assist them with multiple structure fires in the Battle Alley section of town. Our ladder truck and crews were assigned to contain the fire in the Andy's Place restaurant and to not let it



spread down the block. We were able to contain the fire to Andy's Place and save the Holly Moose Lodge, Balcony Books, and Balcony Antiques. The fire burned multiple buildings including the Holly Hotel. The weather was extremely warm and windy and added to the difficult fire conditions. Then, on June 28th we responded to Mill St in the city for a fire at the Relief and Resource speakeasy and the El Topo Restaurant. This fire started outside and quickly spread to an adjacent barn, vehicle, and then the speakeasy and restaurant. Our fire personnel were met with heavy fire in multiple structures when

they arrived. We were very fortunate that the quick actions of the fire crews saved the adjacent business and neighboring residential homes. Both large fires relied heavily on neighboring departments to provide mutual aid.



HIGHLIGHTS OF 2022 CONTINUED

A picture of the Holly fire featuring our ladder truck was the cover photo for the fall edition of the Michigan State Firemen's Association "Fireplug" magazine.

In December we sent a truck to Richland Township in Saginaw County to assist at the large grain storage bin fire that destroyed 3 million bushels of corn. We responded to this fire through a request for resources under the MI-MABAS (Michigan Mutual Aid Box Alarm System). Our crew spent 12 hours on scene and relieved crews that had been on scene for over 24 hours.



In March, the department received two awards from the Salvation Army of Genesee/Shiawassee Command. One award was received for our efforts in assisting the Salvation Army collecting money through the "Ringing the Bell" campaign. The second award was for our two "Fill the Truck" events that collected the most new toys and clothes for children in need.



HIGHLIGHTS OF 2022 CONTINUED

In October, one of our Fire Prevention Specialists, Firefighter Sean Caldwell, was interviewed on WJRT Channel 12's Good Morning Mid-Michigan program. Five different fire departments from around the County participated as part of National Fire Prevention Week. Each department spoke about different fire prevention topics. Sean kicked off the week on Monday and did a great job of setting the stage for the fire prevention discussions featured all week.



departments as well as responders from three EMS agencies. There were awards handed out for CPR saves and unit citations for several rescues. The program was well attended and packed the council chambers. It was a great night honoring our first responders.

In November, we held an Awards Night at the Fenton City council meeting. We presented 36 awards to 27 different responders from our fire, police, and dispatch



The Department was able to utilize the property next to the fire station, that the DDA had purchased, for multiple trainings in 2022. Before the structure at 106 N. Pine St is demolished, the firefighters are using the buildings as often as we can. In November, we held a RIT or Rapid Intervention Team training with two of our mutual aid partners. Firefighters from the city, Fenton Township, and Linden spent the majority of a Saturday learning and practicing RIT techniques in the vacant building.



HIGHLIGHTS OF 2022 CONTINUED

We continue to be engaged with the community and try to be an active participant in the many community events. We believe that by being an active member in our community we gain their confidence and support, while also providing valuable face to face recruiting for the department. In 2022, we were a part of the following community events: National Night Out, Fenton Education Foundation back to school breakfast, Fenton Rotary Veterans breakfast, St. Johns Apple Fest, Fenton Freedom Festival, Fenton Homecoming, Fenton Jingle Fest, Fenton Area Schools Hero's game, FARR Thanksgiving Baskets, Kiwanis Club Safety Town, Rescue 9-1-1 kids camp, and many fire prevention tours and programs.

City Of Fenton

Sue Osborn – Mayor

Patricia Lockwood – Mayor Pro Tem

Lynn Markland – City Manager

Tracy Bottecelli – Councilwoman

Scott Grossmeyer – Councilman

Brad Jacob – Councilman

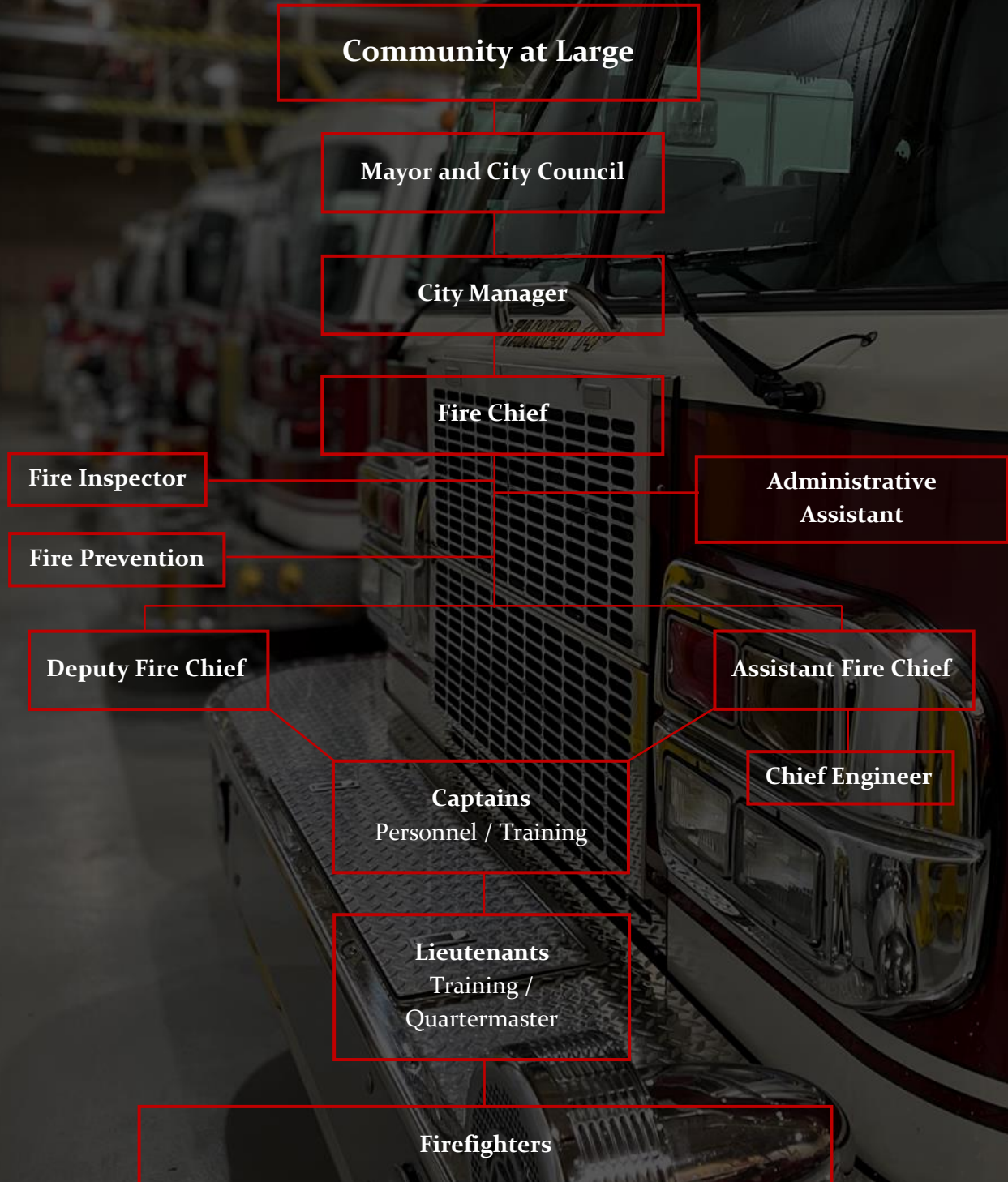
David McDermott – Councilman

Sean Sage – Councilman



CHAIN OF COMMAND

DEPARTMENT ORGANIZATION



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

Chief Engineer:

Craig Jensen

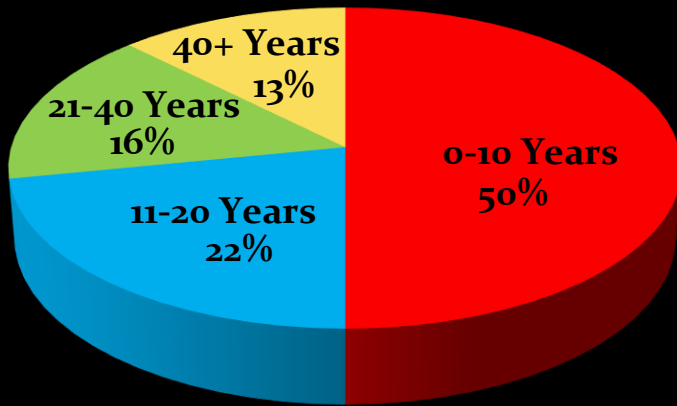
Service Date: 7/1981

FIREFIGHTERS

Name	Service Date	Name	Service Date
Caleb Alderman	9/2013	Jacob Korzenowski	12/2021
Paul Bond	5/2013	Dustin Lucius	11/2004
Brandon Brown	9/2013	R. Maksymowski	7/2004
Sean Caldwell	8/2017	Thufayel Miah	6/2018
Frank Carpenter	1/2007	Ian Oaks	8/2021
Matt Everhard	5/2009	Brian Pasienza	6/2019
Julian Gross	6/2015	Anson Ratke	9/2016
Matthew Hadfield	7/2007	Nick Schulz	11/2001
Tate Hall	9/2022	Lucas Shelton	12/2022
Joe Hoffman	6/2018	David Siburt	9/2014
Ryan Jenema	11/2006	Travis Whitman	4/2012
Michael Johnson	2/2010	Nick Wrisley	9/2022

Personnel Statistics

Fenton City Fire Department	
Budgeted Positions	35
Full Time Positions	1
Part-Time Positions	2
Duty Shift Positions	2

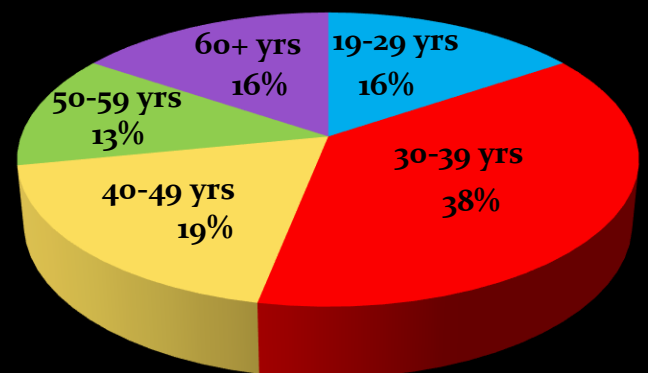


Years of Service

Years Served	# of Employees	Overall %
0-10	16	50%
11-20	7	22%
21-40	5	16%
40+	4	13%

Personnel Demographics

Age (in years)	# of Employees	Overall %
19-29	5	16%
30-39	12	38%
40-49	6	19%
50-59	4	13%
60+	5	16%



FIRE DEPARTMENT AWARDS

Each year at the Firefighters Christmas party, awards are given out for service anniversaries and the firefighter of the year. These awards are purchased and presented by the Firefighters Association.

SERVICE AWARDS

This year we had five personnel receive service awards.

Sean Caldwell	Five years
Travis Whitman	Ten Years
Matt Hadfield	Fifteen years
Ed Hadfield	Forty years
Scott Smith	Forty Years



Captain Smith and Deputy Chief Hadfield

Deputy Chief Ed Hadfield and Captain Scott Smith each received forty-year service awards in 2022. They both joined the department on August 5th, 1982. Both are well respected members of this department, and both are a wealth of knowledge in so many different areas. They have each been mentors to many of the younger members of the department.

FIREFIGHTER OF THE YEAR

This year's recipient of the Firefighter of the Year (FFOY) award was Lieutenant Josh Sturgis. This award is given annually to a member of the Department and is voted on by the entire membership. Josh joined the Department in 2004 and in 2017 he was promoted to Lieutenant. He currently serves as one of our training officers. Josh went above and beyond this year making sure each member of the department was trained in RIT operations. Josh has a family history with the department and values the strong traditions we have. Lieutenant Sturgis was very deserving of the FFOY award.



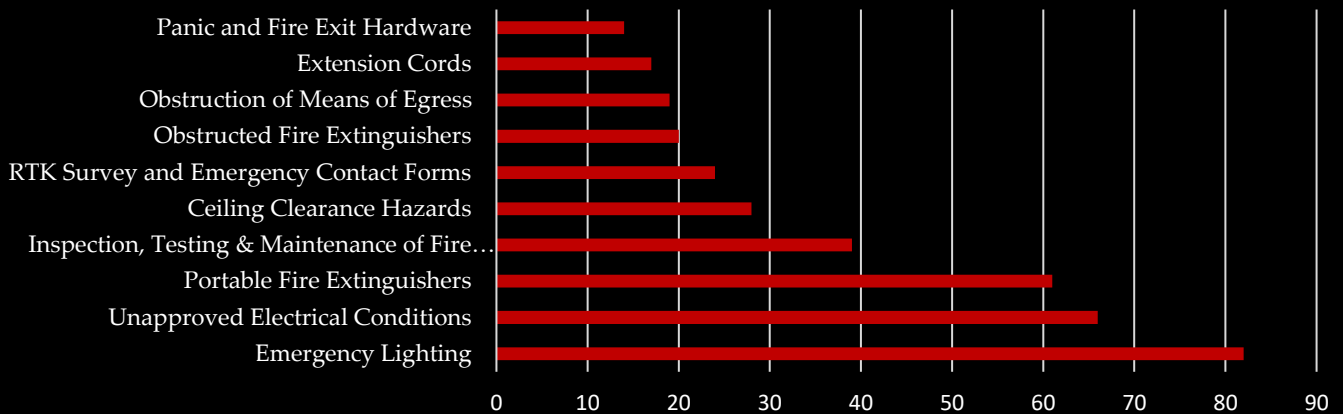
Lieutenant Josh Sturgis receiving his FFOY award

BUSINESS FIRE INSPECTIONS

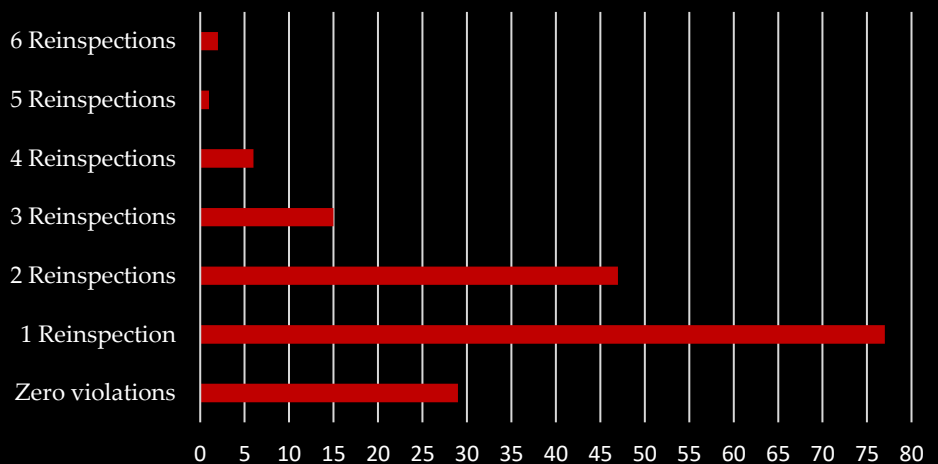
In 2022, our part-time fire inspector conducted a total of 178 initial annual business fire inspections. During these inspections, he found 440 fire code violations. Once the initial inspection is completed, the inspector returns for follow up inspections to ensure all deficiencies are taken care of. Our inspector conducted 265 follow up inspections to clear all of the deficiencies.

These commercial business inspections are an important function of the fire department. These fire inspections ensure that residents, employees, and visitors are safe in the businesses in our community. They also minimize the frequency of fires in our area businesses, keeping them open and operating.

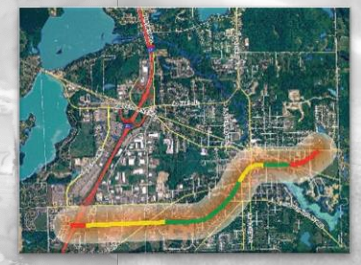
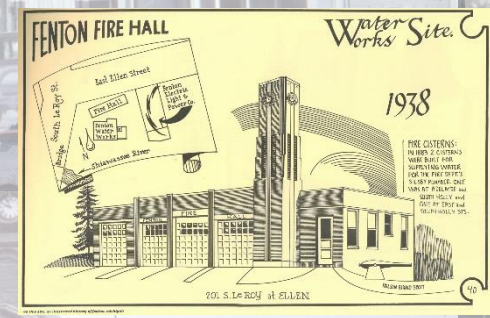
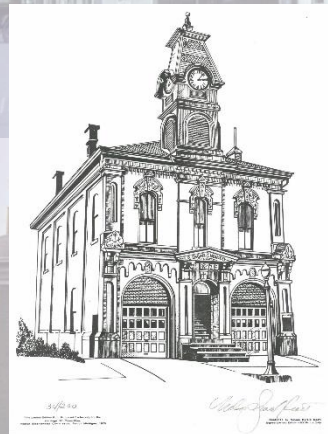
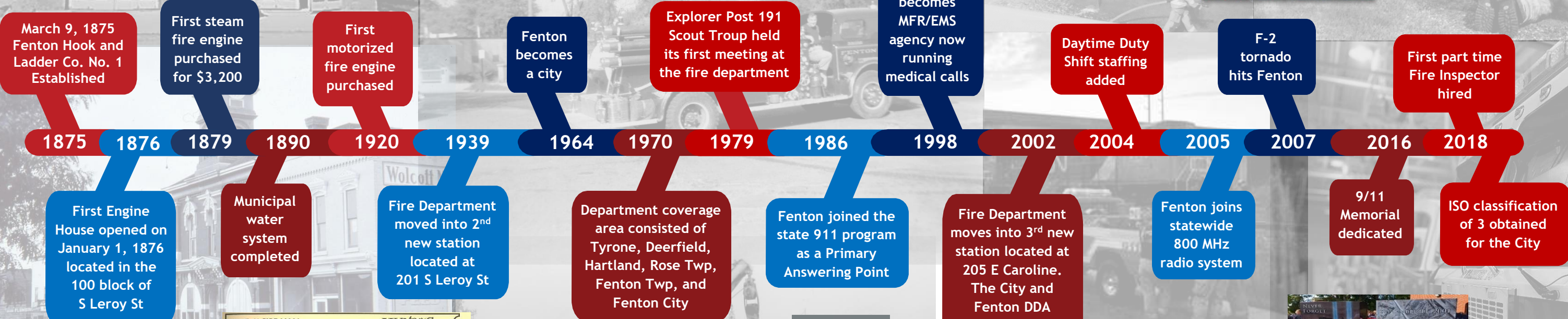
Top 10 Fire Code Violations



Number of Visits to Clear Violations



THE HISTORY OF THE CITY OF FENTON FIRE DEPARTMENT



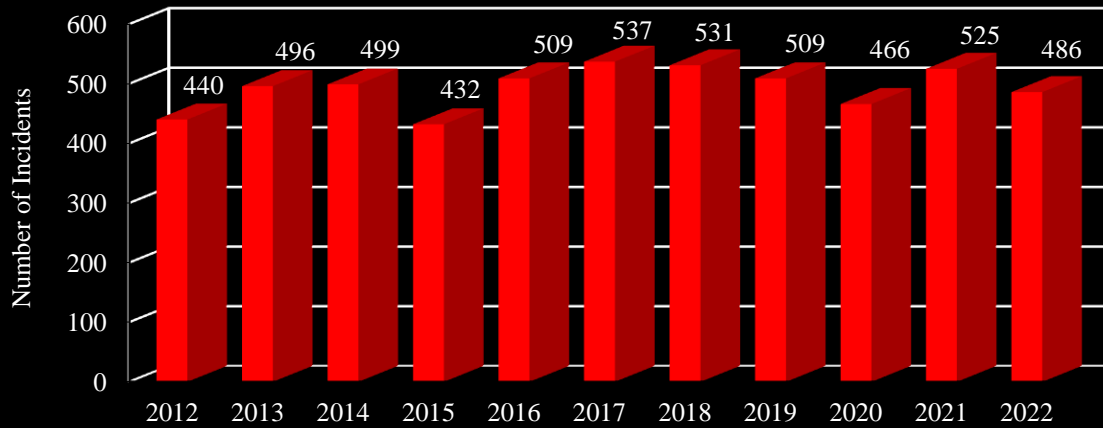


INCIDENT STATISTICS

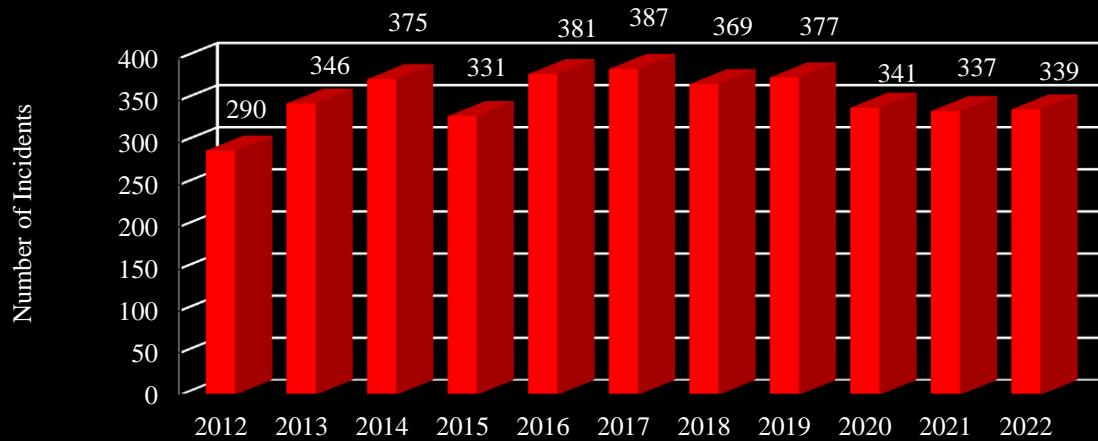
JANUARY 1, 2022 - DECEMBER 31, 2022

Number of Incidents 2012 – 2022

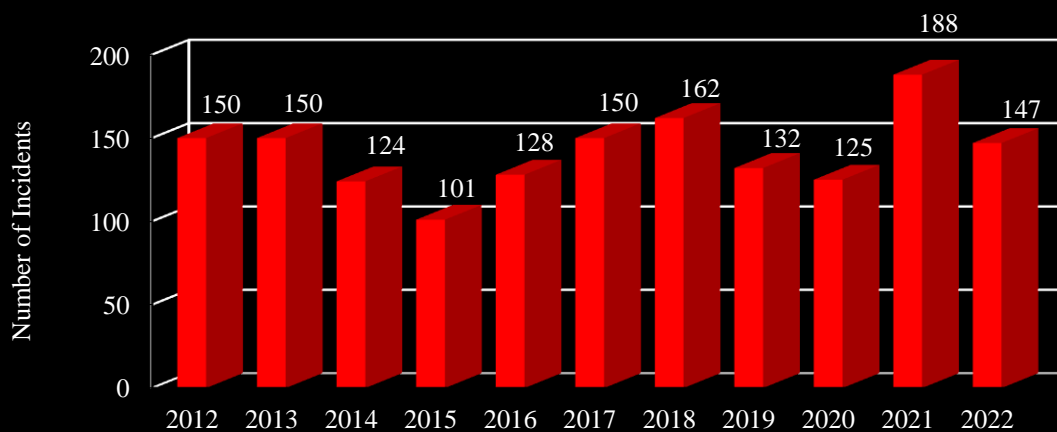
Total Incidents



City of Fenton



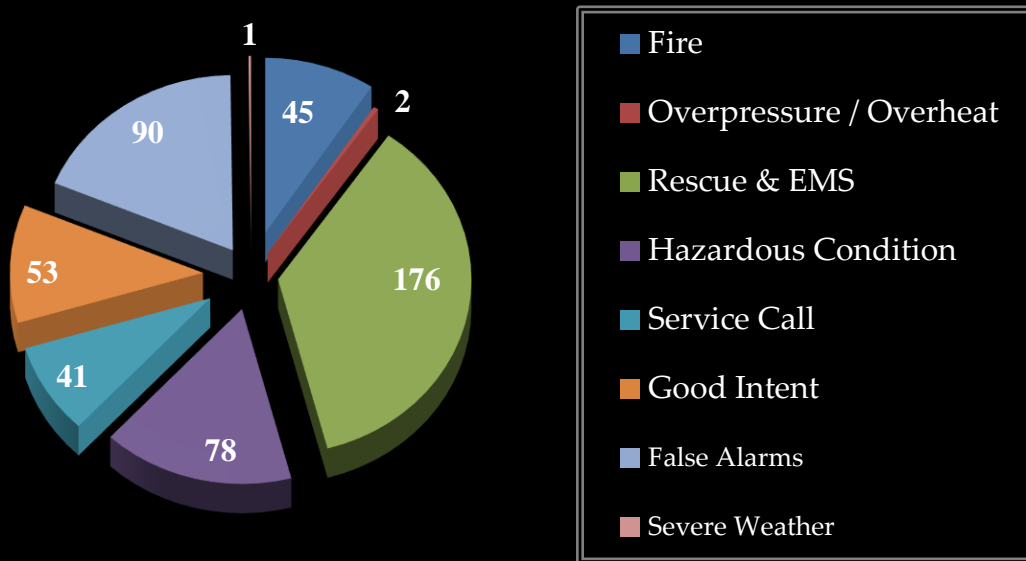
Tyrone Township



Incident Reporting

By Type of Incident

January 1- December 31, 2022



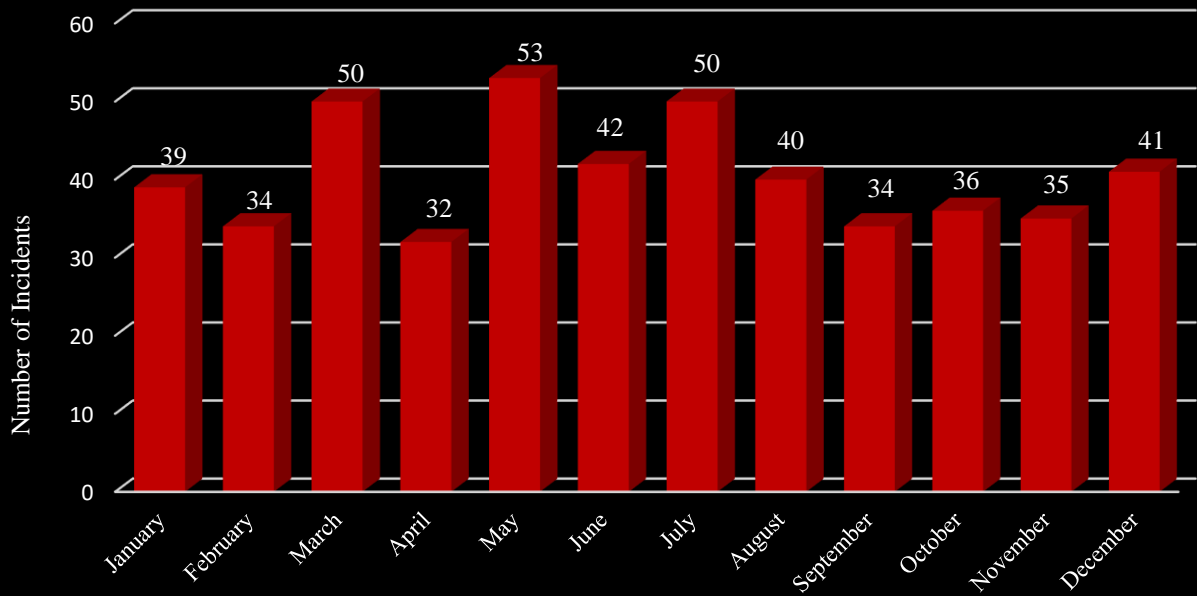
Type of Incident:

100's	Fire	45
200's	Overpressure / Overheat	2
300's	Rescue & EMS	176
400's	Hazardous Condition	78
500's	Service Call	41
600's	Good Intent	53
700's	False Alarm	90
800's	Severe Weather	1

Total Incidents: 486

Incident Reporting By Month

January 1 - December 31, 2022



Month

Number of Incidents

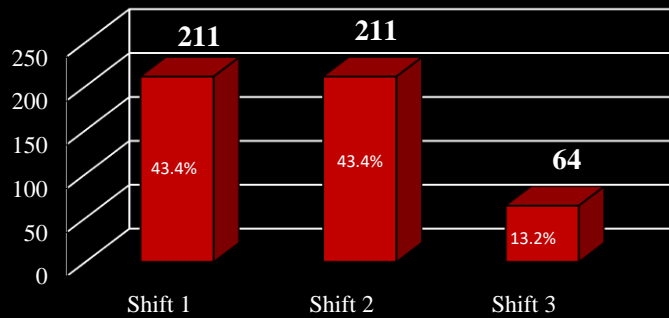
January	39
February	34
March	50
April	32
May	53
June	42
July	50
August	40
September	34
October	36
November	35
December	41

Total Incidents:

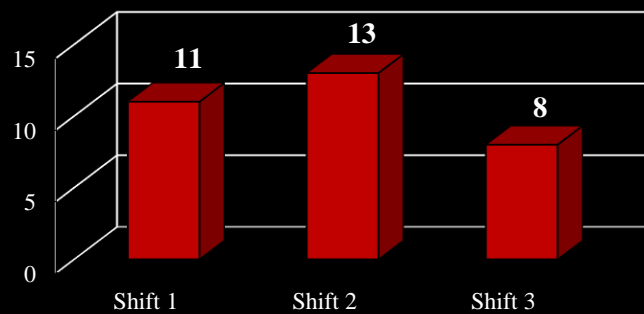
486

2022 Incidents by Shift

Total Incidents by Shift
(Total 486)



Average Number of Responses
Per Shift



1st Shift: 7:00am – 3:59pm

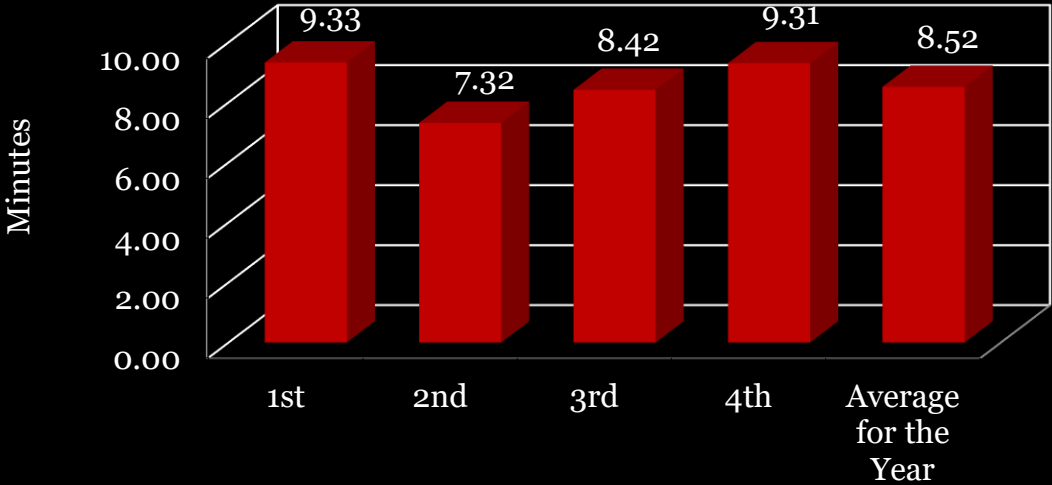
2nd Shift: 4:00pm – 11:59pm

3rd Shift: Midnight – 6:59am

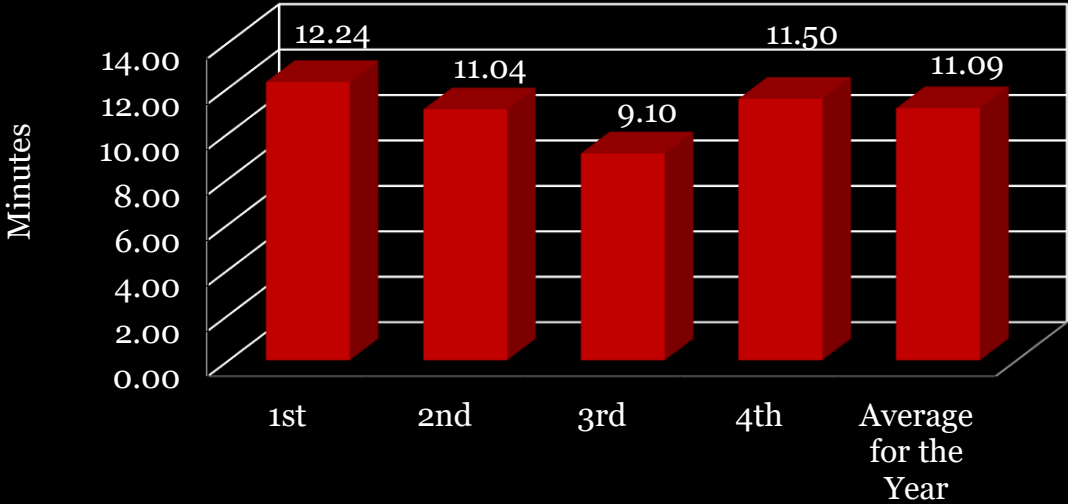
2022 Incident Response Times

By Quarter

City of Fenton



Tyrone Township

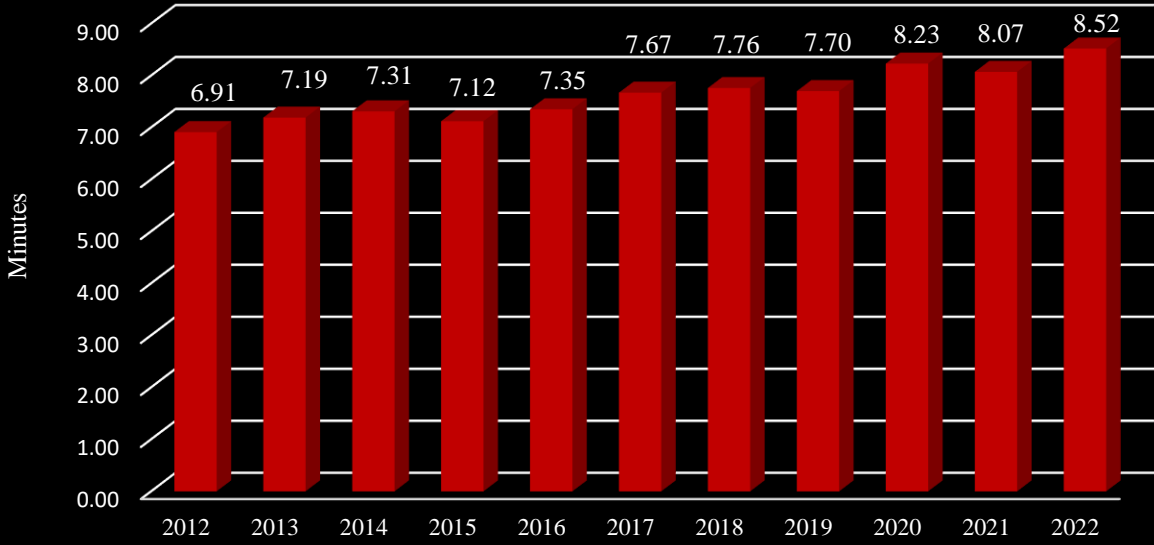


Times listed above include Emergency and Non-Emergency Incidents.

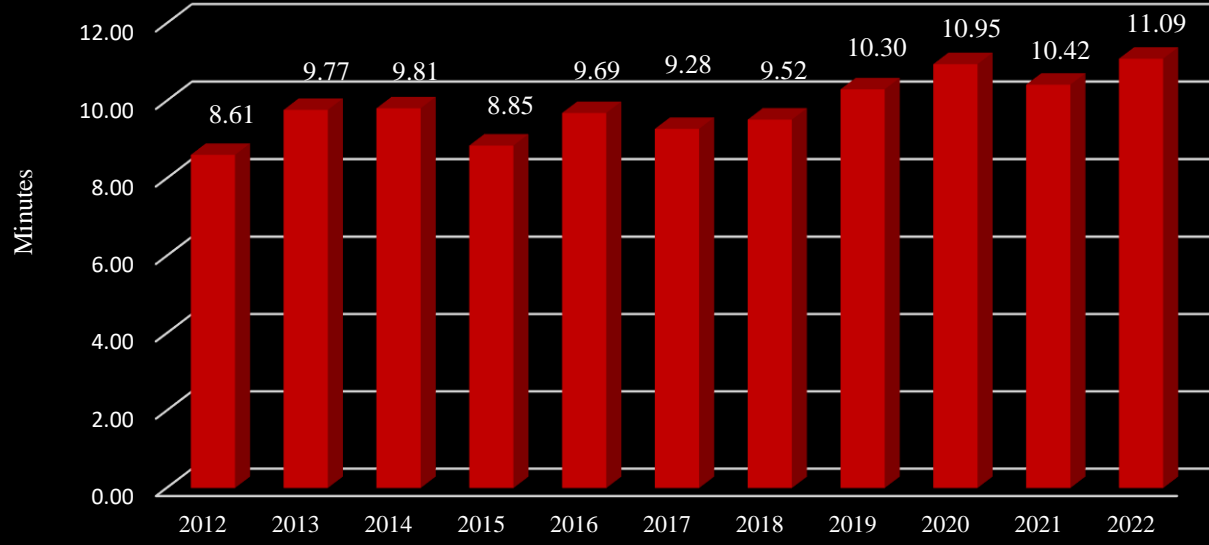
Average Yearly Incident Response Times

Total Incidents
Emergency and Non-Emergency

City of Fenton

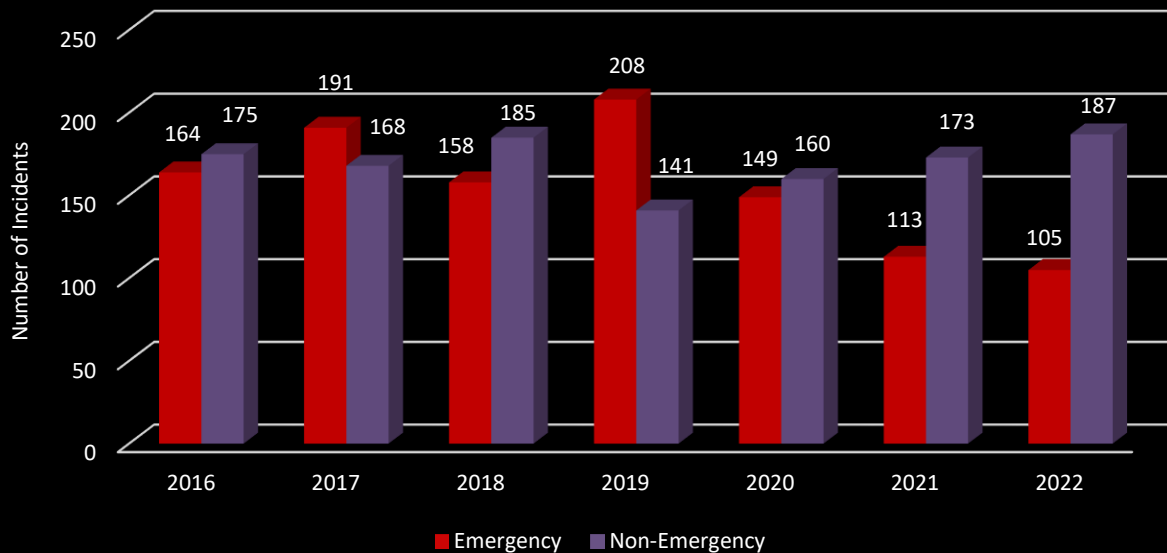


Tyrone Township

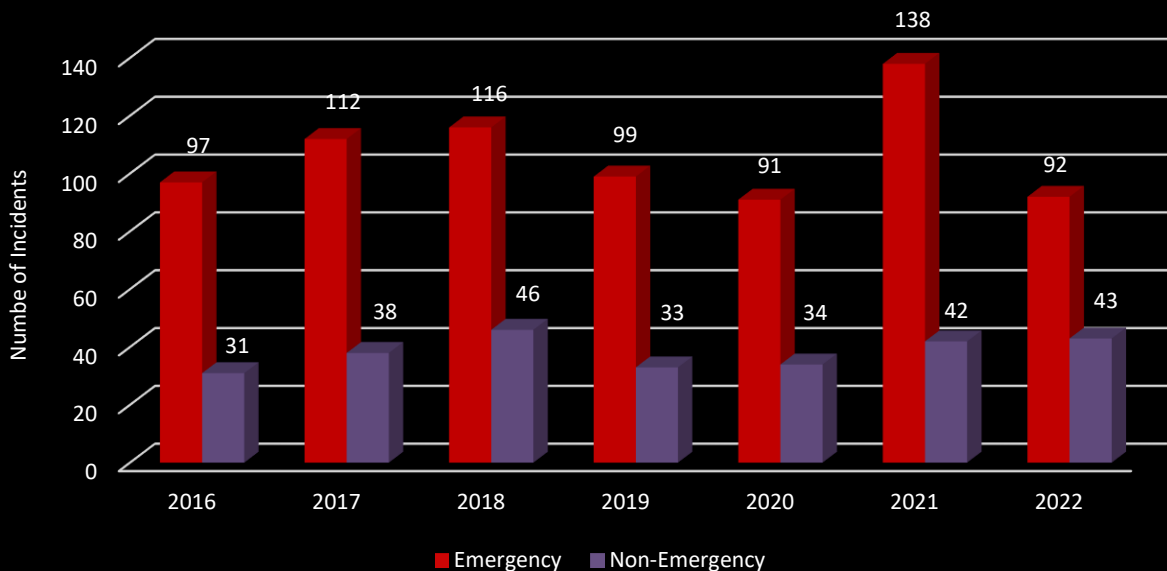


Emergency Vs. Non-Emergency Total Responses

City of Fenton



Tyrone Township



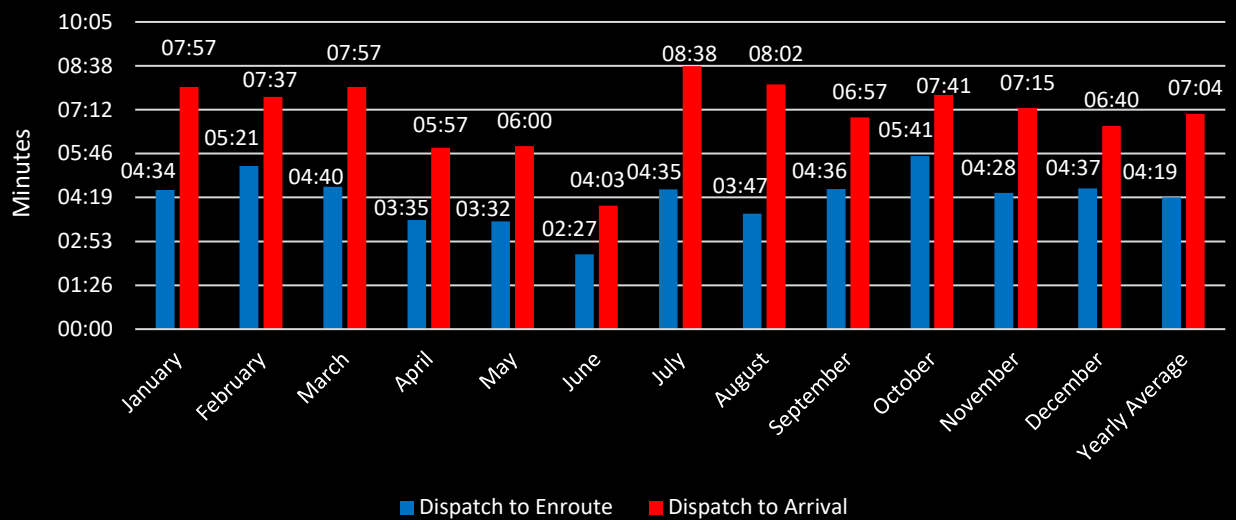
* Tracking of Emergency vs. Non-Emergency calls began in 2016 and as such, prior years are not available.

* The definition of an Emergency call is when the use of Lights and Sirens is required.

* Incident totals DO NOT include incidents where mutual aid is given to other departments or incidents that are canceled enroute.

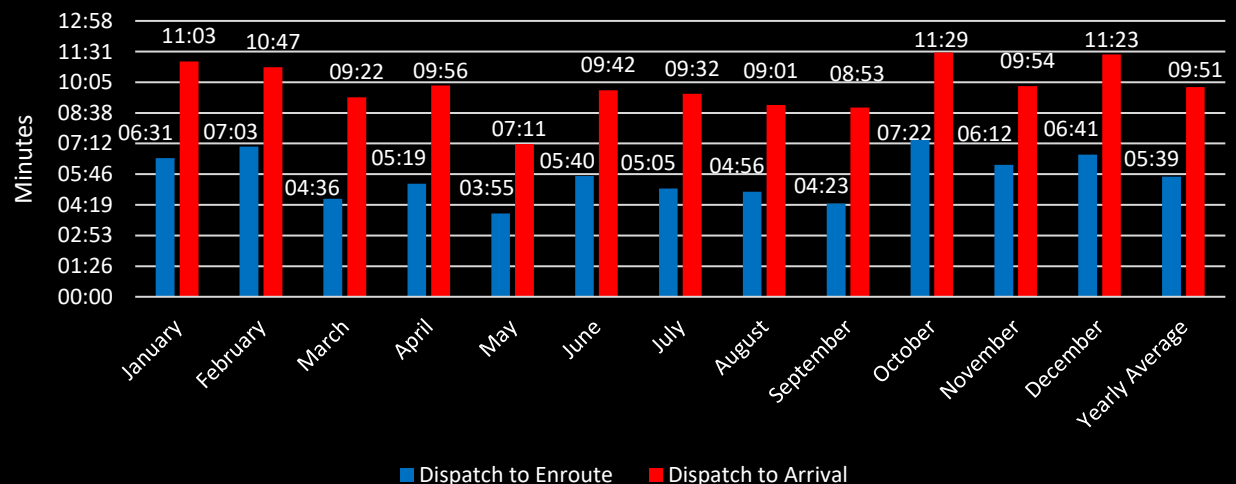
Emergency Vs. Non-Emergency Response Times 2022

City of Fenton Emergency Incidents



■ Dispatch to Enroute ■ Dispatch to Arrival

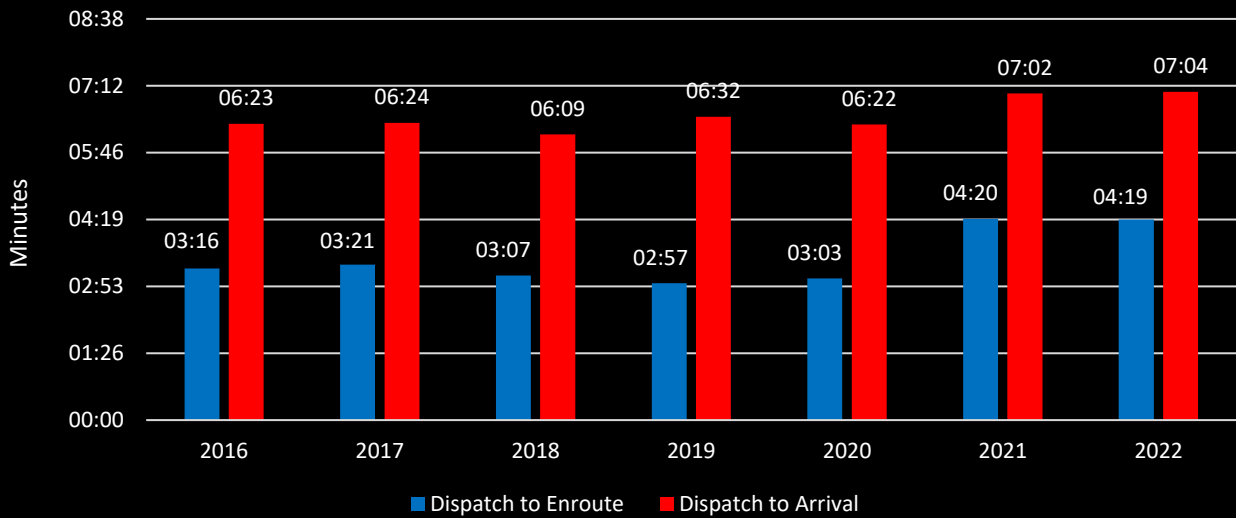
City of Fenton Non-Emergency Incidents



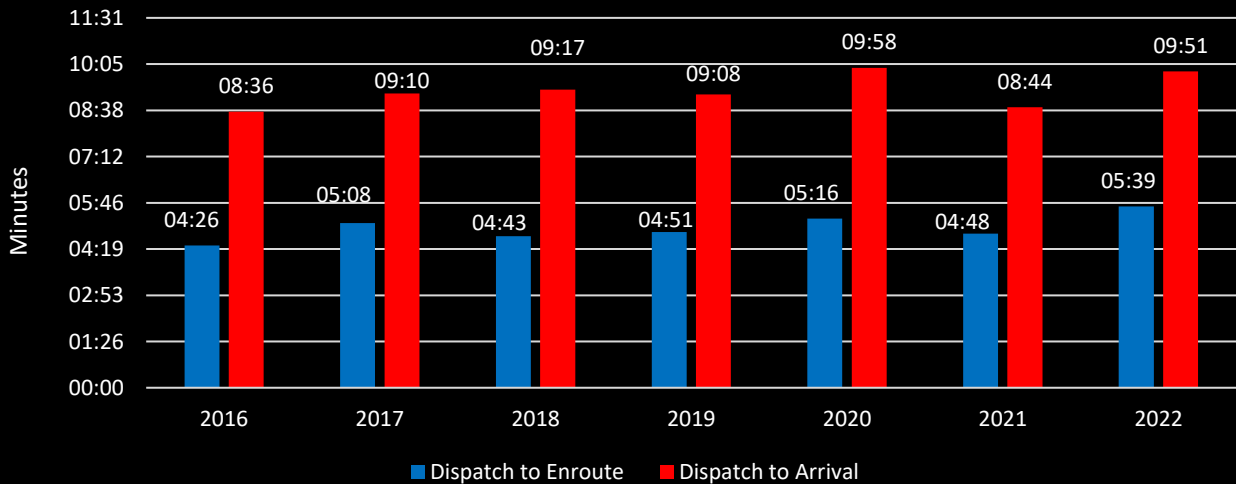
■ Dispatch to Enroute ■ Dispatch to Arrival

Yearly Average Response Times Emergency and Non-Emergency

City of Fenton
Yearly Average Emergency Incident Times

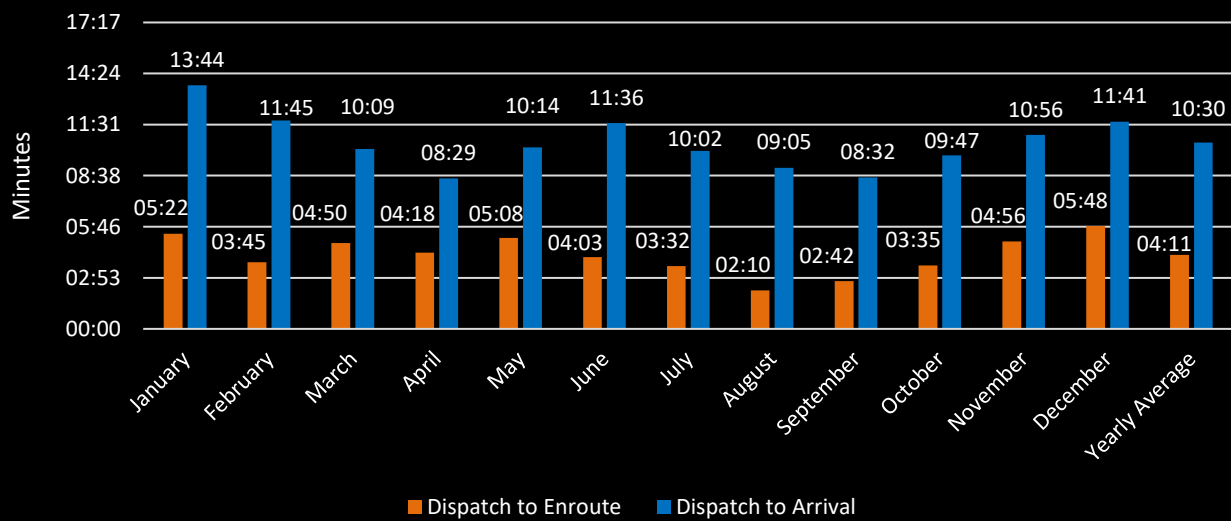


City of Fenton
Yearly Average Non-Emergency Incident Times

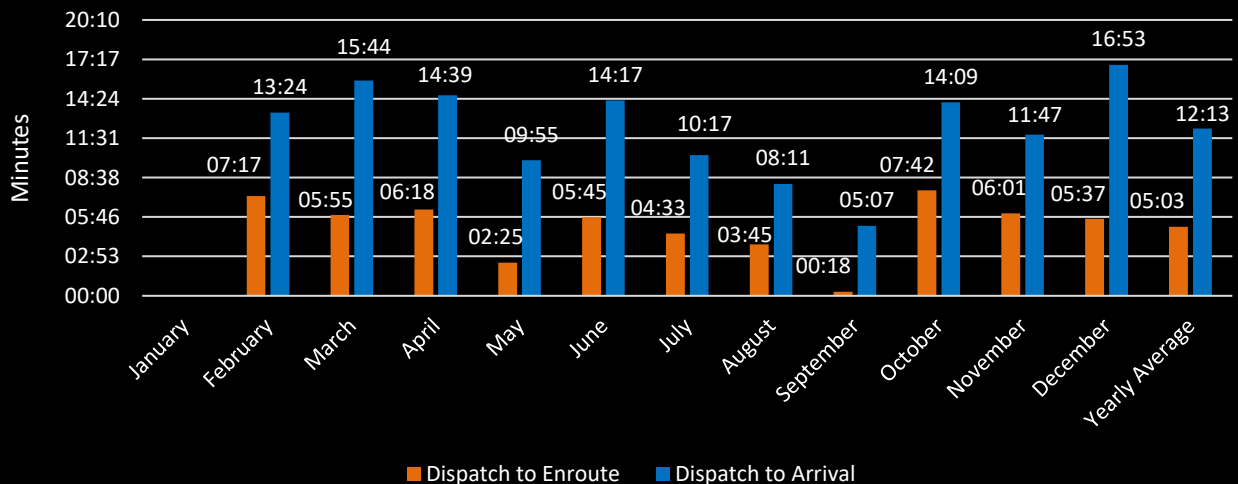


Emergency Vs. Non-Emergency Response Times 2022

Tyrone Township Emergency Incidents

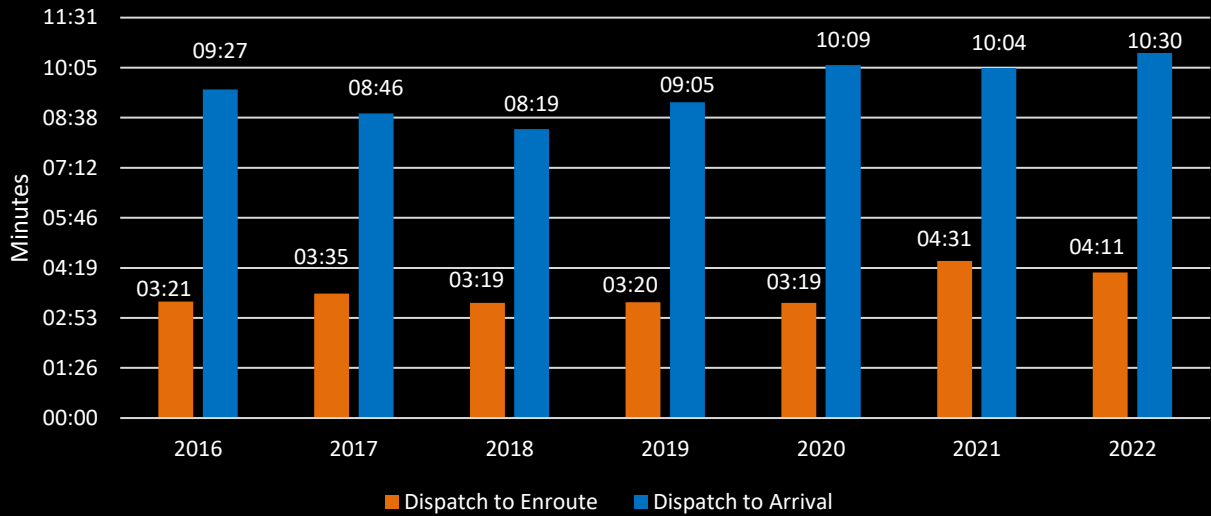


Tyrone Township Non-Emergency Incidents

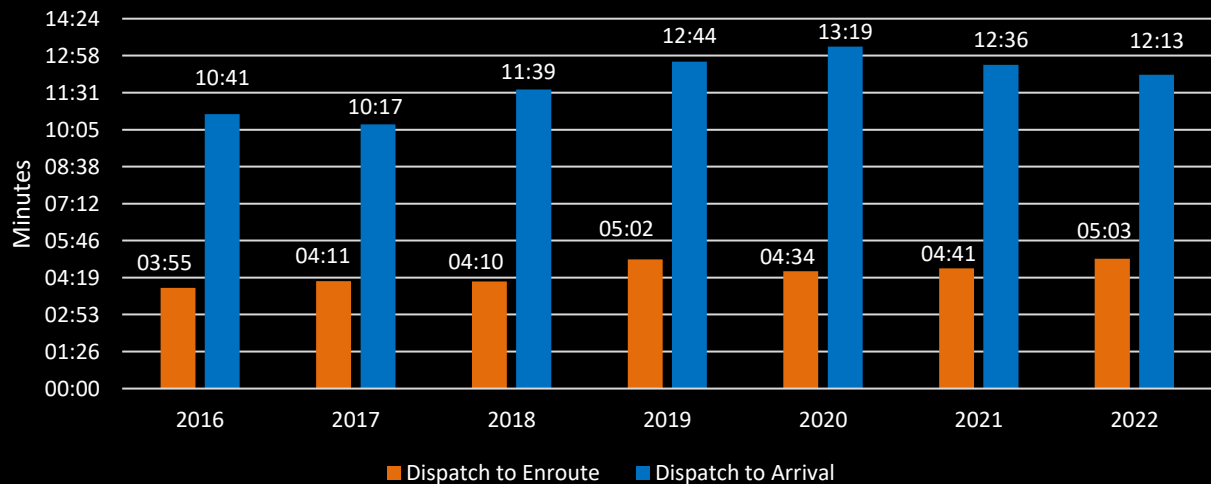


Yearly Average Response Times Emergency Vs. Non-Emergency

Tyrone Township Yearly Average Emergency Incident Times

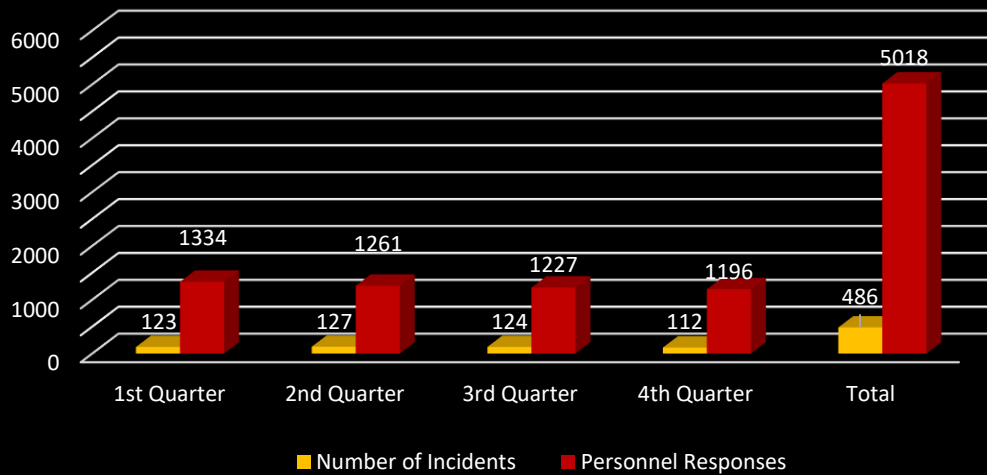


Tyrone Township Yearly Average Non-Emergency Incident Times

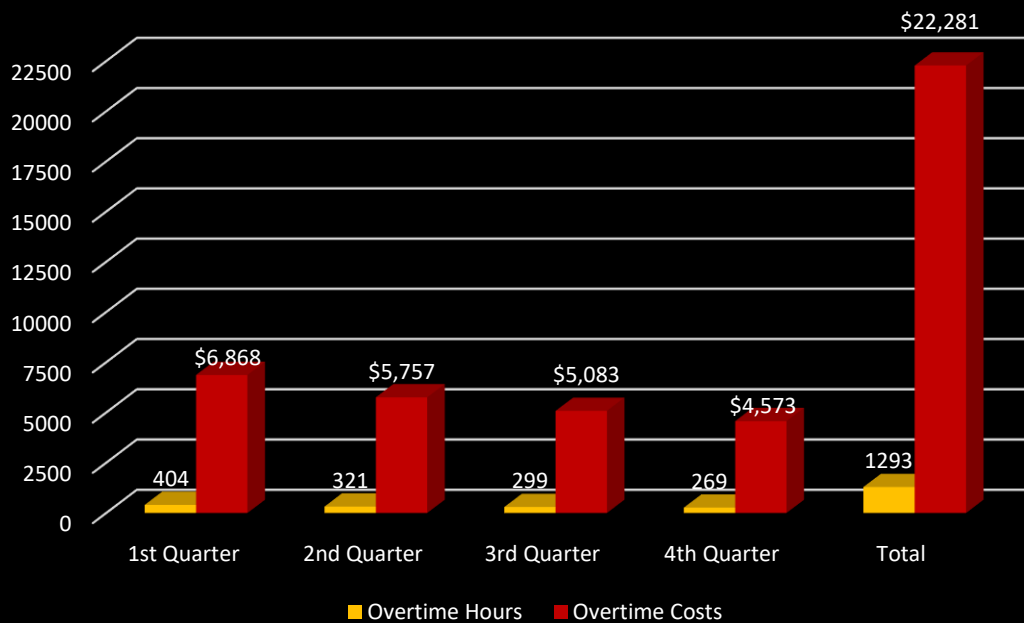


Quarterly Incident Payroll

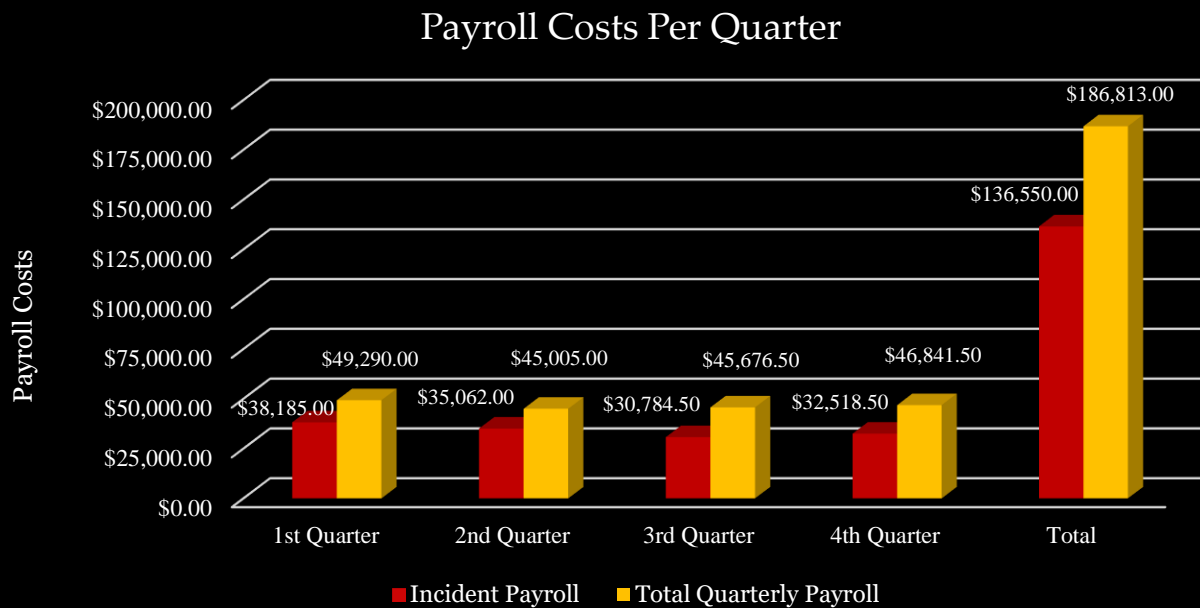
Incidents & Personnel Responses



Quarterly Overtime Hours & Costs



Quarterly Incident Payroll



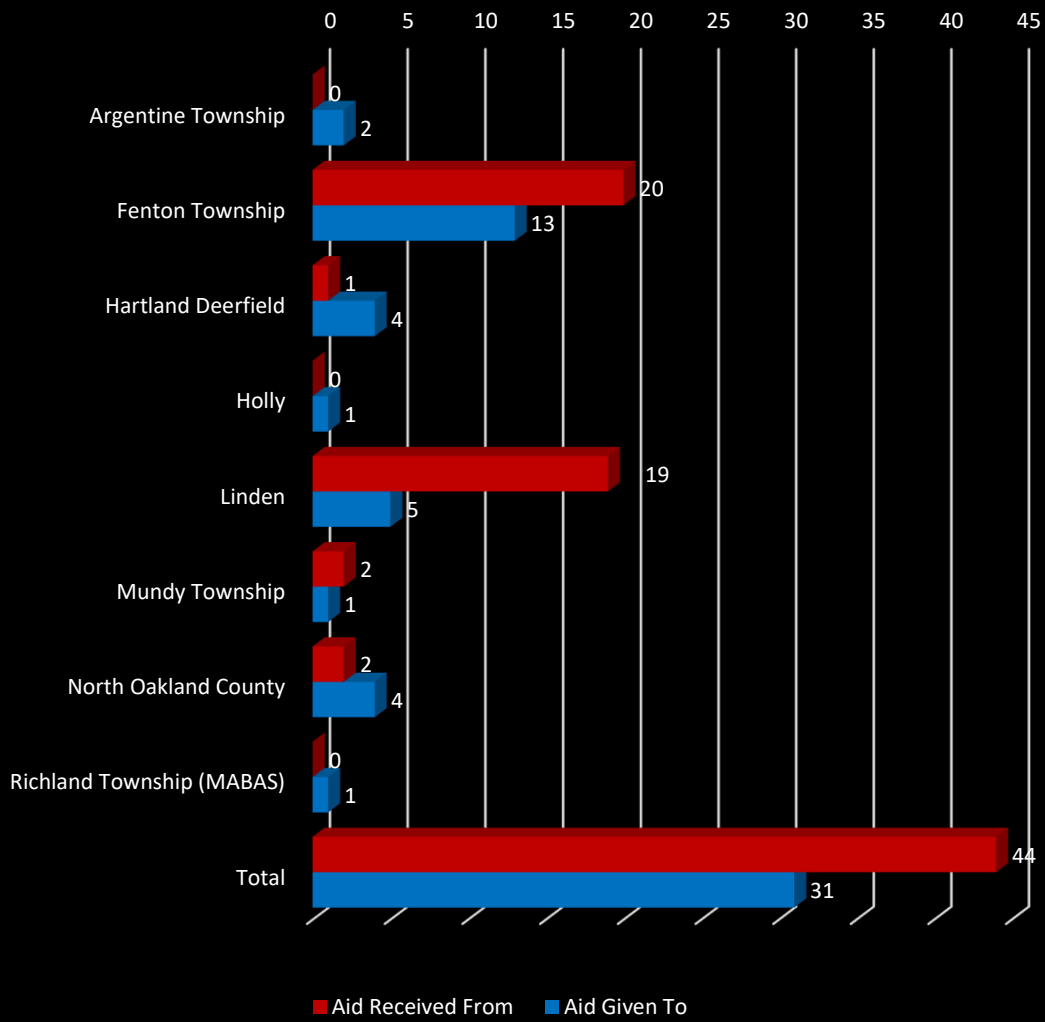
Incident Payroll includes incident responses, holiday pay, and overtime pay.

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

The Fire Chief, Administrative Assistant, Fire Inspector, and Duty Shift are not included in these totals.

Mutual Aid

Received From and Given To



**SERVICE
PRIDE
TRADITION**



CITY OF FENTON FIRE DEPARTMENT
205 EAST CAROLINE STREET
FENTON, MI 48430
(810) 629-8595
WWW.CITYOFFENTON.ORG

