

— 2023 —

ANNUAL REPORT

CITY OF FENTON
FIRE DEPARTMENT

SERVICE · PRIDE · TRADITION

FROM THE FIRE CHIEF



It is my pleasure to present to you the annual report for 2023. This report details the activities of the 26 members of this department and 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.

In 2023, the fire department responded to a total of 437 calls for service. This was a 10% decrease from the 486 incidents in 2022. The department averaged 36 calls for service per month in 2023. There were 283 incidents in the city which was a decrease of 56 calls from the 339 incidents in 2022. The 283 incidents in the city during 2023 is an 11-year low. Our service area in Tyrone Township saw a 5% increase of 7 incidents. We responded to 154 incidents in Tyrone Township during 2023 compared to 147 incidents in 2022. In return for our services, Tyrone Township paid the city approximately \$227,000. The average response time to an emergency incident in the city was 7:42 minutes, while in Tyrone Township the average was 10:28 minutes. Estimated property and contents losses from fires during 2023 totaled \$957,125. Those losses were \$537,1125 in the city and \$420,000 in Tyrone Township. The total amount of property and contents saved was \$35,591,875! These estimated property and contents losses can fluctuate from year to year as these are estimated losses at structure and vehicle fires.

While 2023 overall was a successful year for the department, we also dealt with the ongoing issue of recruitment and retention. We lost a total of seven firefighters in 2023 and did not hire any new personnel. This is a nationwide issue in the paid-on-call volunteer fire service. We anticipate needing to make changes to our staffing deployment model in the future and we continue to explore new recruitment methods.

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

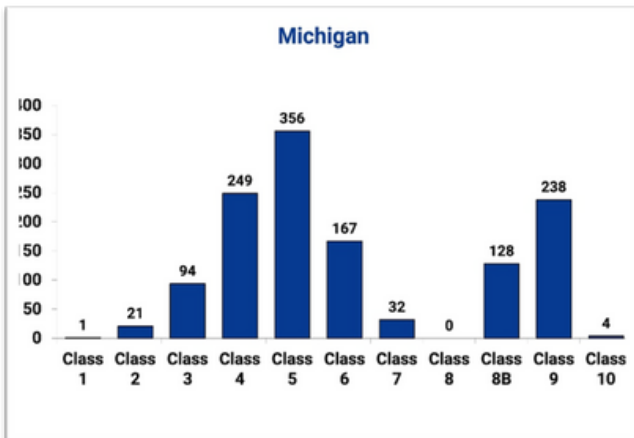
Yours in Service,

A handwritten signature in black ink that reads "Robert Cairnduff". The signature is written in a cursive, flowing style.

Robert Cairnduff
Fire Chief

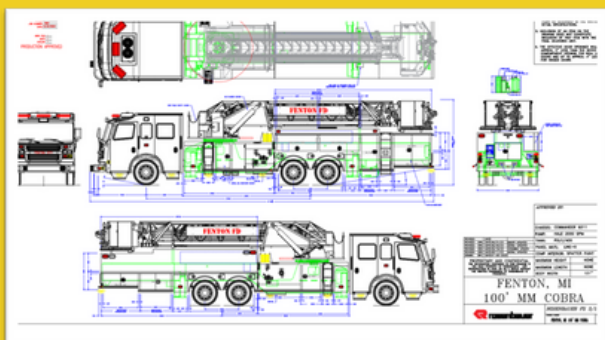


HIGHLIGHTS



The department went through an extensive review by the Insurance Service Office (ISO) in 2023. The review consists of a head-to-toe review of operations, our water distribution system, dispatch, and overall response activities. We were able to maintain our Property Protection Classification (PPC) rating of a 3 in the city and improved it to a 4 in our Tyrone Township service area. The PPC rating is on a 1-10 scale with 1 being the best score possible. Our rating of a 3 in the city puts us in the top 8% of departments in the entire state.

In April, Chief Cairnduff along with help from a few of our firefighters participated in the first ever “Cooking with the Chiefs” charity fundraiser. Our department partnered with the Fenton Fire Hall restaurant for the event. The event was a benefit for the Voices for Children Advocacy Center and was held at the Genesys Banquet Facility in Grand Blanc. Chief Cairnduff and his team brought home first prize at the inaugural event.



In February, the department presented to the city council their plans for the purchase of a new tower ladder truck. This truck is to replace the existing 2005 Sutphen ladder. The department formed a ladder replacement committee well over a year ago and spent many months researching and designing a new truck. Bids were sought out and the committee brought a recommendation to the city council to purchase a new 100' Rosenbauer ladder truck from Front Line Services for \$1,479,000. Production of the truck is anticipated at 22 months with delivery in early 2025.

In April of 2023, the department had its first ever on-site firefighter physicals and cancer screening. In the first year of this three-year program, our firefighters received a full physical including a complete hands on physical, blood testing, urinalysis, vision test, hearing test, pulmonary function test, and a 12 lead EKG. Each firefighter also had prostate cancer screening performed. In years two and three, there will be additional cancer screenings. These physicals and screenings are all to benefit the health and well-being of our personnel.

The department received a couple of different equipment grants in 2023. The first was a safety equipment grant through the Hundred Club of Genesee, Lapeer, and Shiawassee Counties. The grant was for \$1,000 to purchase new traffic safety vests for the entire department. The second grant was from the new State of Michigan Fire Equipment Grant program. We received two separate \$10,000 grants. We were able to purchase three sets of structural firefighting gear with the first grant. With the second grant we purchased 24 fire helmets and 20 pairs of structure fire gloves.

In early 2023, firefighter Sean Caldwell was hired as our new part-time fire inspector. Sean works 24 hours a week and conducts all our business fire inspections. Sean also took and passed the National Fire Protection Association (NFPA) Inspector 1 class during 2023. Our part-time inspector position is an important role here in the department. Not only ensuring that businesses and public places are safe for employees and patrons, but also ensuring our fire personnel are aware and up to date on current situations with buildings in our jurisdiction.



HIGHLIGHTS



One of the larger incidents we responded to was an overturned tanker truck on US 23 in Tyrone Township in September of 2023. The truck was hauling an extremely deadly chemical, and the tanker truck was overturned on the side of the highway. The response required numerous local, county, and state agencies and lasted most of the day. Luckily for all involved the incident was mitigated safely and there was no release of the chemical.

We were extremely fortunate to add some new equipment and replace some of our outdated equipment during 2023. Our current rescue air bag lifting system was over 25 years old and needed to be replaced. We purchased a new set of bags and a controller. These air bags are not used frequently but are an extremely important piece of equipment to have when needed. We also purchased a set of four individual Seek thermal imaging cameras and a bank charger. These thermal imagers are smaller and are intended to be used by each firefighter on the truck. We historically have had just one thermal imager on each truck. These cameras have become such a valuable tool, to not only help the firefighters find victims or the seat of a fire, but also for their safety to be able to find their way in and out of a burning structure.



In March this year, we promoted firefighter Matt Hadfield to the rank of Lieutenant. Lieutenant Hadfield has been a member of the department since July of 2007. Matt has a long family history with the department as his grandfather, father, uncle, and cousins have all been members of the department. Lieutenant Hadfield has taken on the role of Lieutenant and our quartermaster that handles all the department's personal protective equipment.



An important project that was completed this year was to upgrade the security for our commercial lock box system. We have been using a lock box system for businesses here in town since the early 2000's. We began to have issues with the company we had been using and decided to make the switch to the Knox Box brand lock box. They offered a more secure way for us to store our fire department lock box keys in the apparatus. The new key retention system locks the key into a vault and if it is needed the firefighter wanting to use it must enter their personal pin code to retrieve it. This allows us to track all usage of the keys and maintain better security for each key. We also added a lock box in each truck to store some of the other sensitive keys that we carry. Deputy Chief Hadfield mounted and wired all the key retention systems and lock boxes in the apparatus.



Our department participated in numerous fire prevention and public relations events throughout the year. The department participated in many community events like the Freedom Fest, Jingle fest, Back to the Bricks, Rotary Veterans breakfast, National Night Out, and numerous other smaller events. We also try to interact with the Fenton Schools whenever possible. We participated in school events like homecoming, the heroes' game, and the back-to-school pancake breakfast. In addition to all these events, our fire personnel also commit time to many charitable events like ringing the bell for the Salvation Army, free food giveaways at the station, Folds of Honor event, and our own charity golf outing.



CITY OF FENTON



Robert Cairnduff
Fire Chief
July 1996



Charles Koan
Assistant Chief
July 1971



Scott Smith
Captain
Aug 1982



Nicholas Will
Captain
Feb 1999



Jeff Shook
Lieutenant
Jan 1995



Caleb Alderman
Firefighter
Sept 2013



Paul Bond
Firefighter
May 2013



Brandon Brown
Firefighter
Sept 2013



Sean Caldwell
Firefighter
Aug 2017



Joseph Hoffman
Firefighter
June 2018



Ryan Jenema
Firefighter
Nov 2006



Michael Johnson
Firefighter
Feb 2010



Dustin Lucius
Firefighter
Nov 2004

FIREFIIGHTERS



Edward Hadfield
Deputy Chief
Aug 1982



Joshua Sturgis
Lieutenant
Mar 2004



Matthew Hadfield
Lieutenant
July 2007



Craig Jensen
Chief Engineer
July 1981



Frank Carpenter
Firefighter
Mar 1986



Grant Cleary
Firefighter
Mar 2023



Matthew Everhard
Firefighter
May 2009



Julian Cross
Firefighter
June 2015



Ian Oaks
Firefighter
Aug 2021



Anson Ratke
Firefighter
Sept 2016



Nicholas Schulz
Firefighter
Nov 2001



David Siburt
Firefighter
Sept 2014



Travis Whitman
Firefighter
Apr 2012

FENTON FIRE DEPARTMENT

26 CURRENT ON CALL FIREFIGHTERS



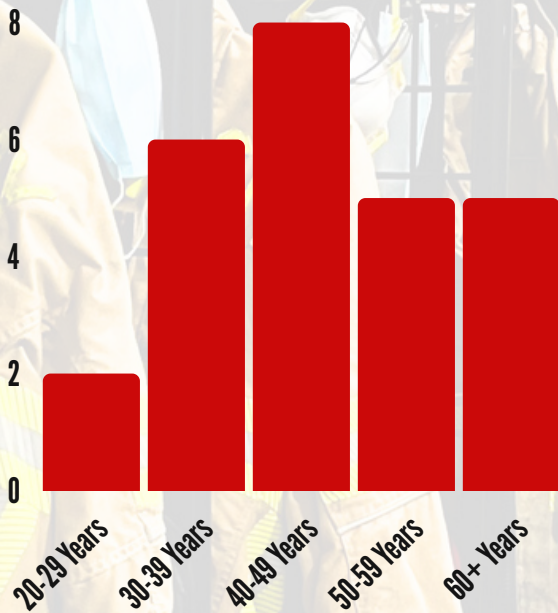
1 FULL TIME FIRE CHIEF

35 BUDGETED FIREFIGHTER POSITIONS

2 PART TIME POSITIONS
FIRE INSPECTOR & ADMIN ASSISTANT

2 DAYTIME DUTY SHIFT POSITIONS

PERSONNEL AGE



YEARS OF SERVICE



73%

30-59 YEARS OLD
19 FIREFIGHTERS

19%

OVER 60 YEARS OLD
5 FIREFIGHTERS

8%

UNDER 30 YEARS OLD
2 FIREFIGHTERS

FIRE DEPARTMENT RECOGNITION

FIREFIGHTER OF THE YEAR

This year's recipient of the Firefighter of the Year (FFOY) award was Captain Scott Smith. Captain Smith was chosen as the FFOY by his peers. Scott has been very vocal for the safety of our firefighters. He has stressed the importance of being safe on the roadways and when we are treating people that have overdosed. Scott went through cancer treatment in 2023 and has been vocal to our firefighters about taking care of themselves, the importance of our department physicals, and cancer screenings. Captain Smith has served the city since August of 1982 and has 41 years of service.



CHALLENGE COINS

Each year the Chief hands out department challenge coins. These coins have our moto of Service, Pride, and Tradition engraved on them. These coins are given out to those that demonstrate these characteristics. This year three firefighters received coins. Each for one of the attributes of our motto. **Brandon Brown** received one for Service, **Nick Schulz** for Pride, and **Caleb Alderman** for Tradition.

SERVICE ANNIVERSARIES

Firefighter Frank Carpenter

35 Years



Firefighter Caleb Adlerman

10 Years



Firefighter Paul Bond

10 Years



Firefighter Brandon Brown

10 Years



Firefighter Joe Hoffman

5 Years



TRAINING



Our training division consists of Captain Nick Will and Lieutenants Jeff Shook and Josh Sturgis. The three training officers are tasked with organizing, creating, and delivering instruction to all our fire personnel. The department holds four training sessions per month. Two evening sessions and two morning sessions. Each firefighter can attend the morning or evening session. Each member is expected to attend 75% of all training annually. The Michigan Firefighter Training Council (MFFTC) enacted new rules in October of 2022 that now require continuing education credits for all firefighters and fire officers. Our training division is tasked with making sure all our firefighters obtain enough credits to keep their fire certification.

16 **Lecture Training Sessions**
31 **Hands-On Practical Training Sessions**
1,146 **Total Hours of Training Obtained by all Personnel**



FIRE PREVENTION



The fire prevention division, that includes education and inspections, plays a crucial role in the overall safety of our community. We are fortunate that our fire prevention specialist is also now our fire inspector. Firefighter Sean Caldwell has been our fire prevention specialist for a few years now, and in 2023, he was hired as our part-time fire inspector. Inspector Caldwell attended the National Fire Protection Association (NFPA) Inspector 1 course this fall and passed his NFPA certification exam.

FIRE INSPECTION

Business fire inspections are an important component of our fire prevention program. These annual fire inspections ensure fire code requirements are met and that the fire department access and building life safety systems (such as fire alarm and fire suppressions systems) meet industry standards. A properly conducted fire inspection can alert the occupant to hazards which could potentially lead to a fire, injuries, loss of life, and temporary or permanent loss of jobs, which ultimately could have an affect on the entire community.

496 Annual Fire Inspections Completed
275 Follow Up Re-Inspections Completed
507 Fire Code Violations Found and Cleared

PUBLIC EDUCATION

Our fire personnel spent numerous hours, both in the classroom at our local schools and here at our station, presenting many different topics of fire prevention education. The fire station is a favorite for elementary schools to visit in the spring for walking field trips. Our personnel make sure that the children have fun while visiting the station, but that they also take away important fire safety education. Our fire prevention personnel also make special presentations for local civic groups, churches, senior centers, and annually at the Kiwanis Club's Safety Town.



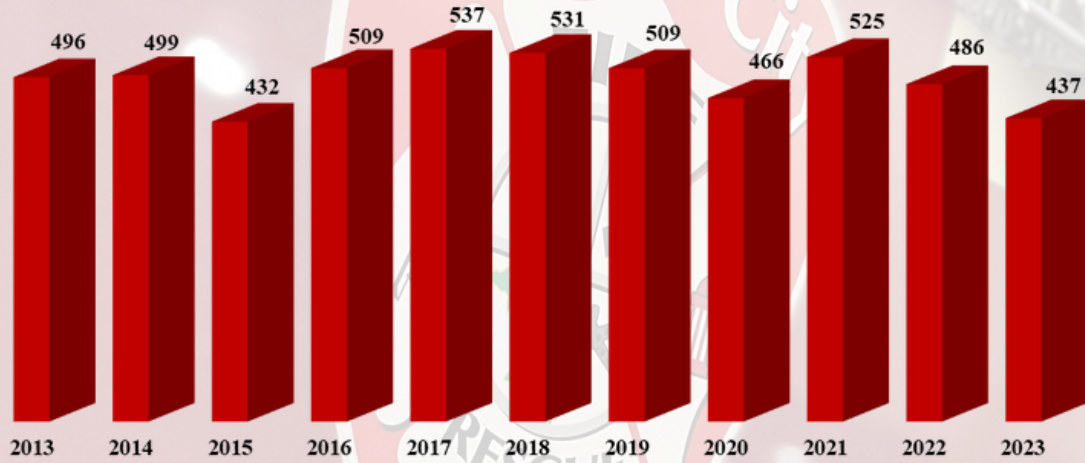
INCIDENT STATISTICS



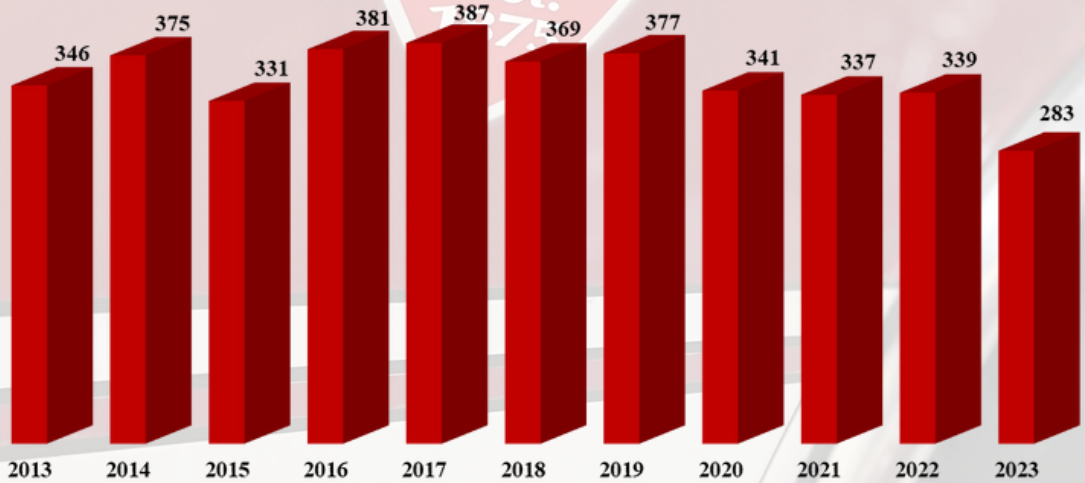
Incidents

2013 - 2023

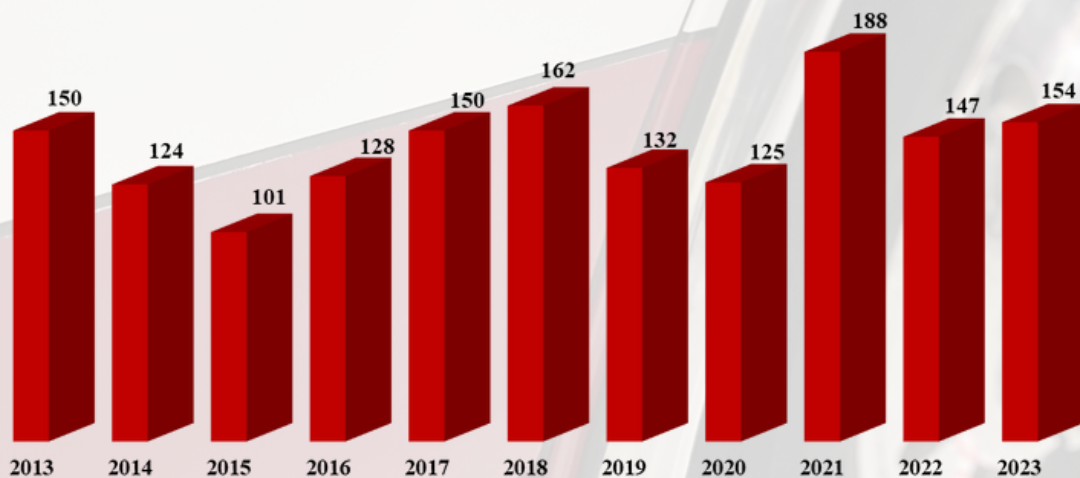
Total Incidents



City of Fenton

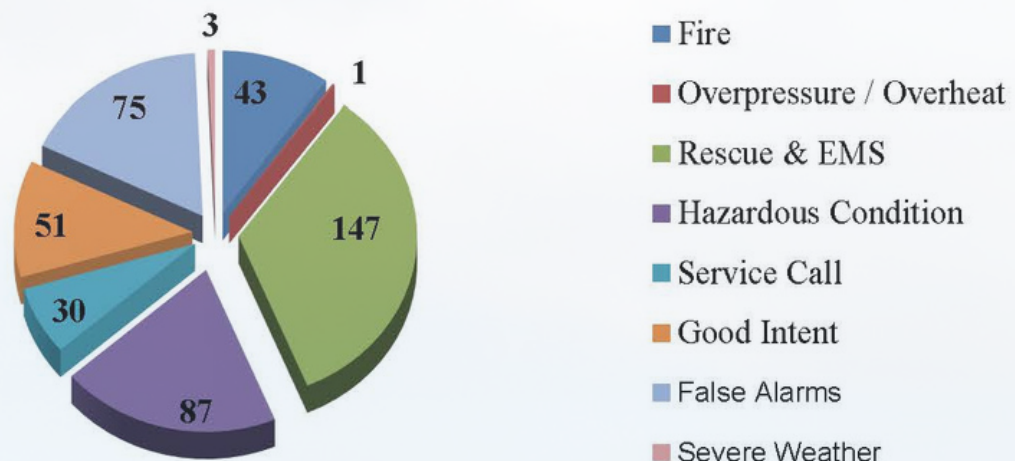


Tyrone Township



Incident Reporting By Type of Incident

January 1 - December 31, 2023

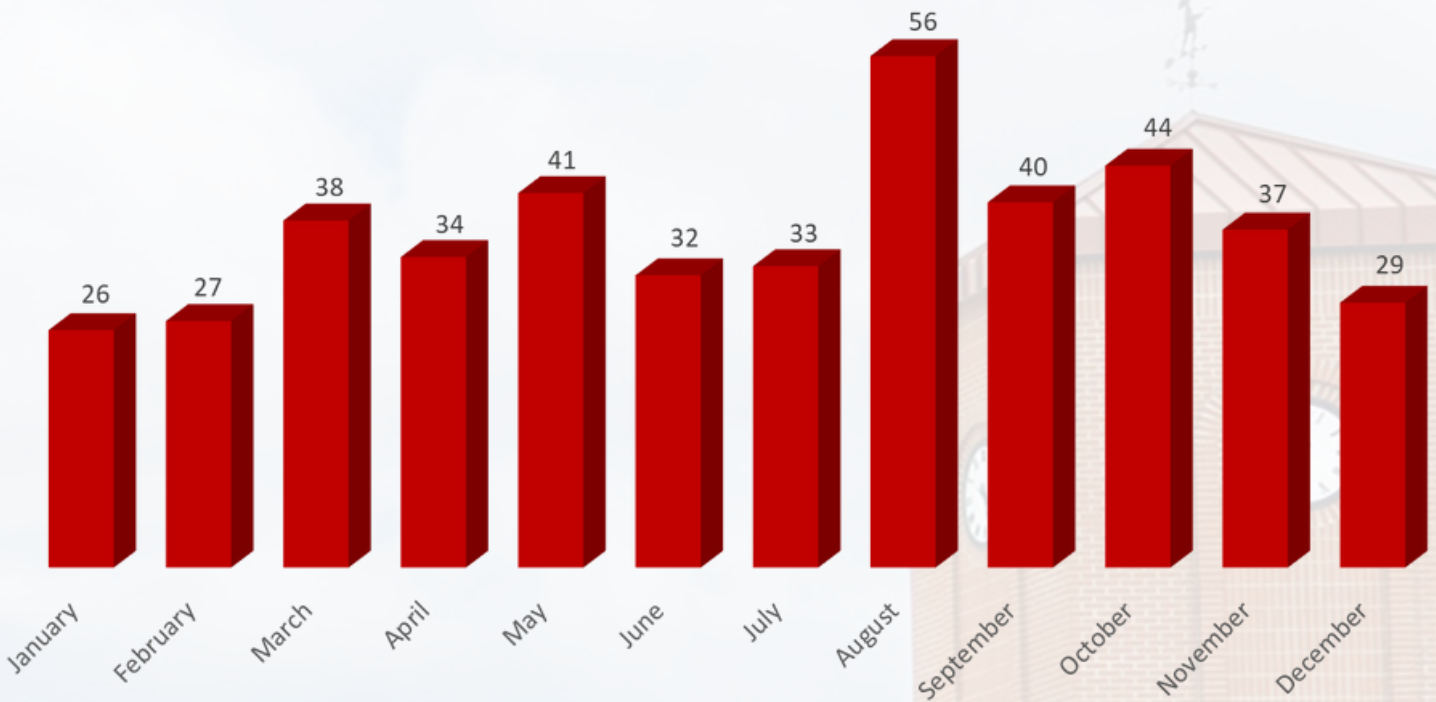


Type of Incident:

100's	Fire	43
200's	Overpressure / Overheat	1
300's	Rescue & EMS	147
400's	Hazardous Condition	87
500's	Service Call	30
600's	Good Intent	51
700's	False Alarms	75
800's	Severe Weather	3

TOTAL INCIDENTS: 437

Incident Reporting By Month



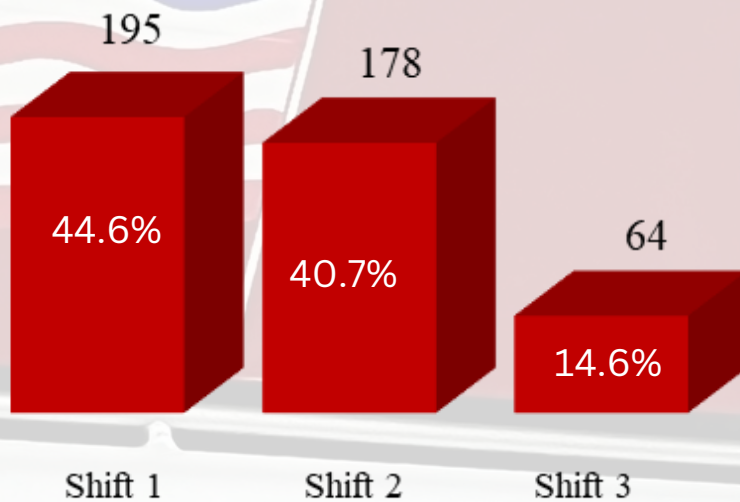
MONTH

NUMBER OF INCIDENTS

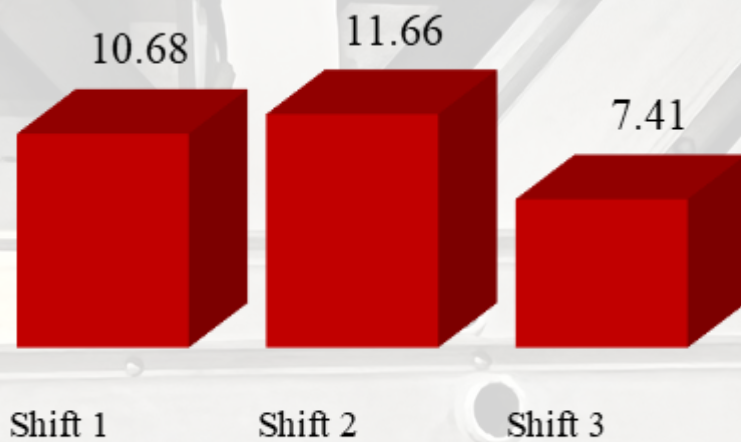
January	26
February	27
March	38
April	34
May	41
June	32
July	33
August	56
September	40
October	44
November	37
December	29

Incidents By Shift

Total Incidents by Shift
(Total 437)



Average Number of
Personnel Responses
Per Shift

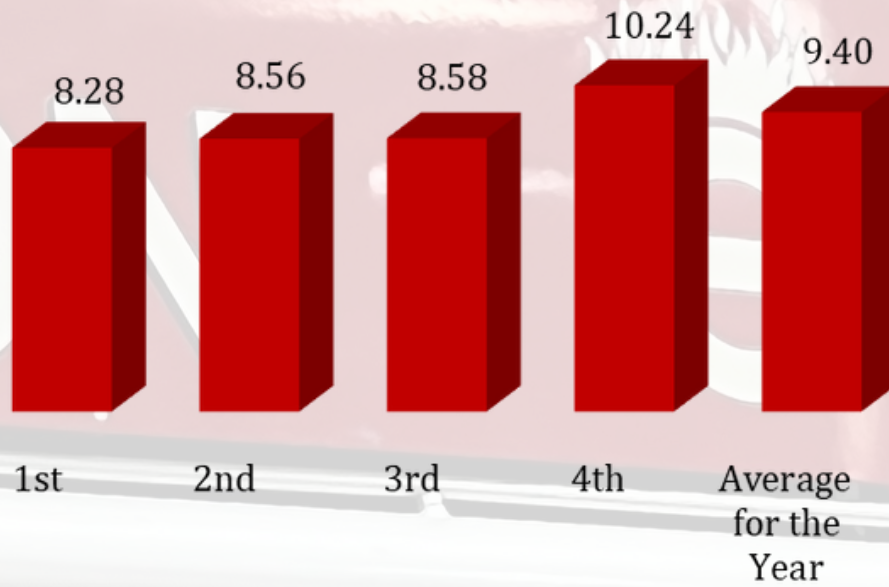


1st Shift: 7:00am - 3:59pm
2nd Shift: 4:00pm - 11:59pm
3rd Shift: Midnight - 6:59am

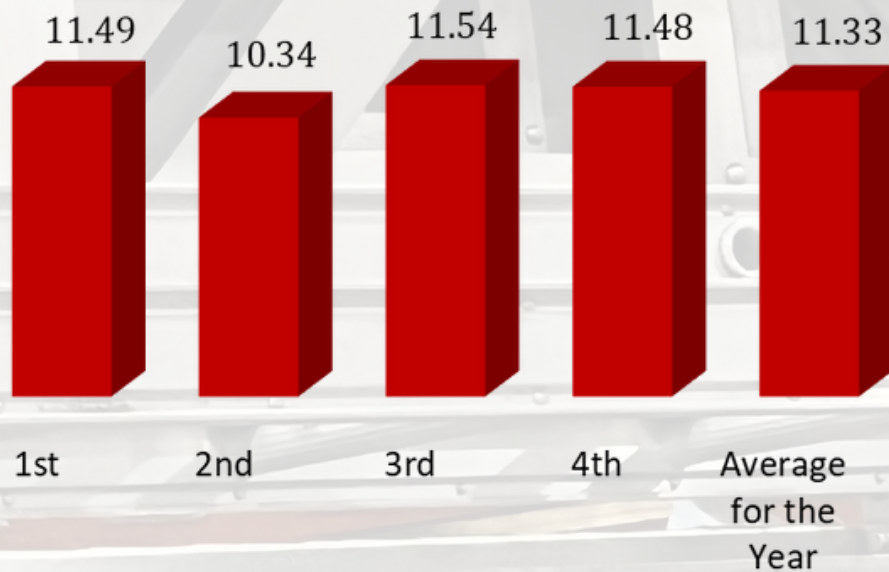
Incidents Response Times By Quarter

(in minutes)

City of Fenton



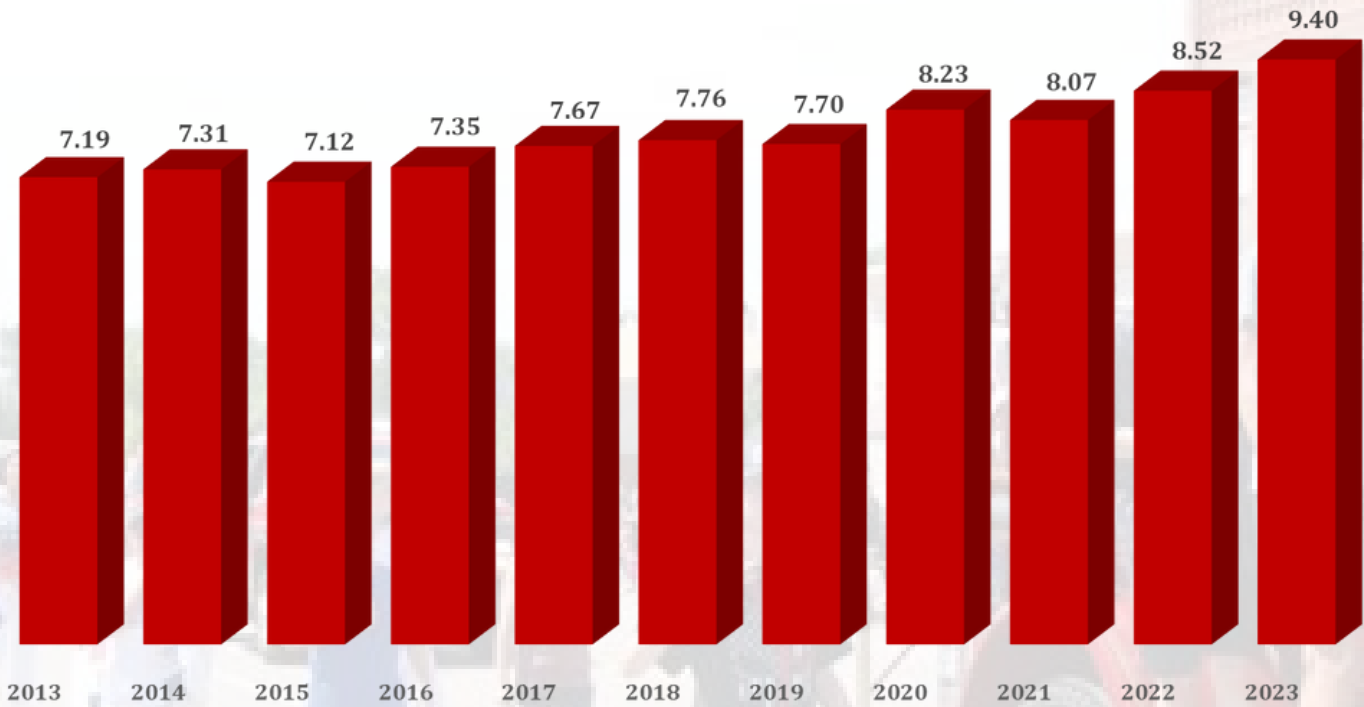
Tyrone Township



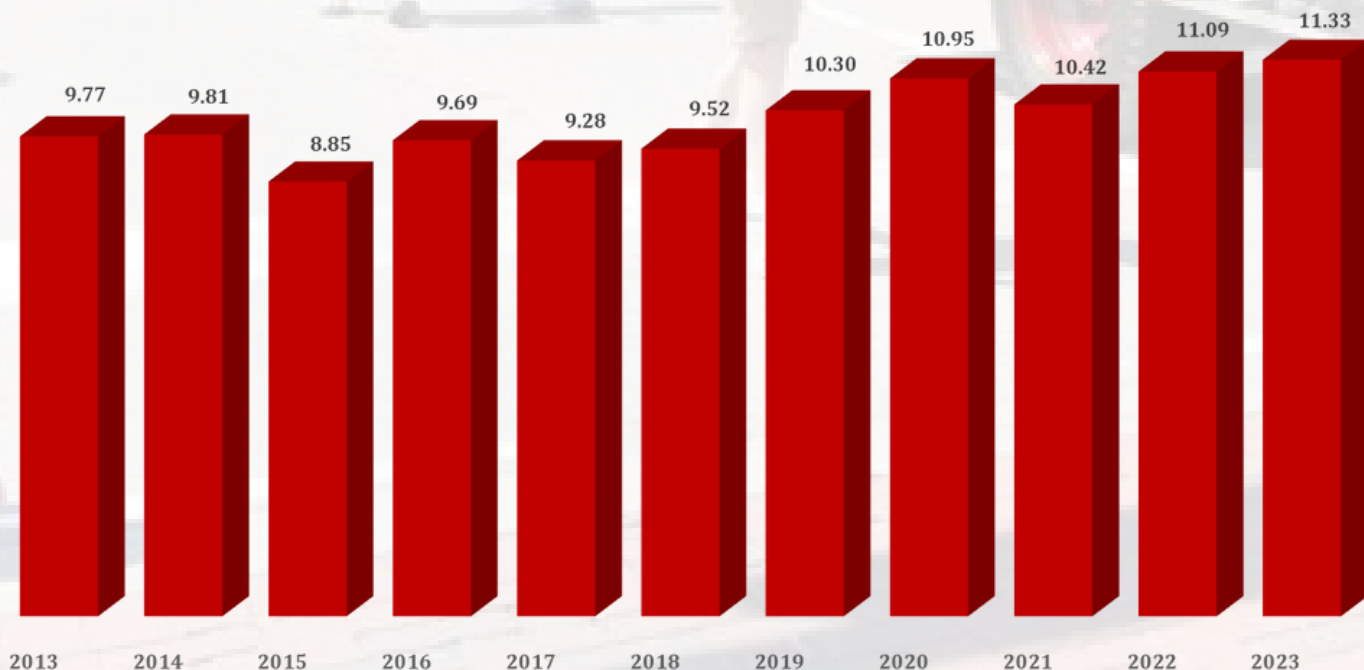
Average Yearly Incident Response Times Total Incidents

(Includes Emergency and Non-Emergency)
In Minutes

City of Fenton

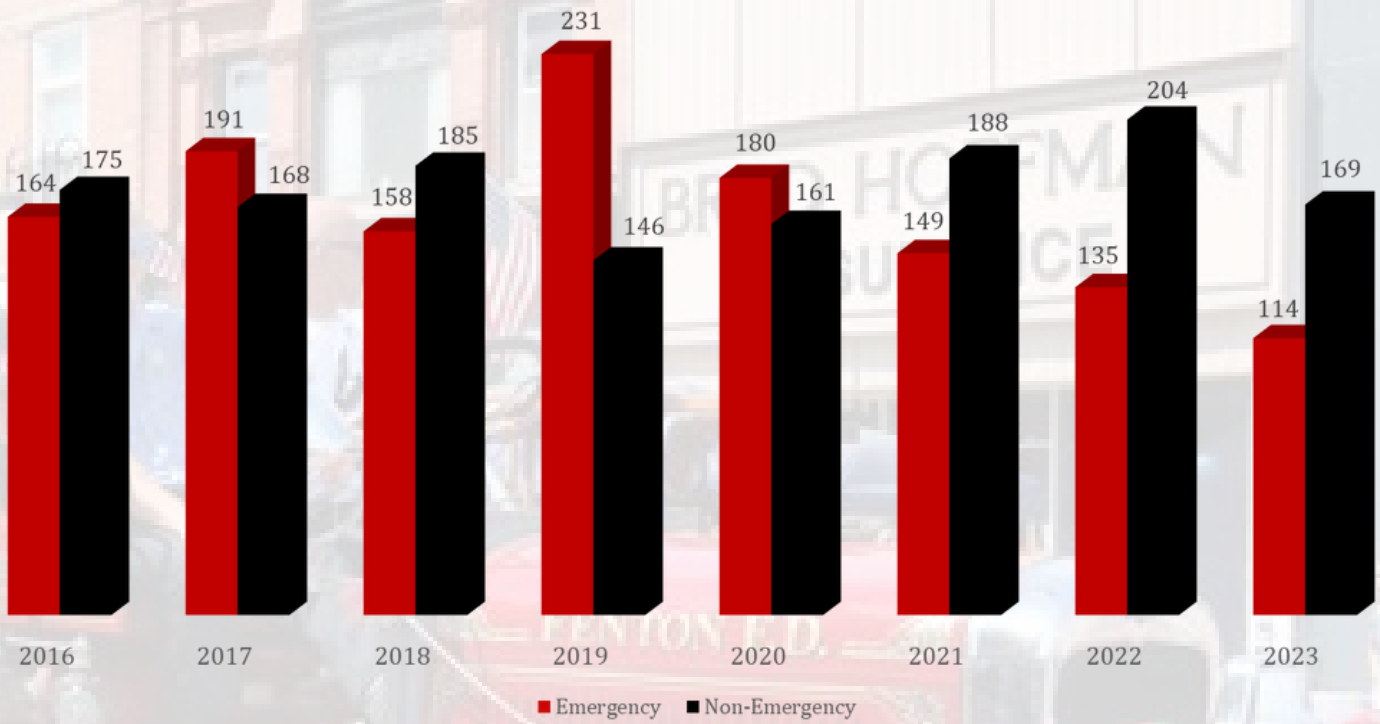


Tyrone Township

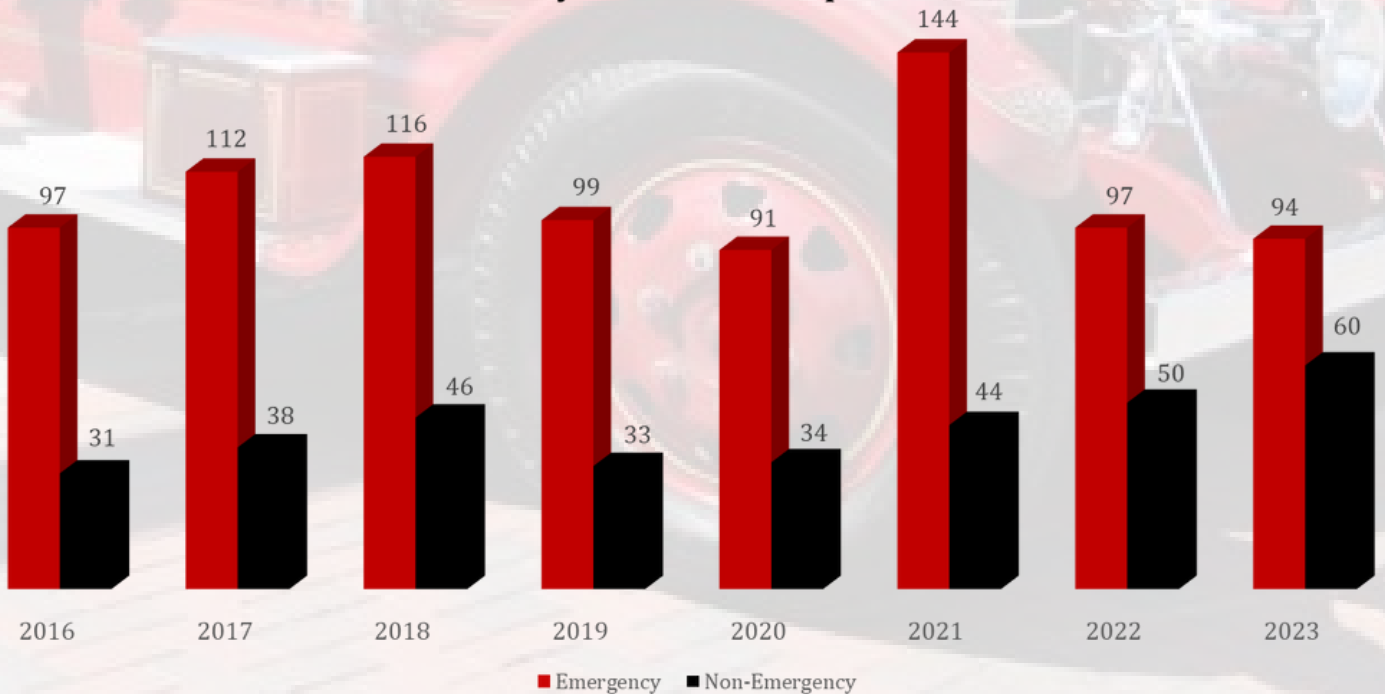


Emergency vs. Non-Emergency Total Responses

City of Fenton

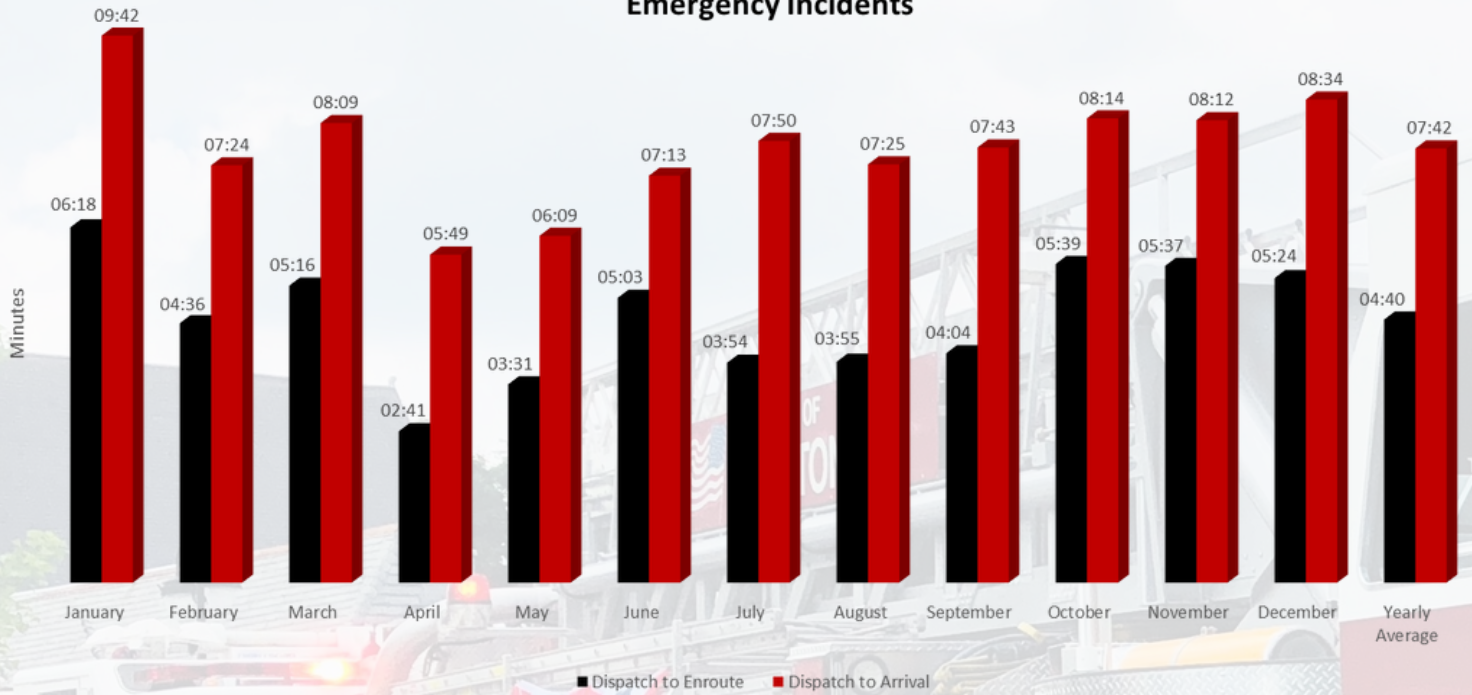


Tyrone Township

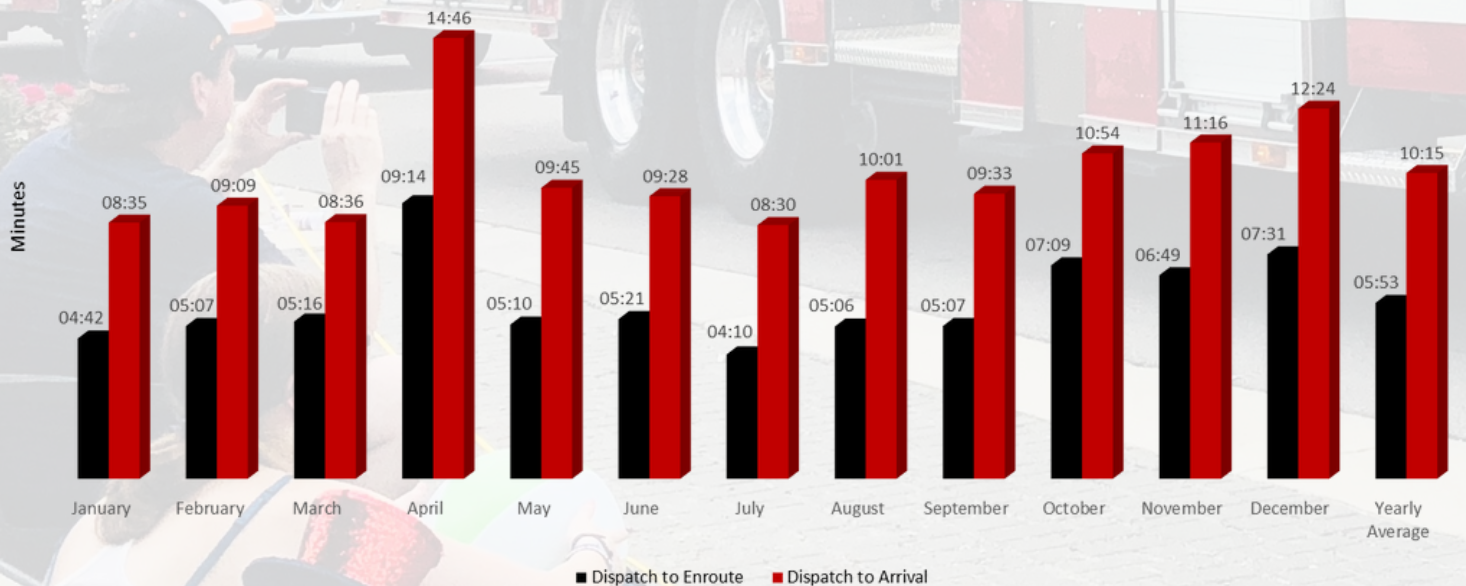


Emergency vs. Non-Emergency Response Times 2023

City of Fenton Emergency Incidents

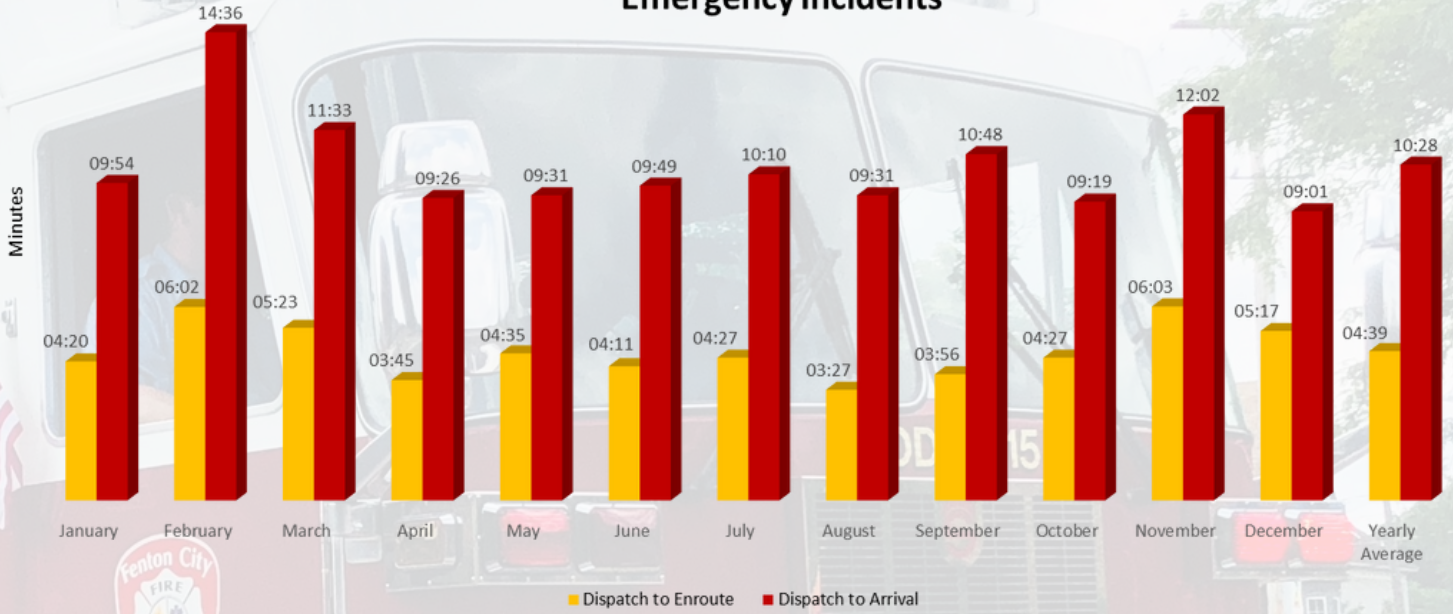


City of Fenton Non-Emergency Incidents

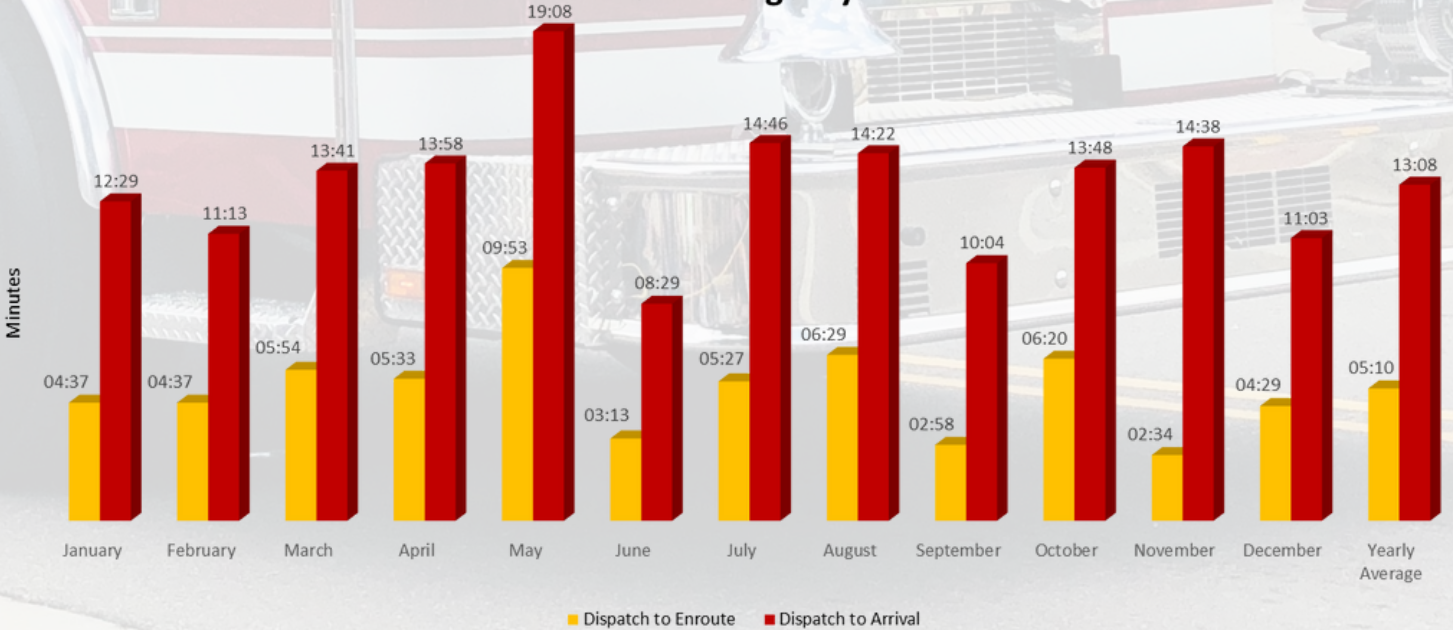


Emergency vs. Non-Emergency Response Times 2023

Tyrone Township Emergency Incidents

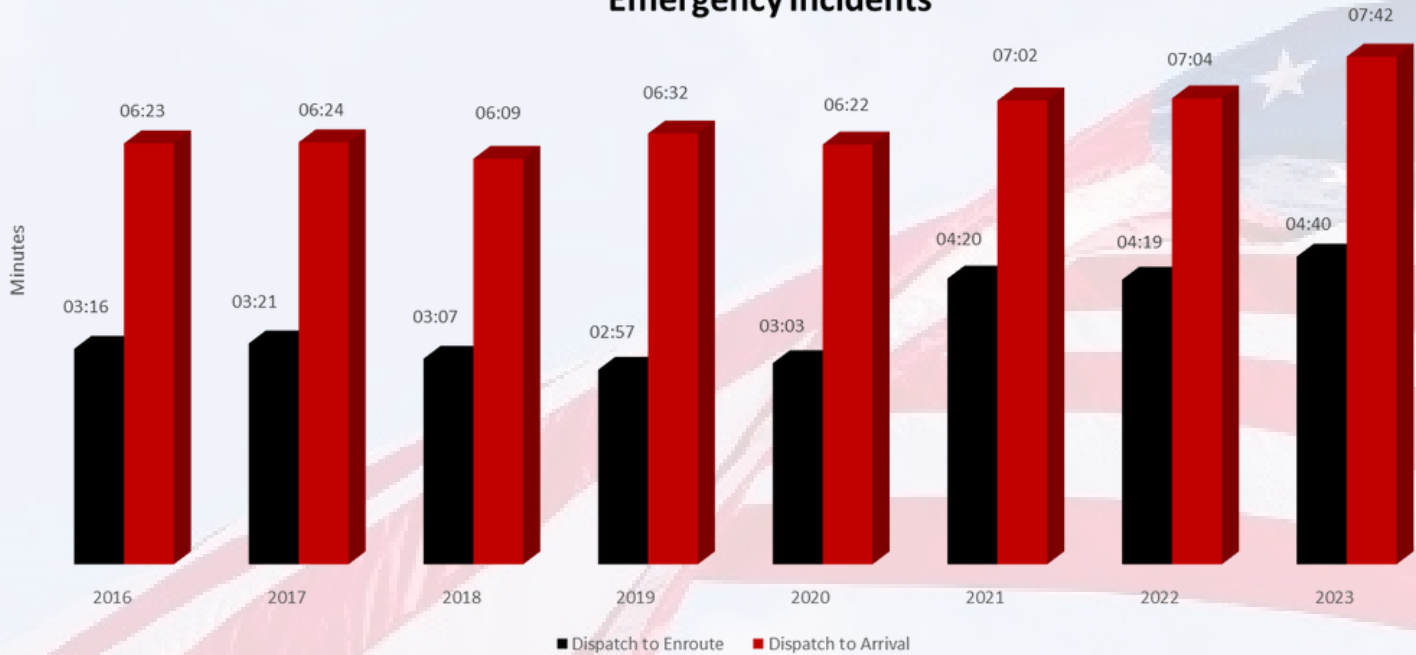


Tyrone Township Non-Emergency Incidents

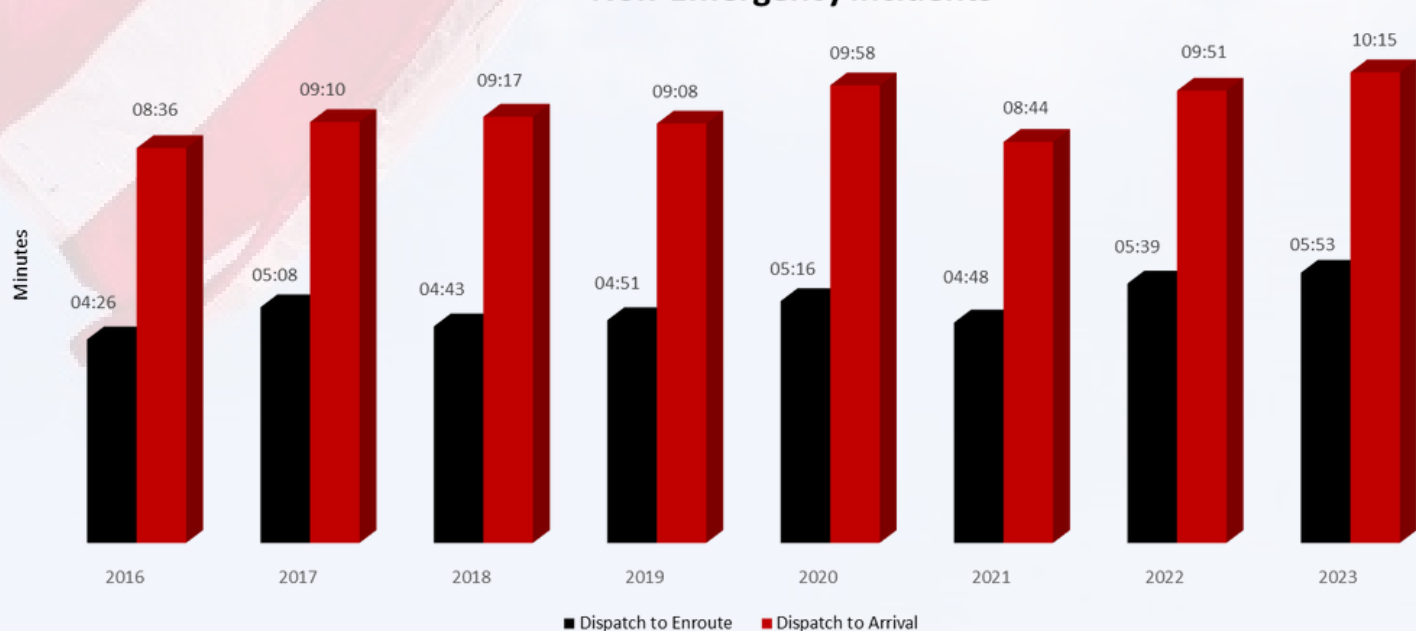


Yearly Average Response Times Emergency vs. Non-Emergency

City of Fenton Emergency Incidents

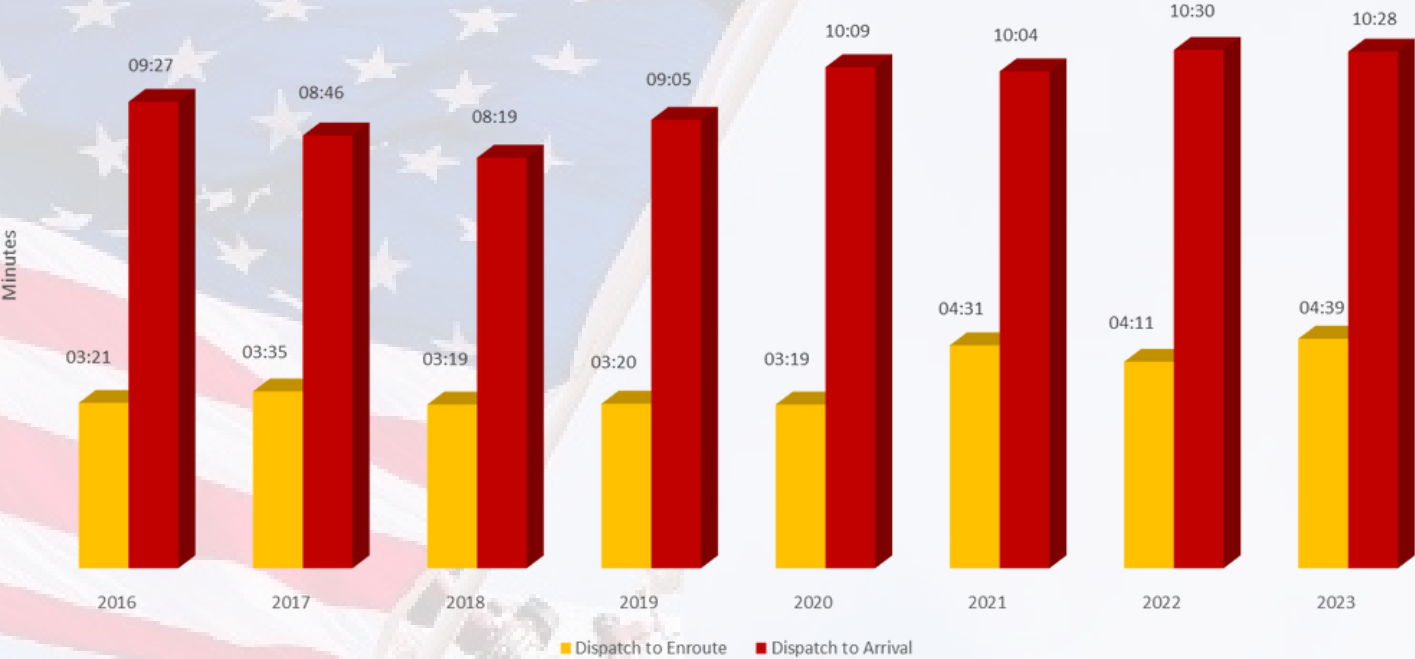


City of Fenton Non-Emergency Incidents

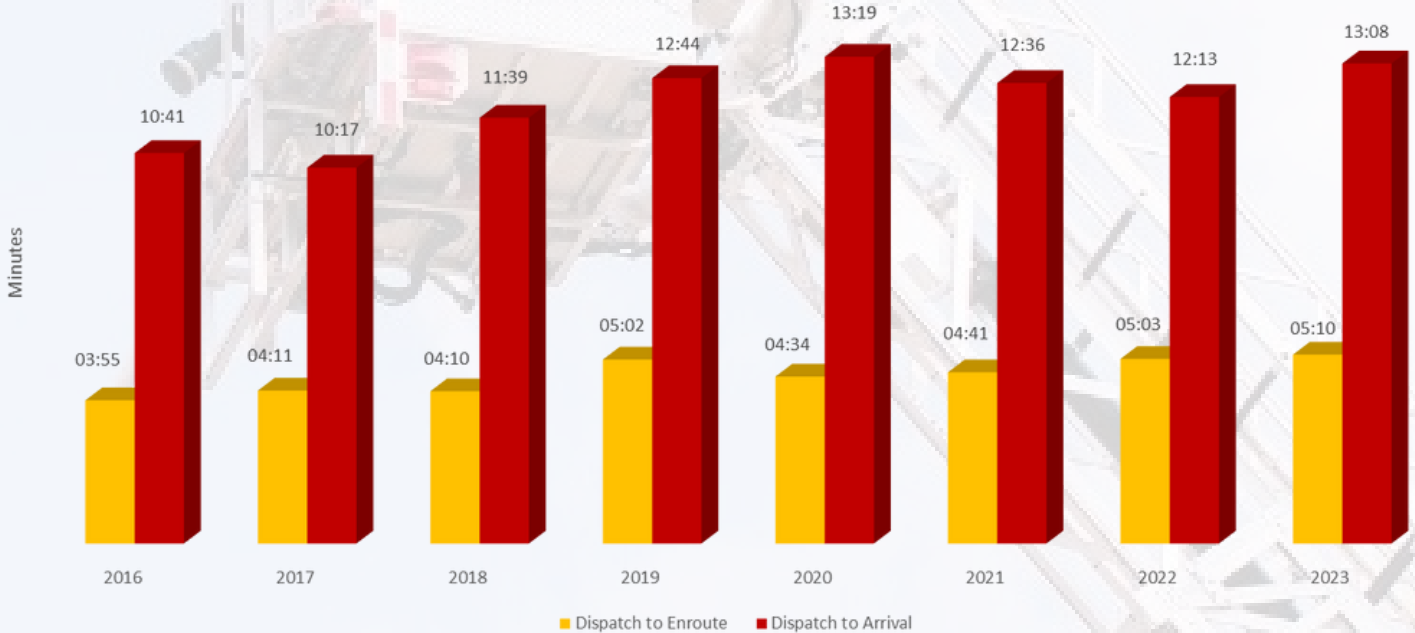


Yearly Average Response Times Emergency vs. Non-Emergency

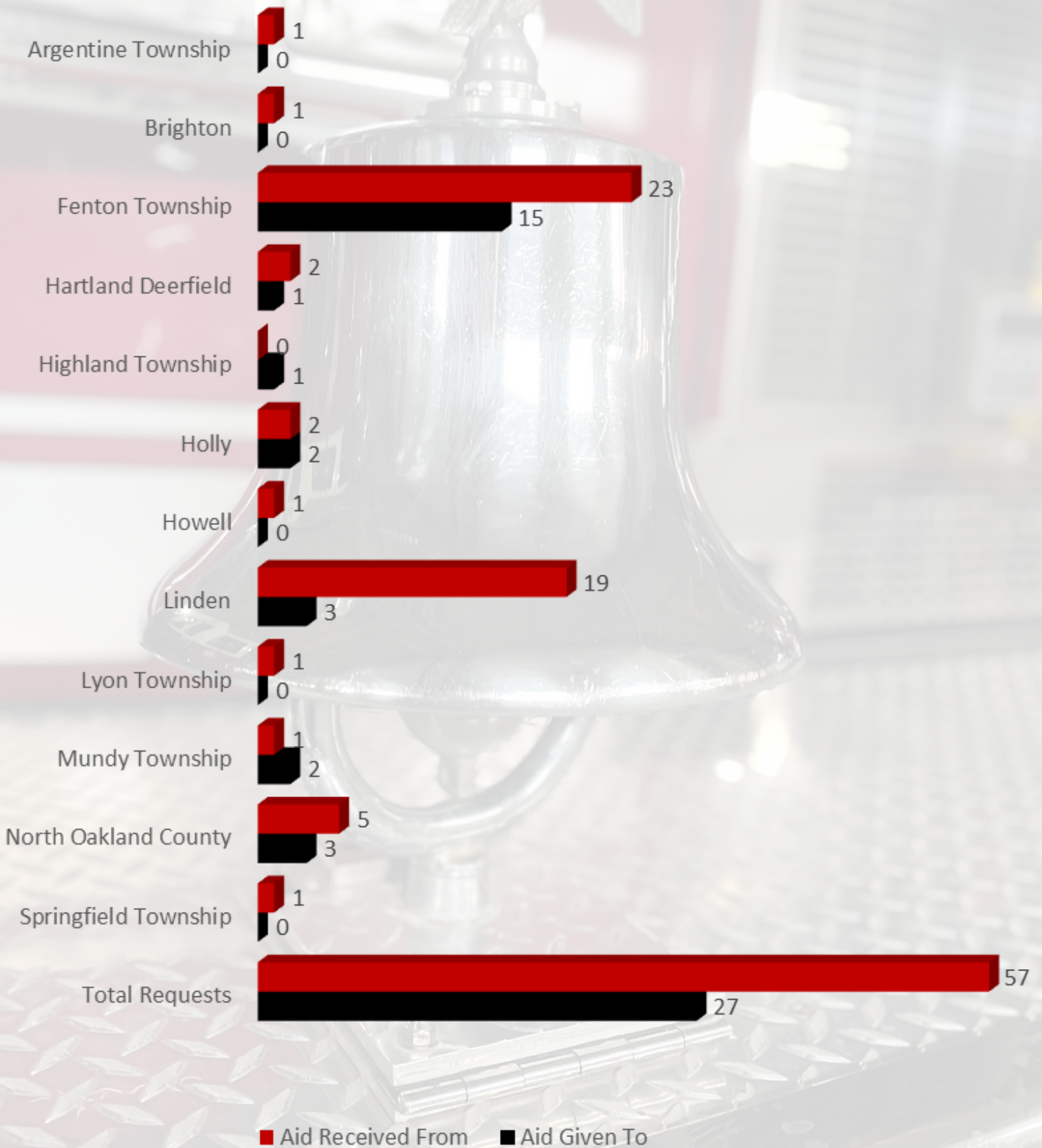
Tyrone Township Emergency Incidents



Tyrone Township Non-Emergency Incidents

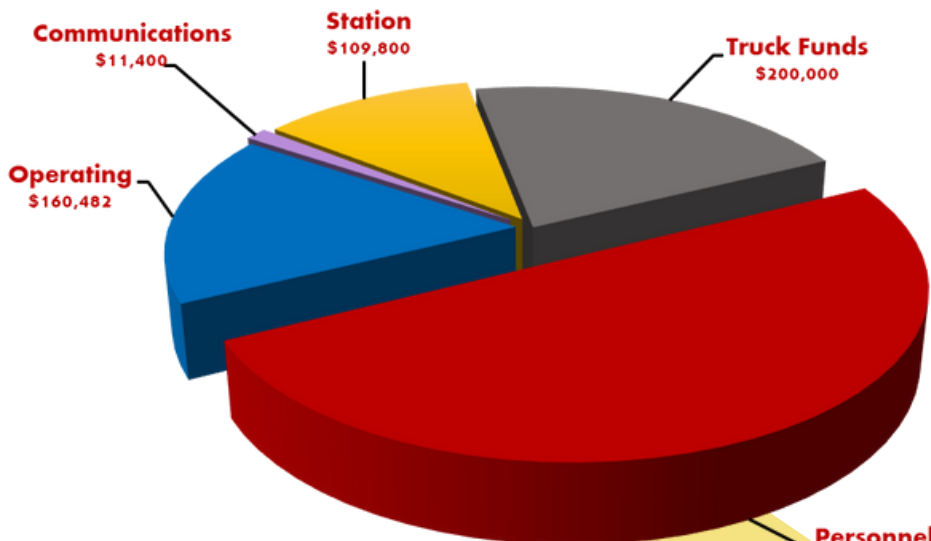


Mutual Aid



ANNUAL BUDGET

TOTAL BUDGET: \$961,682



- Station Expenses**
- Building Maintenance
 - Custodian Salary and Fringes
 - Utilities
 - Supplies

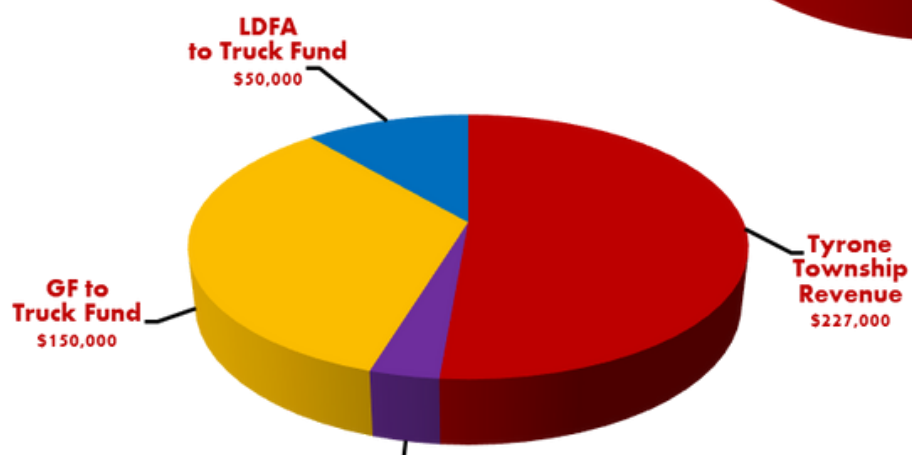
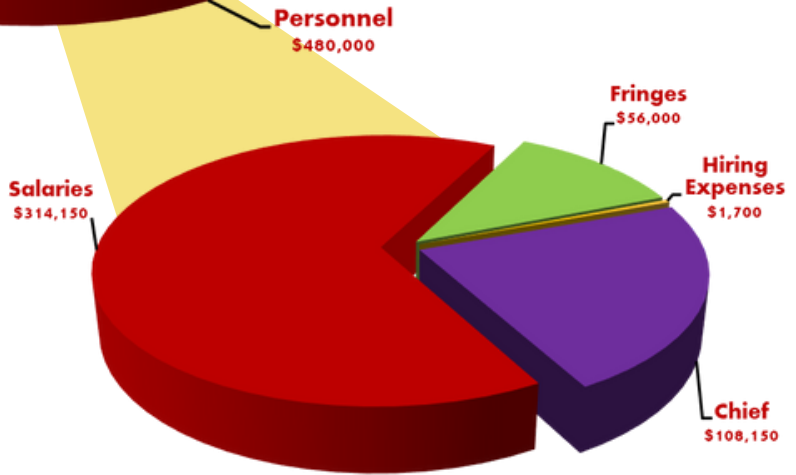
- Operating Expenses**
- Supplies
 - Equipment Maintenance
 - Fire Equipment
 - Uniforms
 - Fuel
 - Fire Prevention
 - Insurance
 - Training
 - Cap Outlay
 - GIS

Salaries

Incident Payroll: \$161,824
 (with incident pay, overtime, training, fire prevention, officer and duty weekend)

Duty Shift: \$44,200

Admin Assistant: \$24,336



TOTAL REVENUE: \$442,000

THE HISTORY OF THE CITY OF FENTON FIRE DEPARTMENT



March 9, 1875
Fenton Hook and
Ladder Co. No. 1
Established

First steam
fire engine
purchased
for \$3,200

First
motorized
fire engine
purchased

Fenton
becomes
a city

Explorer Post 191
Scout Troup held
its first meeting at
the fire department

1875 1876 1879 1890 1920 1939 1964 1970 1979

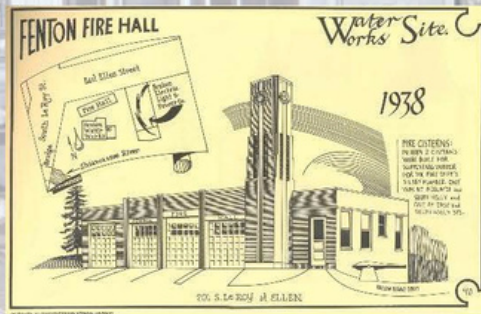
First Engine
House opened on
January 1, 1876
located in the
100 block of
S Leroy St

Municipal
water
system
completed

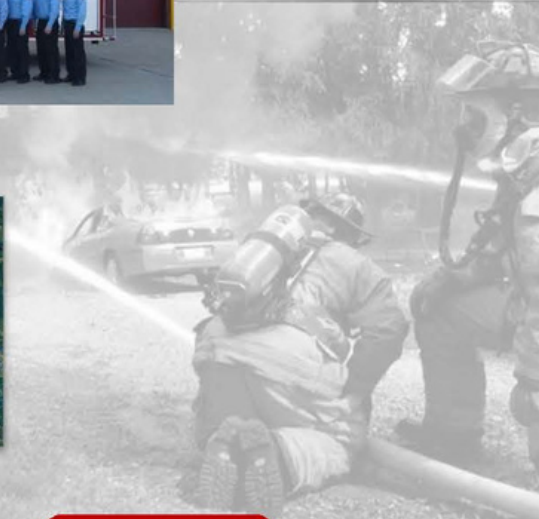
Fire Department
moved into 2nd
new station
located at
201 S Leroy St

Department coverage
area consisted of
Tyrone, Deerfield,
Hartland, Rose Twp,
Fenton Twp, and
Fenton City

Fen
stat
a
An



DEPARTMENT



Department becomes MFR/EMS agency now running medical calls

Daytime Duty Shift staffing added

F-2 tornado hits Fenton

First part time Fire Inspector hired

1986
Fenton joined the 911 program as a Primary Answering Point

1998
Fire Department moves into 3rd new station located at 205 E Caroline. The City and Fenton DDA constructed the new station at a cost of 2.1 million

2002
Fenton joins statewide 800 MHz radio system

2004
9/11 Memorial dedicated

2005
ISO classification of 3 obtained for the City





CITY OF FENTON FIRE DEPARTMENT

205 East Caroline Street

Fenton, MI 48430

(810) 629-8595

www.cityoffenton.org



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