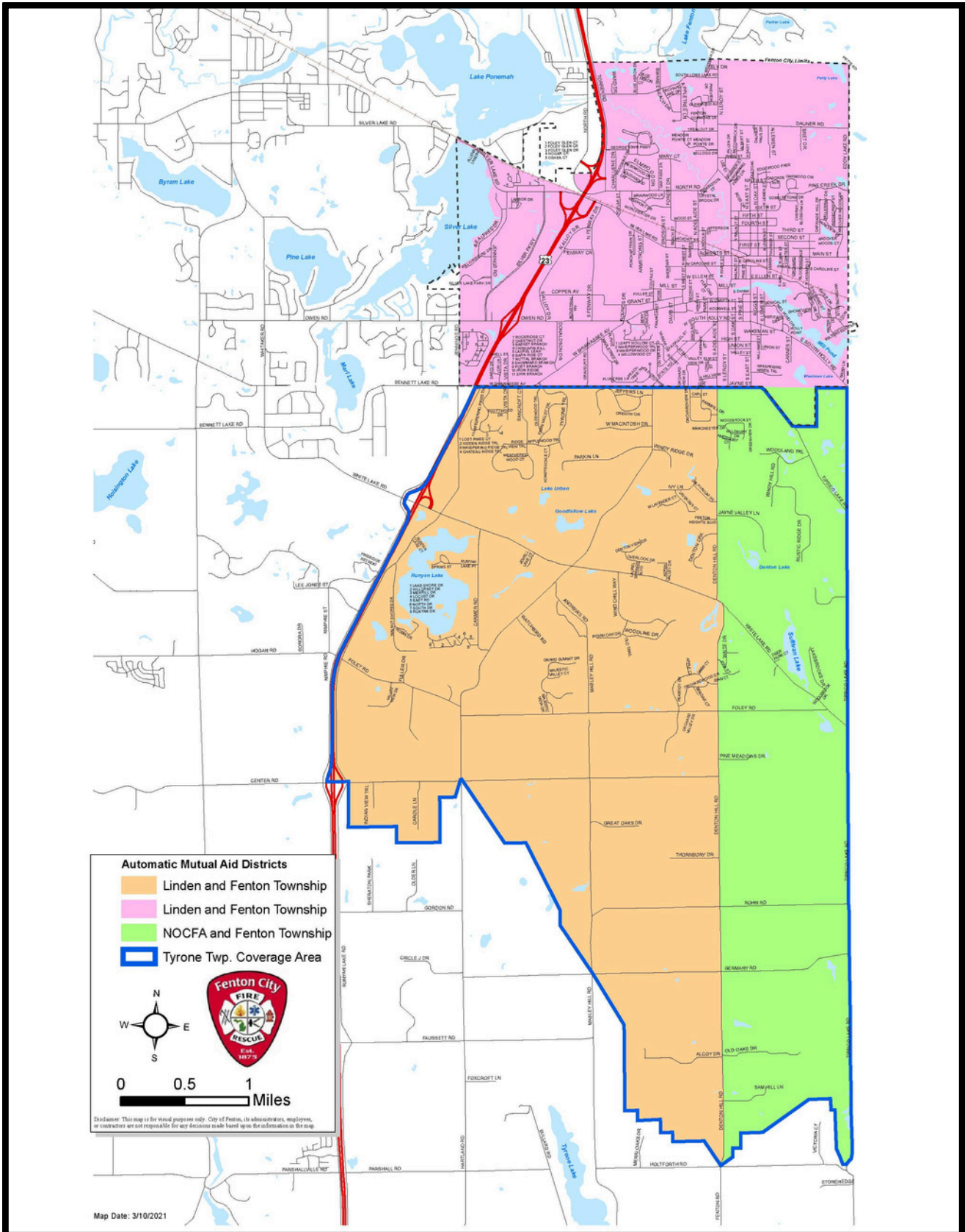


# ANNUAL REPORT

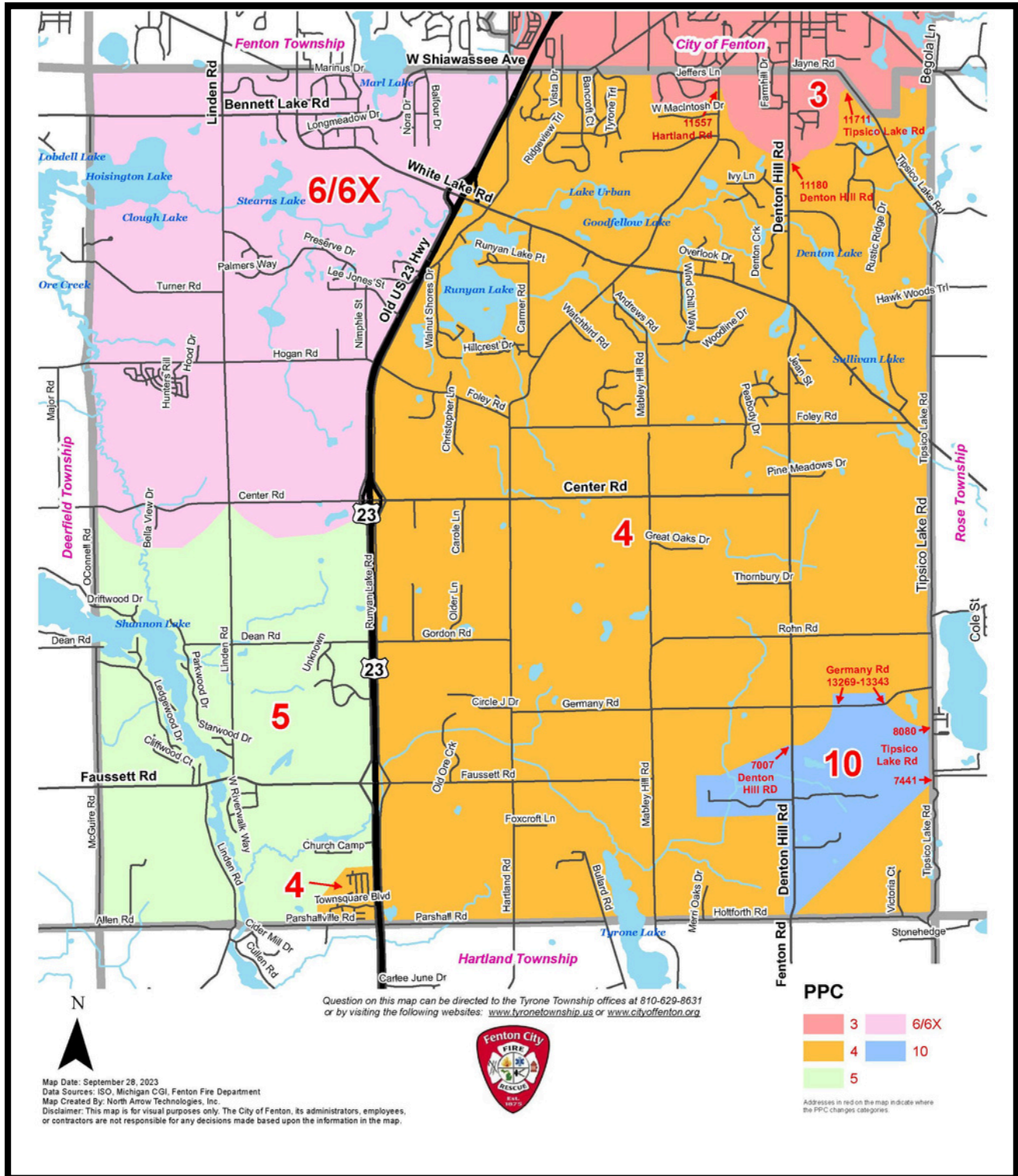
# 2024



# CITY OF FENTON FIRE DEPARTMENT COVERAGE AREA



# ISO RATING MAP



Question on this map can be directed to the Tyrone Township offices at 810-629-8631 or by visiting the following websites: [www.tyronetownship.us](http://www.tyronetownship.us) or [www.cityoffenton.org](http://www.cityoffenton.org)



**PPC**

3	6/6X
4	10
5	

Addresses in red on the map indicate where the PPC changes categories.

Map Date: September 28, 2023  
 Data Sources: ISO, Michigan CGI, Fenton Fire Department  
 Map Created By: North Arrow Technologies, Inc.  
 Disclaimer: This map is for visual purposes only. The City of Fenton, its administrators, employees, or contractors are not responsible for any decisions made based upon the information in the map.

# FROM THE FIRE CHIEF



It is my pleasure to present to you the annual report for 2024. This report details the activities of the 24 members of this department and data from the incidents 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 2024, the fire department responded to a total of 462 calls for service. This was a 6% increase from the 437 incidents in 2023. The department averaged 38 calls for service per month in 2024. There were 338 incidents in the city, which was an increase of 55 calls from the 283 incidents in 2023. This was an increase of 19%. Our service area in Tyrone Township saw a decrease of 30 incidents during 2024. We responded to 124 incidents in Tyrone Township during 2024 compared to 154 incidents in 2023 which was a 20% decrease from the previous year. In return for our services, Tyrone Township paid the city approximately \$192,000. The average response time to an emergency incident in the city was 6:41 minutes, while in Tyrone Township, the average was 9:56 minutes. Estimated property and contents losses from fires during 2024 totaled \$85,650. Those losses were \$40,150 in the city and \$45,500 in Tyrone Township. These losses are significantly less than our 10-year average of \$819,357. The total amount of property and contents saved in 2024 was \$19,980,250! These estimated property and contents losses can fluctuate from year to year as these are estimated losses at structure and vehicle fires.

2024 was another year of setbacks with our recruitment and retention. We hired three new firefighters in 2024 and two of them resigned before the end of the year. We also had two additional personnel leave the department during the year. Our fire inspector resigned in August after being with the department for seven years and our Assistant Chief, Charles Koan, retired in September with 53 years of service. This left our department at its lowest level of 24 personnel at years end.

While we continued to struggle with our recruitment and retention efforts, we were fortunate to have a safe and successful year. We only experienced a few minor injuries, and we continued to answer the calls that we received in a timely manner.

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

Yours in Service,

*Robert Cairnduff*  
Fire Chief



# HIGHLIGHTS

In January, our crew responded to a dog in distress that had fallen through the ice on a private pond. Our crews donned their ice rescue suits and retrieved the dog that had been stuck in the water for quite some time. Unfortunately, the dog was very scared and did bite one of our firefighters during the rescue. Both the dog and our firefighter had to be monitored for 14 days due to the dog not having its shots up to date. Luckily, our firefighter and the dog were both cleared after the monitoring period.



During 2024, we were finally able to have our 800MHz radios reprogrammed to include the new Oakland County radio talkgroups. Oakland County joined the State MPSCS radio system, and we are now able to communicate directly with them on our radios. This has been a real safety issue for us in the past and with this change we can now communicate directly with all of our mutual aid partners in the three counties that we operate in.



In April, the Fenton United Methodist Church (FUMC) wanted to show their appreciation for our first responders and asked what they could do to help us. After some discussion, it was decided that they would purchase Carter Kits for our department. Carter Kits are specialty kits designed to help first responders interact with children on the autism spectrum, or really any children that are experiencing a traumatic event. We received the kits and then held a special training course, instructed by a member of the Fenton Area Public Schools Special Services Department, on how to use the kits.





In April, our brush truck replacement committee attended the Fire Department Instructors Conference (FDIC) in Indianapolis, IN. This conference has the biggest vendor show in the nation. Our committee went to research new technology and different manufacturers of brush truck equipment. We were fortunate to be able to make the trip down and back in one day via a private jet arranged by one of our personnel. We gained a lot of knowledge that helped us decide on what our replacement brush truck would be.

In August, we placed an order for our new brush truck. The new truck will be constructed on a Ford F-350 chassis with a skid unit installed in the bed. The new truck will be constructed by CSI out of Grayling, MI. The cost of the new truck will be \$136,372. This price includes all equipment and upfitting costs. Delivery is expected mid-year of 2025.

We conducted the second year of our three-year program for health screenings for all our fire personnel. These screenings are designed to detect early signs of cancer in the 15 known types of cancer that firefighters are at a higher risk for. These defined 15 types of cancer are now presumed to be work related if a firefighter has five years in the fire service. This year's screenings at the station included carotid doppler, and ultrasounds of the heart, thyroid, abdominal organs, and testicles. These screenings are extremely important for the health of our personnel. A few issues were found early enough that allowed for quick treatment.

# HIGHLIGHTS

In February, we received four new sets of structural firefighting gear. These sets of “turn-out” gear, as they are referred to, cost \$3,600 per set. Our four sets cost a total of \$14,400. We have been purchasing four sets of gear each year for the last 10 years. This has enabled us to keep up with the required replacement of this equipment. Each set of gear is only good for ten years before it must be replaced.



In May, we received a safety equipment grant from the Hundred Club of Genesee, Shiawassee, and Lapeer Counties. The grant was for \$1,000 towards the purchase of new LED work lights. These new lights are battery powered, lightweight, and easily set up. These lights replace heavy gas-powered generator lights that require more maintenance and upkeep. We have been very fortunate over the years with the support we have received from the Hundred Club.



We are very excited about the resurgence of our fire explorer program. During 2024, we added four additional explorers to our program. We now have eight fire explorers. Our fire explorers are 14–19 year-olds that are interested in the fire service. The program is run through the Boy Scouts of America. Our explorer post (Post #191) is the oldest in the county and has been in existence since 1980. At one point, a third of our department members started in the explorer program. It is a valuable recruiting tool for the department and we are excited to see it continue to build.



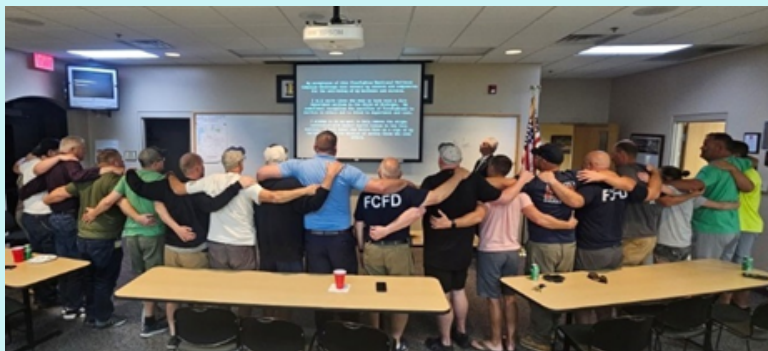
We purchased a few important pieces of equipment in 2024. The first was the purchase and installation of a large volume fan in the apparatus bay of the fire station. This 10-foot-wide fan was installed in the south end of the apparatus bay and has made a big difference in the heat and air movement in the bays. The fan moves a large volume of air which makes it much cooler in the summer months and during the winter it moves the heated air down from the high ceiling. We hope to add a second fan in the north end of the bays in 2025. The second purchase was a new set of hydraulic rescue tools or “jaws of life” tools. We purchased a spreader, cutter, ram, and combination tool. These new tools replace tools that were 20 years old and that were becoming obsolete. Our old tools were struggling to cut the new high tensile strength steels being used in new vehicles.

# HIGHLIGHTS

August and September were extremely busy months for our public relations activities. The fire department participated in the following events: Back to the Bricks, National Night Out, Folds of Honor golf outing, Hurley Miracle Network radiothon, Voices for Children Cooking with the Chiefs, Fenton Schools Back to School Pancake Breakfast and Heroes Night football game, and our own Firefighters Charity golf outing. These extra events help put the fire department out in the public and helps with interaction within our community.



August and September were difficult times for our members. Our department experienced a traumatic incident with one of our own members. We held multiple department meetings and utilized the services of a first responders' social worker through the Genesee Health System. Our therapist met with the entire department as a group and conducted individual sessions for those that were involved directly. In September, we held a department training session of the Yellow Rose Campaign. The Yellow Rose Campaign's mission is "to remove the stigma of emotional health issues while linking the Michigan fire service with resources and training." Their tagline is "saving those who save others".



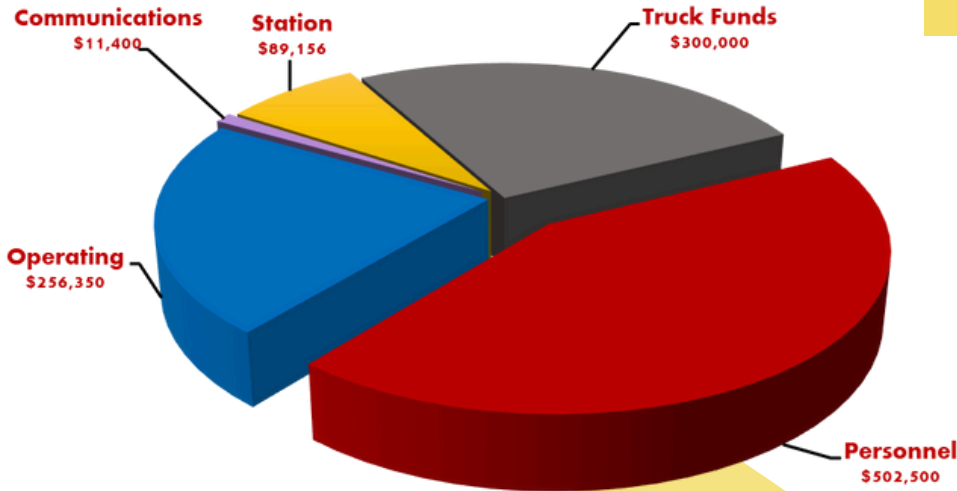


# ANNUAL BUDGET

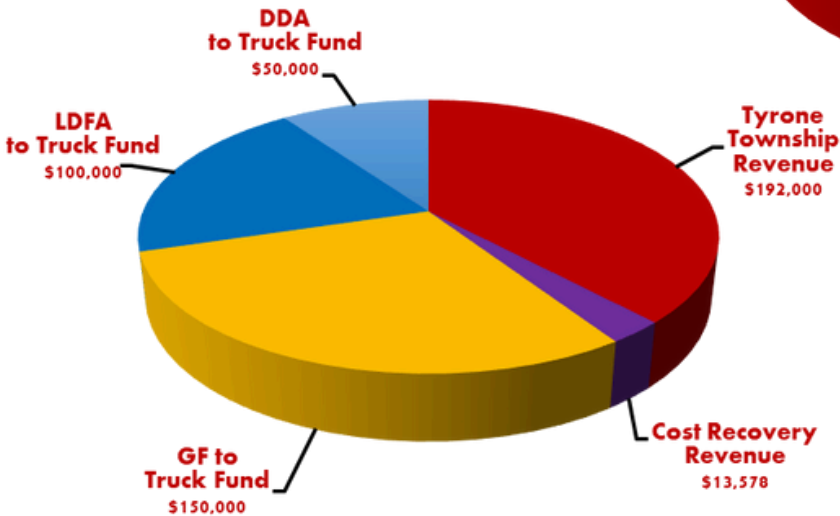
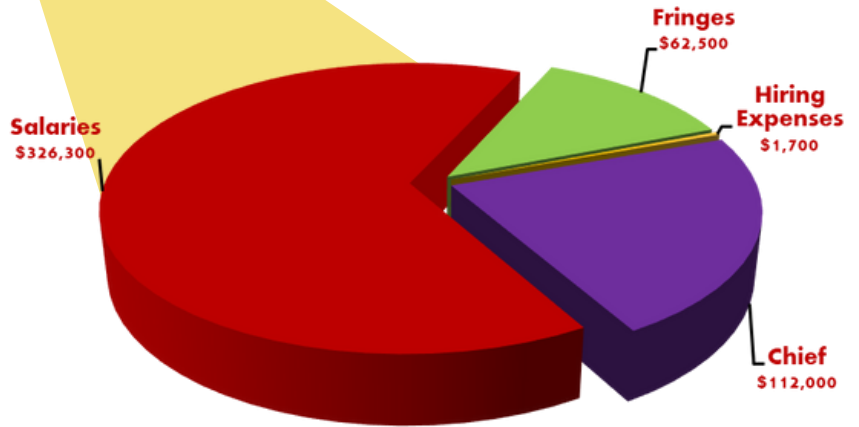
**TOTAL BUDGET: \$1,157,406**

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

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



- Salaries**
- Incident Payroll: \$163,046  
(with incident pay, overtime, training, fire prevention, officer, ICMA, and duty weekend)
  - Duty Shift: \$44,200
  - Admin Assistant: \$26,208
  - Fire Inspector: \$26,208



**TOTAL REVENUE: \$505,578**

# FENTON FIRE DEPARTMENT

## 24 CURRENT ON CALL FIREFIGHTERS



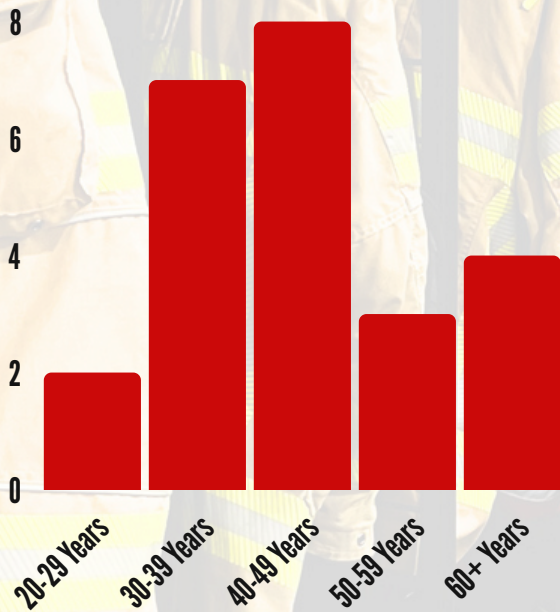
**1** FULL TIME FIRE CHIEF

**35** BUDGETED FIREFIGHTER POSITIONS

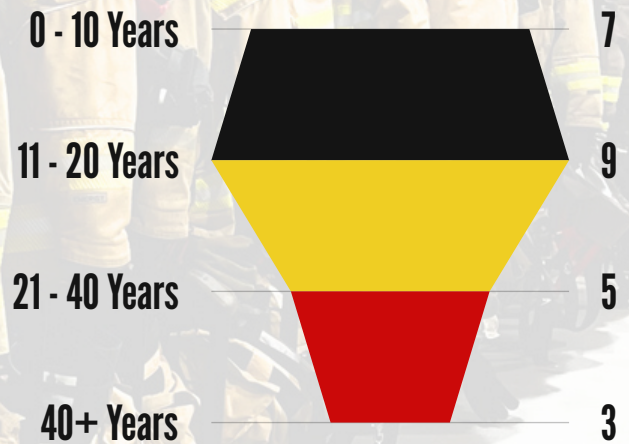
**2** PART TIME POSITIONS  
FIRE INSPECTOR (OPEN)  
ADMIN ASSISTANT

**2** DUTY SHIFT POSITIONS

### PERSONNEL AGE



### YEARS OF SERVICE



**75%**

30-59 YEARS OLD  
18 FIREFIGHTERS

**16%**

OVER 60 YEARS OLD  
4 FIREFIGHTERS

**8%**

UNDER 30 YEARS OLD  
2 FIREFIGHTERS

# CITY OF FENTON



**Robert Cairnduff**  
Fire Chief  
July 1996



**Edward Hadfield**  
Deputy Chief  
Aug 1982



**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



**Joseph Hoffman**  
Firefighter  
June 2018



**Ryan Jenema**  
Firefighter  
Nov 2006



**Michael Johnson**  
Firefighter  
Feb 2010



**Dustin Lucius**  
Firefighter  
Nov 2004



**Ian Oaks**  
Firefighter  
Aug 2021

# FIREFIIGHTERS



**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



**Julian Gross**  
Firefighter  
June 2015



**Anson Ratke**  
Firefighter  
Sept 2016



**Nicholas Schulz**  
Firefighter  
Nov 2001



**David Siburt**  
Firefighter  
Sept 2014



**Travis Whitman**  
Firefighter  
Apr 2012

**\* Not Pictured \***  
**Ricky Southard**  
Firefighter  
Jan 2024

# FIRE DEPARTMENT RECOGNITION

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 Fenton Firefighters Association.

## SERVICE ANNIVERSARIES

Firefighter David Siburt  
10 Years



Firefighter Dustin Lucius  
20 Years



Lieutenant Josh Sturgis  
20 years



Captain Nick Will  
25 Years



Assistant Chief Charles Koan  
53 Years



## FIREFIGHTER OF THE YEAR



This year's recipient of the Firefighter of the Year (FFOY) award was an obvious choice. Assistant Chief Charles Koan was chosen as the FFOY by his peers. Charlie has been a part of the department since 1971 and has been an integral part ever since. Many of our personnel were quick to mention the advice Charlie has provided to them over the years. Our younger firefighters often received and spoke of his mentorship to them and his encouragement for them when they first started.

# RETIREMENT OF CHARLES KOAN

Assistant Chief Koan retired on September 30 of 2024 with 53 years of service to the department. On October 24th, we held a retirement party at the station. The party was attended by current fire personnel, retired members of the department, city personnel, and neighboring fire agencies. Chief Koan was presented with a proclamation from the city proclaiming October 25, 2024 as Charles Koan Day in the City of Fenton. Chief Koan was a valuable member of this department and his dedication has left a lasting impression on every member of the department.



# 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 state of 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.

13 Lecture Training Sessions  
29 Hands-On Practical Training Sessions  
1,036 Total Hours of Training Obtained by all Personnel



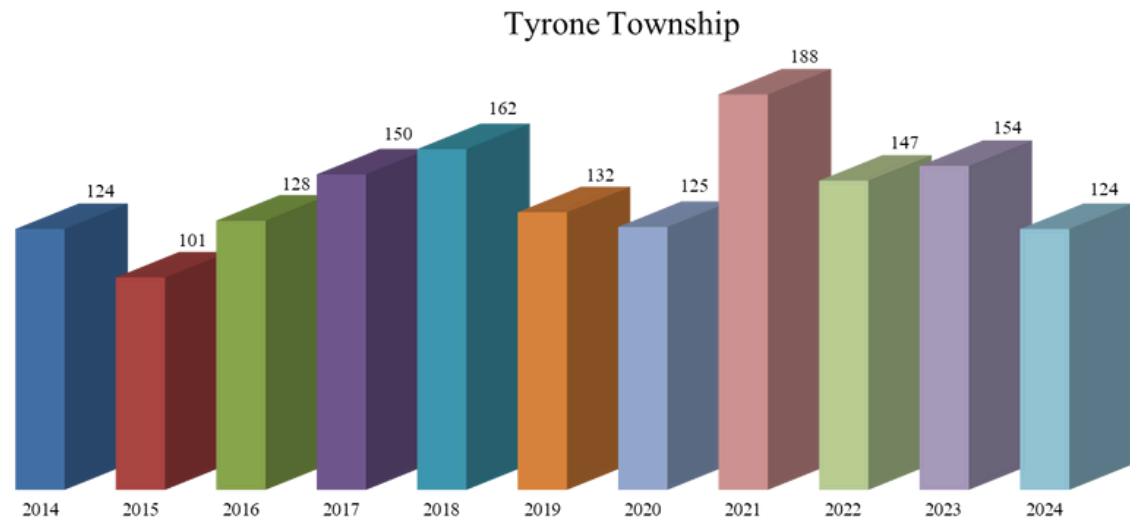
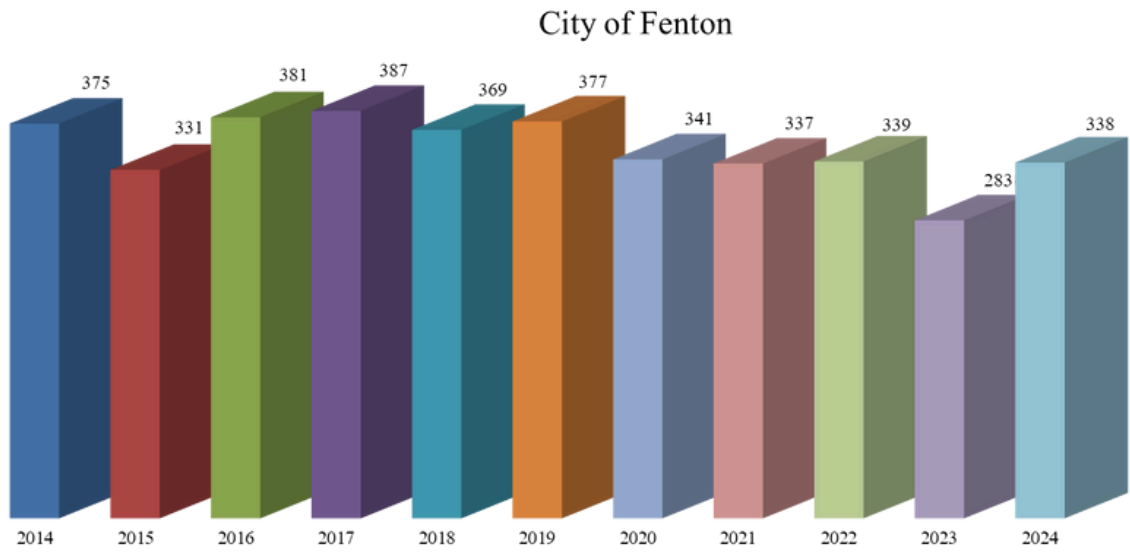
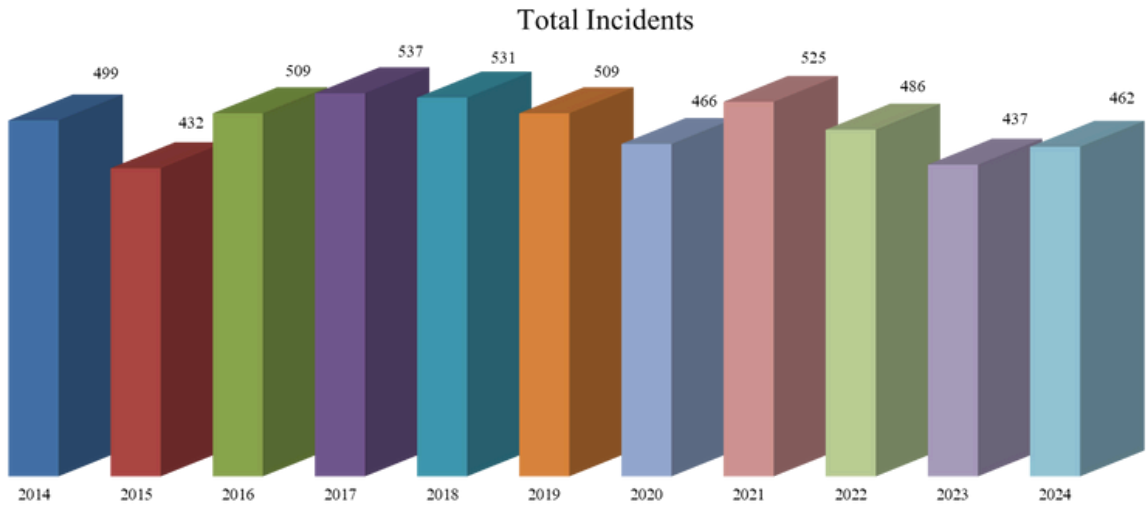
# INCIDENT STATISTICS



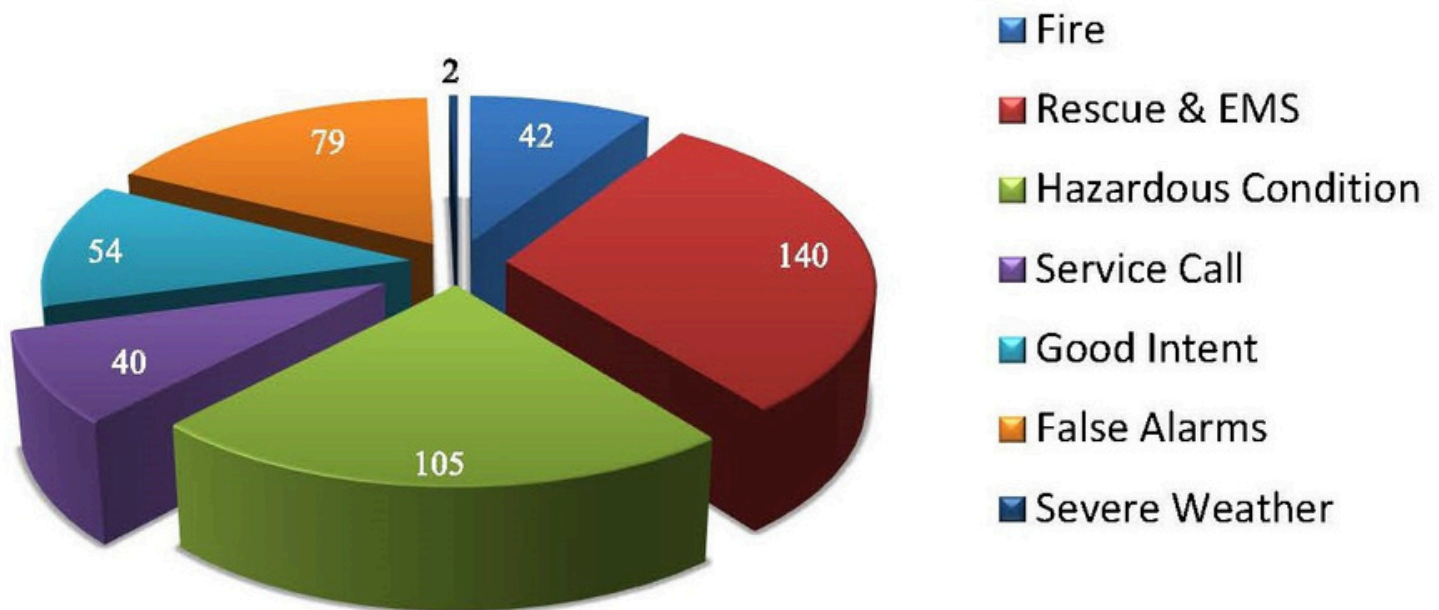


# INCIDENTS

2014 - 2024

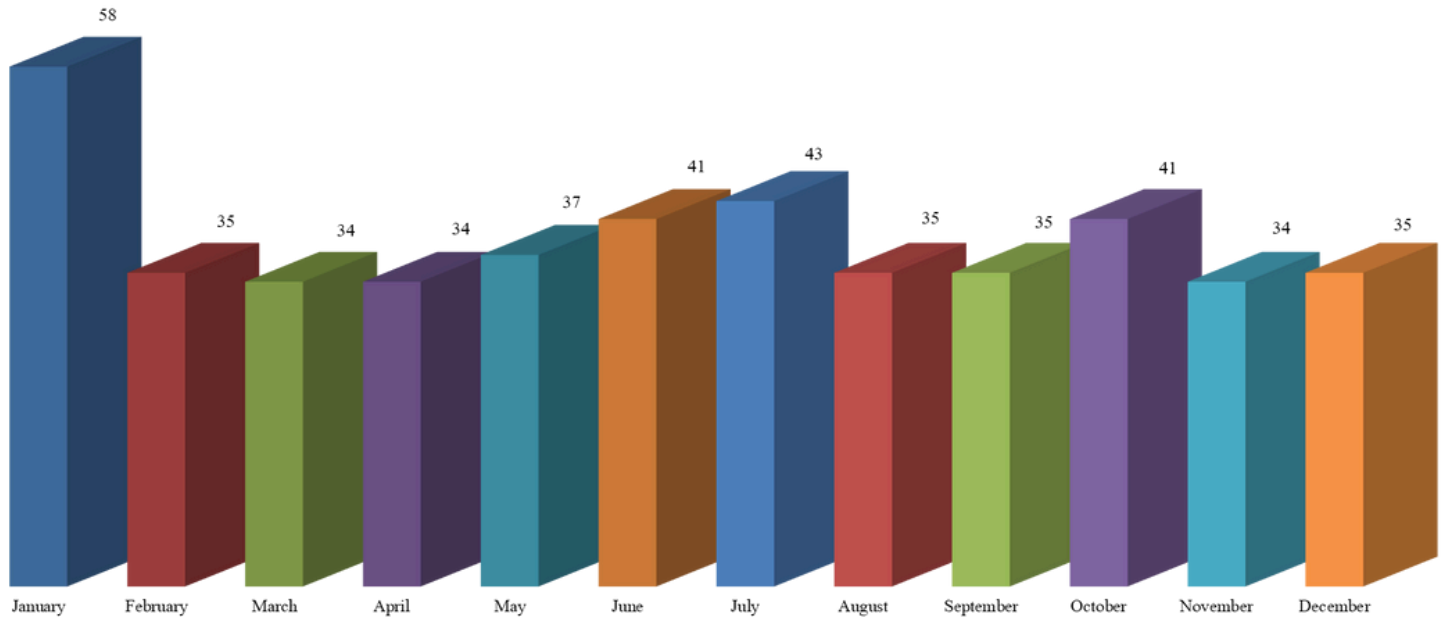


# INCIDENT REPORTING BY TYPE OF INCIDENT



100's	Fire	42
300's	Rescue & EMS	140
400's	Hazardous Condition	105
500's	Service Call	40
600's	Good Intent	54
700's	False Alarm	79
800's	Severe Weather	2
	---	
		462

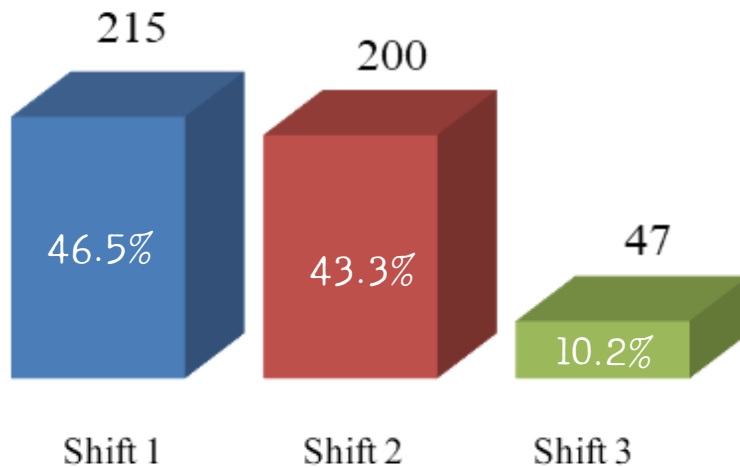
# INCIDENT REPORTING BY MONTH



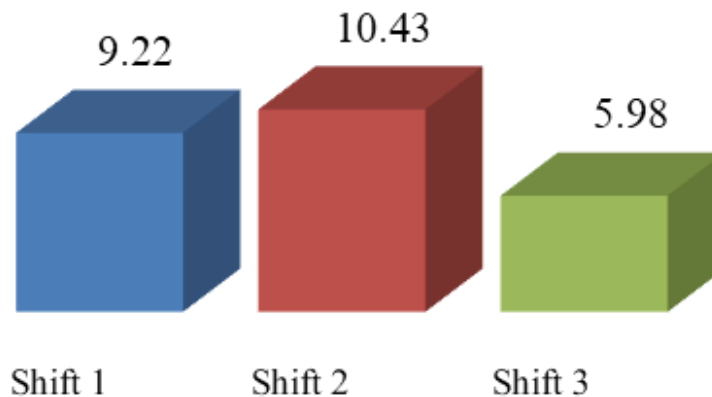
<u>Month</u>	<u>Number of Incidents</u>
January	58
February	35
March	34
April	34
May	37
June	41
July	43
August	35
September	35
October	41
November	34
December	35

# INCIDENTS BY SHIFT

Total Incidents by Shift  
(Total 462)



Average Number of  
Personnel Responses  
Per Shift

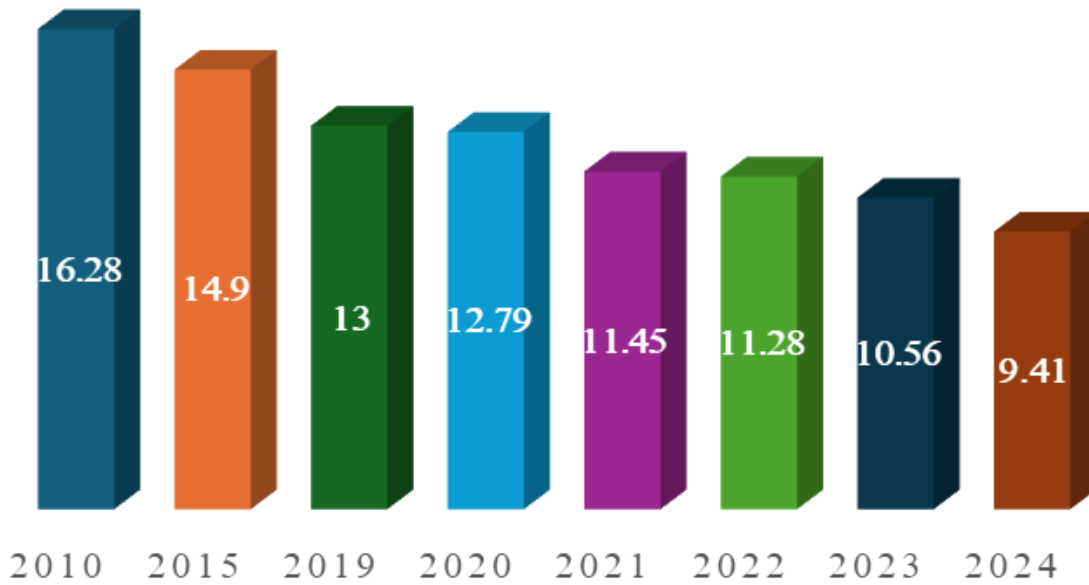


1st Shift: 7:00am - 3:59pm  
2nd Shift: 4:00pm - 11:59pm  
3rd Shift: Midnight - 6:59am

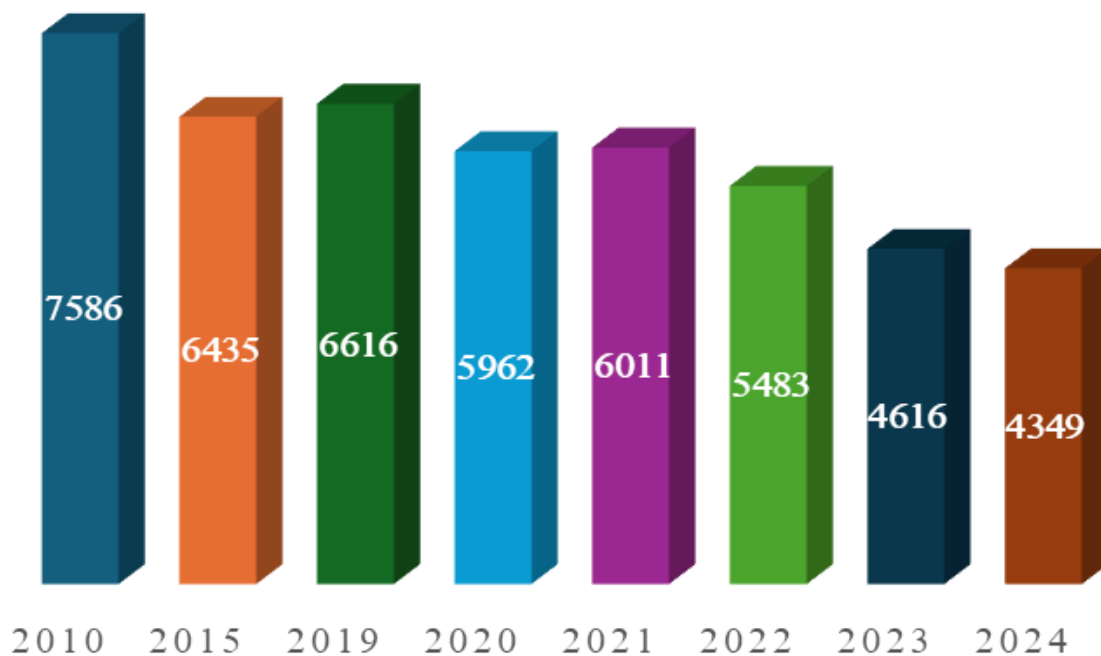
# RESPONSES

2010 - 2024

Average Number of Personnel  
Per Incident

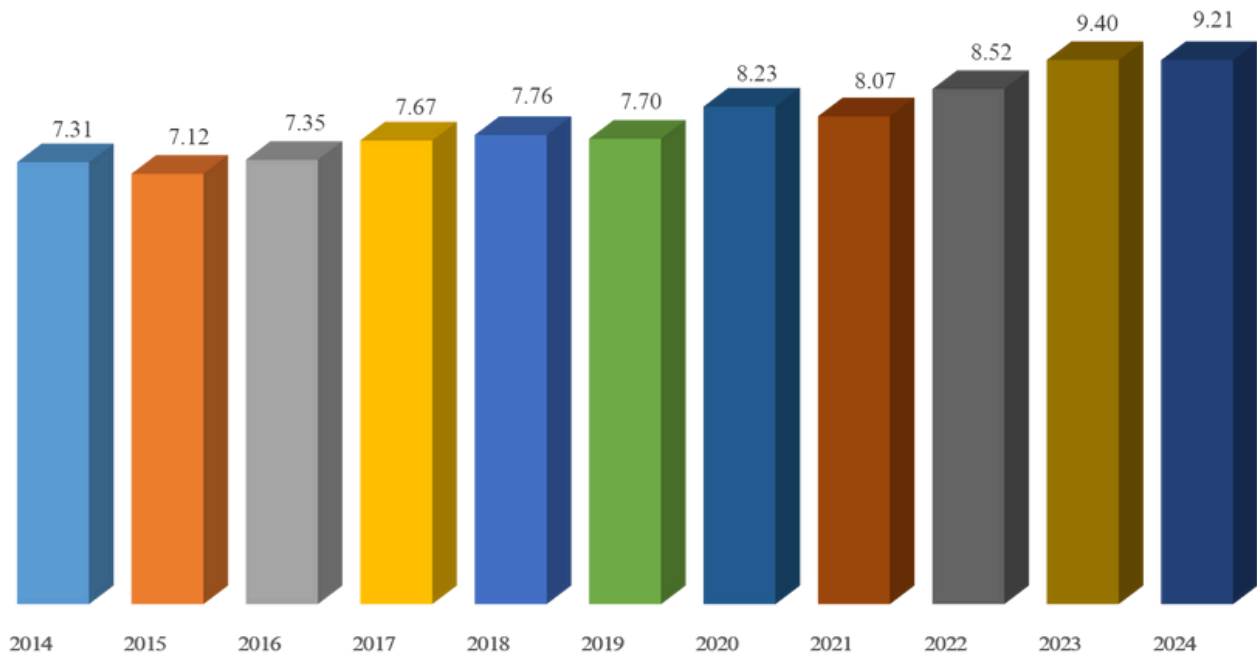


Total Number of Personnel Responses

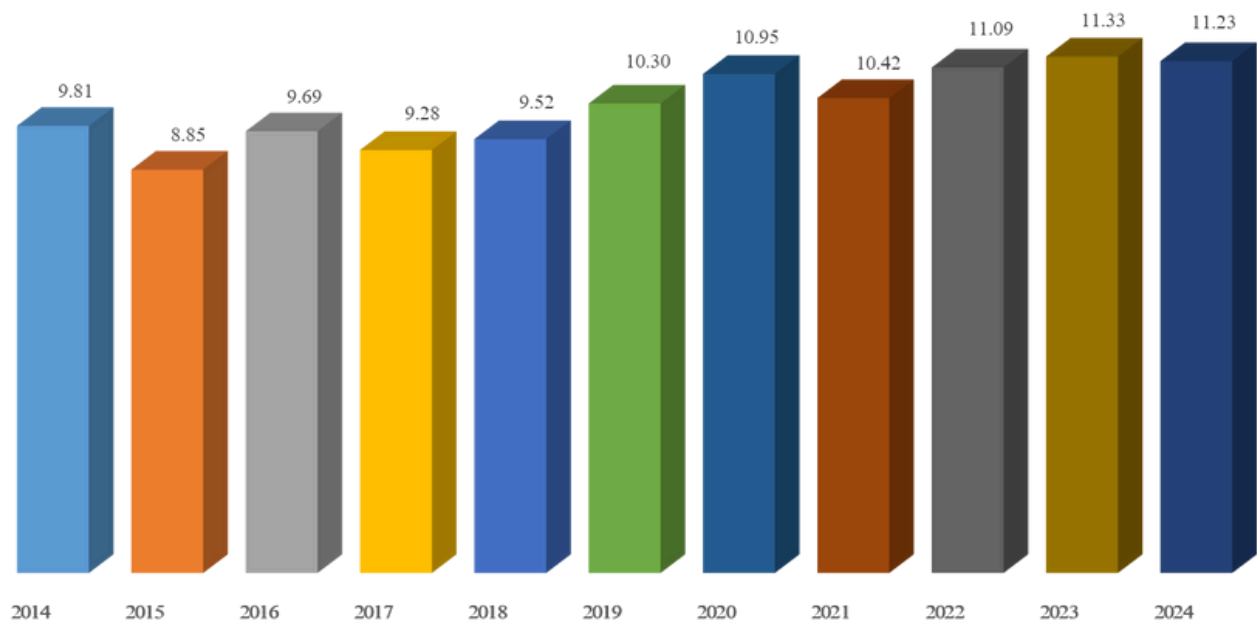


# AVERAGE YEARLY INCIDENT RESPONSE TIMES TOTAL INCIDENTS (INCLUDES EMERGENCY AND NON-EMERGENCY) IN MINUTES

City of Fenton

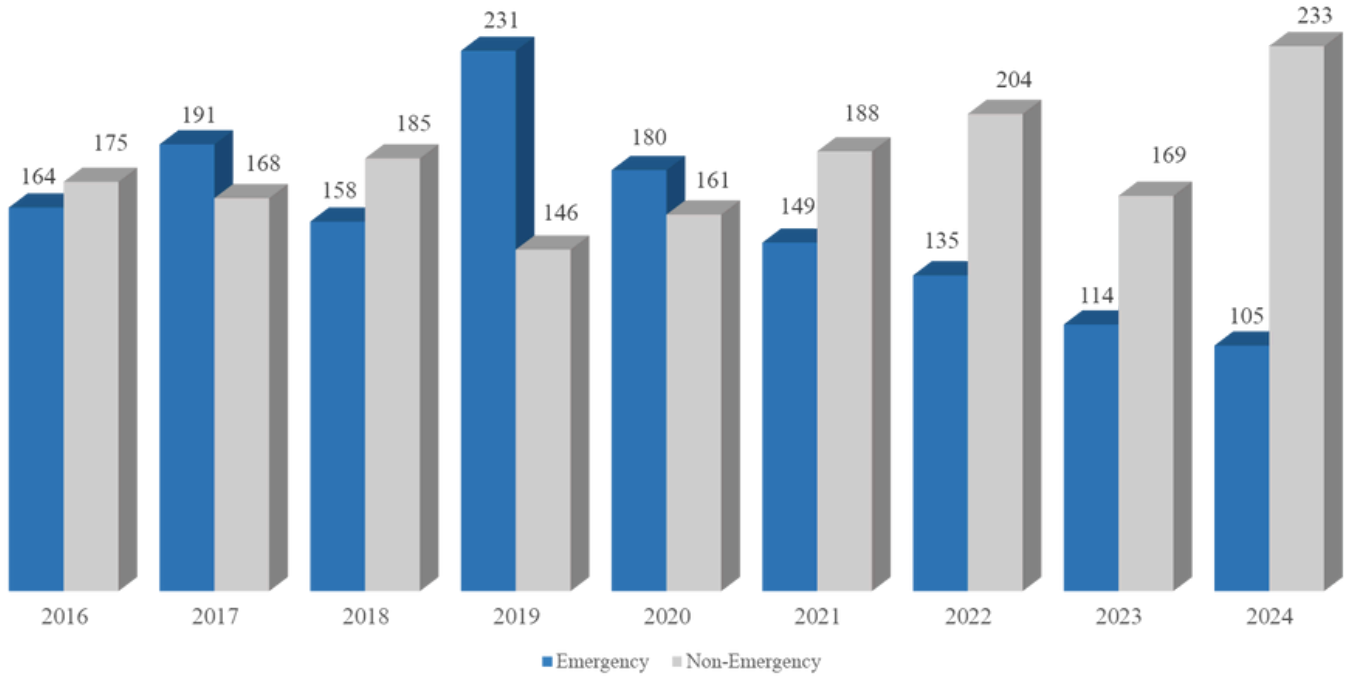


Tyrone Township

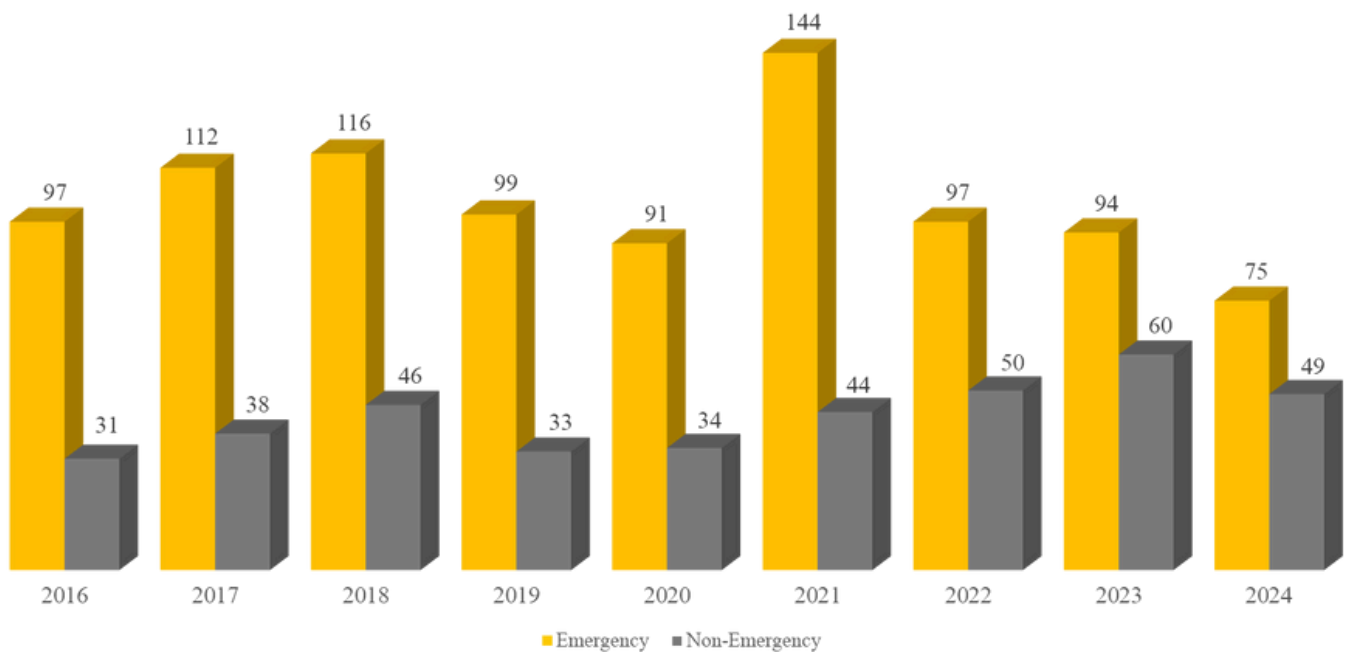


# EMERGENCY VS NON-EMERGENCY TOTAL RESPONSES

City of Fenton

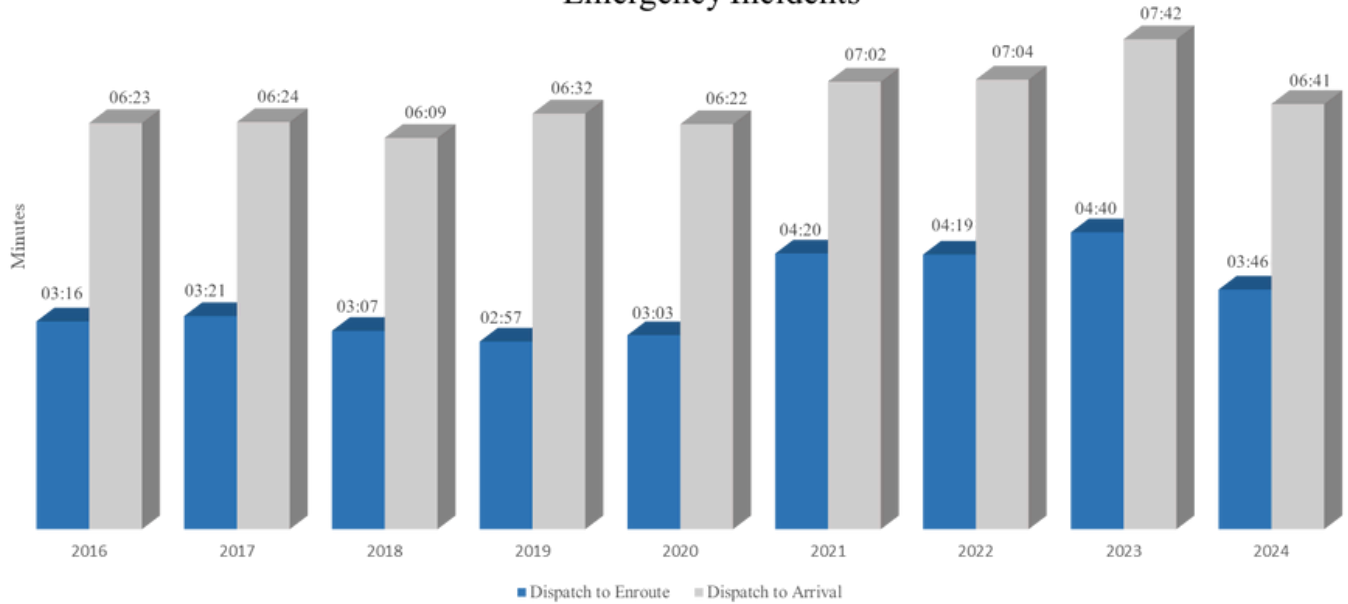


Tyrone Township

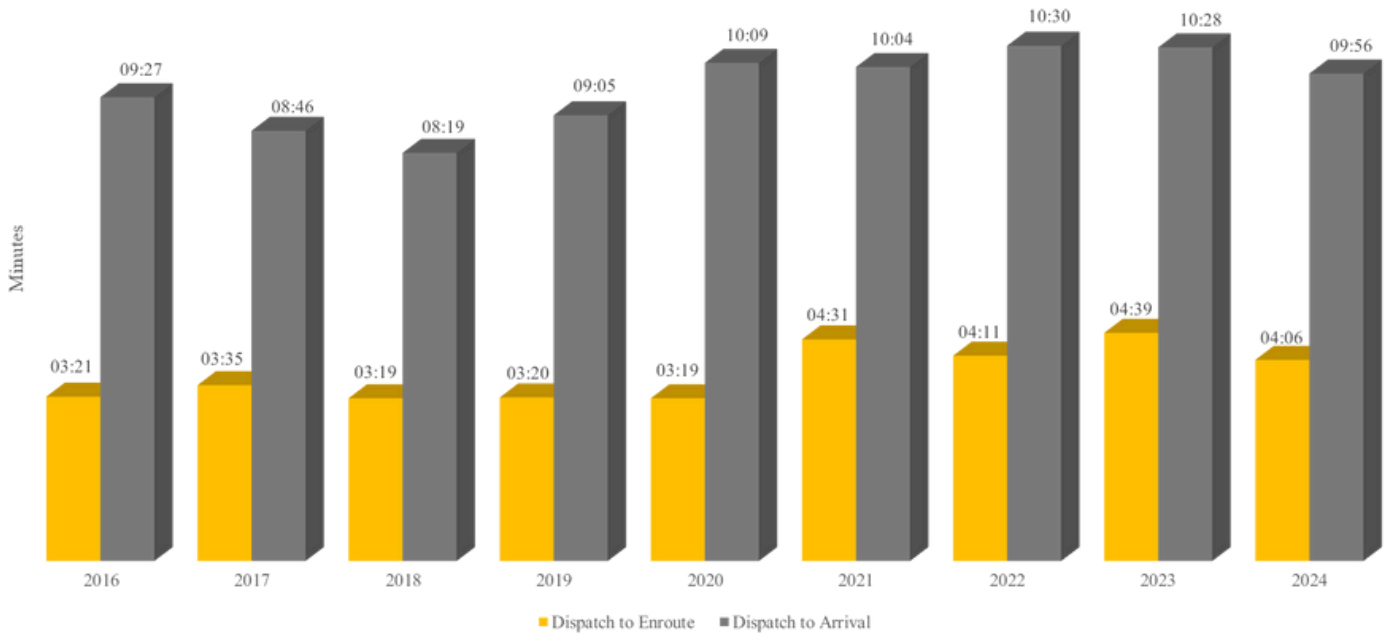


# YEARLY AVERAGE EMERGENCY RESPONSE TIMES

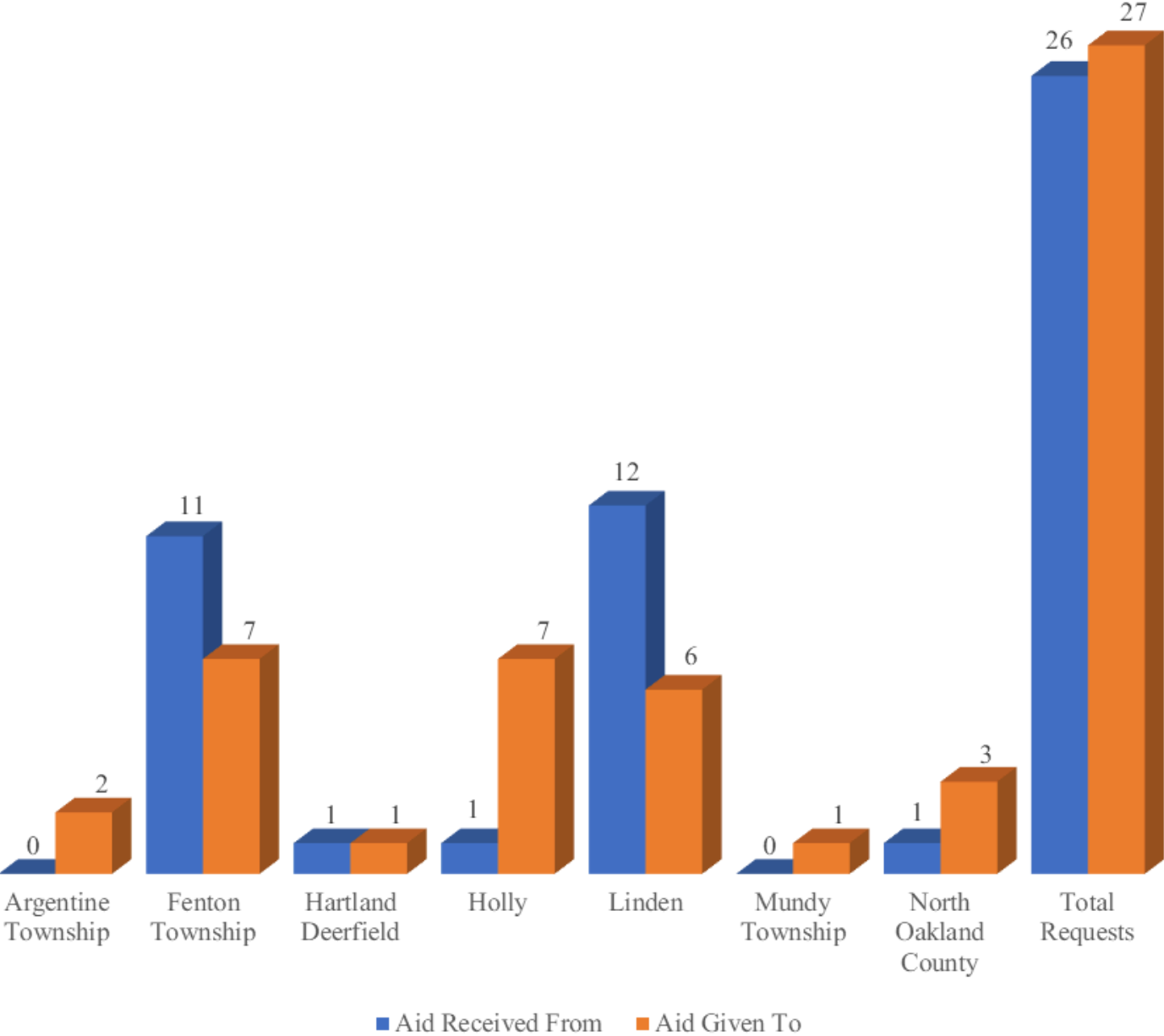
City of Fenton  
Emergency Incidents



Tyrone Township  
Emergency Incidents



# MUTUAL AID





# CITY OF FENTON FIRE DEPARTMENT

205 East Caroline Street

Fenton, MI 48430

(810) 629-8595

[www.cityoffenton.org](http://www.cityoffenton.org)



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