

2022 Annual Report



**Serving the Residents and Businesses of
The Charter Township of Flint for over 75 Years.**

2022 annual report to the Residents, Businesses, and Board of Trustees of the Charter Township of Flint

The Fire Department responded to a total of 1,137 incidents in 2022. We averaged 94.75 incidents per month, 21.9 a week, or 3.1 incidents per day. Unfortunately, there were 2 fire related fatalities in 2022. The Fire Department responds to, but is not limited to, the following types of calls: structure fires, vehicle fires and extrications, fire alarms (business and residential), police and EMS assistance, hazardous material calls, confined space rescue, wires down/arcing, carbon monoxide alarms, personal injury accidents, and public assists.

Average Response Time

During 2022, from our two stations located on either Flushing Rd. (Fire Station #2) or Bristol Rd. (Fire Station #3), our average response time was 6.24 minutes.

Staffing

The fire department is in a transitional period. In 2022, the department promoted a fire chief, had one full-time firefighter retire, and we hired 2 new full-time firefighters. Current staffing is at 27. Staffing is comprised of 11 full-time officers covering the Flushing and Bristol Rd. Stations, 7 days a week and 24 hours a day. When staffing allows, Reuben St. (Fire Station #1) is staffed 24 hours a day. 24-hour staffing is filled with 2 captains, 5 sergeants, and 2 firefighters. Fire Station #1 is staffed by a fire chief, assistant fire chief, and a full-time administrative assistant (non-fire trained) from 8 a.m. to 4:00 p.m., Monday through Friday. We currently have 16 on-call (part-time) firefighters, on a paging system dispatched through Genesee County 911. We had 2 on-call firefighters retire in 2022.

Cost Recovery

In 2022, the Fire Department billed insurance companies, Consumers Energy, and non-residents for incidents; recovering \$40,387.44 through the cost recovery ordinance. This is up from 2021 where we recovered \$21,950. In December 2021, we partnered with Fire Recovery USA for assistance in cost recovery. This company deals with all of the billing, collections, payments, etc. and the township receives 78% of all funds collected. In 2022, we also collected \$7,325.00 in plan review and fire inspection fees.

Grants

We were awarded a grant from The Hundred Club of Genesee, Shiawassee, and Lapeer Counties totaling \$2,600.00. This grant was used to purchase particulate blocking firefighting hoods. These hoods help protect our firefighters from the dangerous cancer-causing particles in smoke.

Equipment

New Aerial Fire Truck

We ordered a new aerial fire truck from Sutphen Corporation in May 2022. Delivery is expected in late summer or early fall of 2023. This truck will replace Engine 11 as our Lead or primary unit. Engine 11 will become Engine 12 in a back-up role. Our former Engine 12, which is a 1996 (26 years old), was retired from service and sold in December 2022. Fire apparatus have a recommended service life of 20 years, depending on use. This will give us our first ladder/aerial apparatus since our last ladder went out of service in 2004.

1990 Chevrolet Van

We sold our 1990 fire investigation van at auction in December 2022. This vehicle was outdated, not used, and was not safe for further emergency operations.

New Hurst Battery-Powered Rescue Tools

We purchased Hurst Battery-Powered Rescue Tools in October. Extrication tools are vital for the rescue of entrapped occupants of vehicle accidents, entanglement in machinery, as well as forcible entry into buildings. This new equipment replaced some of our tools that were purchased in the 1980's. Through extensive testing, we found that the capabilities and versatility of these Hurst Battery-Powered Tools would greatly enhance our rescue efforts. Since putting this equipment into service, our expectations have been proven. Ultimately, the speed and efficiency that these tools have provided to our operation is a direct benefit to those trapped. This is the second set of tools we purchased like this. Now both lead engines out of Stations 2 & 3 have battery powered extrication equipment.

Self-Contained Breathing Apparatus (SCBA)

One captain and one sergeant are certified to repair the SCBAs in the department. They are responsible for servicing 43 masks and 42 SCBA units. Annually, each mask and unit are torn down, cleaned, tested, and returned to service. In 2022, all masks passed successfully. Four SCBA units failed testing and have been sent in for warranty repair. The SCBA units, when repaired, are also tested before returning to service. SCBA tanks were hydrostatic tested in 2022. This is required every five years, with a 15-year life cycle for the SCBA bottles. All bottles passed successfully and are now serviceable until testing in 2027. The breathing air compressors are tested quarterly for contaminants. During each compressor test of 2022 both of our air compressors passed successfully.

Fire Hose Testing

Each year The National Fire Protection Association (NFPA) requires fire departments to test fire hose. In 2022, we tested 114 lengths (5,700 ft.) of 1 ¾" hose with 10 failures; 128 lengths (6,400 ft.) of 2 ½" hose with 1 failure; and 36 lengths (3,600 ft.) of 4" hose with 1 failure. Total hose tested was 278 lengths or 15,700 feet (2.97 miles). As hose testing is very labor intensive, it required 197 man-hours for completion.

Building Upgrades / Improvements

Fire Station #1 - 5331 Reuben St.- New AV equipment was installed in our training room. This includes a new dry erase board, projector screen, speakers, and projector. Painting was completed throughout the interior of the station, not including the apparatus bay. Carpet tiles were installed in all administrative offices. Several pieces of new office furniture were purchased to replace damaged items. Most lighting that is on daily for administrative duties were converted to LED for energy savings.

Fire Station #2 - 3327 Flushing Rd.- Painting was completed in the living area of the station. This is the first time it has been repainted since this station was built in the 1980's.

Fire Station #3 - 2511 W. Bristol Rd.- New storage lockers were purchased for storage of equipment / supplies.

Hydrant Repair and Maintenance

During the spring of 2022, weed control was completed around fire hydrants located in rural areas of the township in order to make the hydrants visible throughout the summer. In the summer months and through the end of the year, light repair and scheduling with Genesee County Water and Waste Services (GCWWS) on underground repairs were made. In July 2022, the township and Fire Department entered into an agreement with Genesee County Water and Waste Services to winterize, maintain, and paint fire hydrants within Flint Township. This process includes: visibly checking a hydrant for damage, exercising the main valve, flowing water, and pumping water out of the barrel to keep the hydrant from freezing. Prior to this contract, GCWWS completed repairs/replacements on approximately 50 fire hydrants that were unusable. For 2022, GCWWS repaired or replaced 95 hydrants. Due to our aging hydrants and water system, there are ongoing maintenance and repair issues to be addressed. The number of personnel hours charged for working on hydrants in 2022 was 31. Any damage or maintenance issues discovered during the fall winterization process will be repaired as time and weather allow. Fire hydrants will begin being painted in spring 2023, and will be on a 5–6-year rotation.



Fire Inspection Activities

The fire chief, assistant chief, one captain, and one sergeant conduct fire inspections in the Township. This list has now grown to include a dedicated Fire Marshal in 2023. All inspections are in accordance with the 2015 International Fire Code. In addition, our inspectors review plans, conduct fire alarm testing, conduct pre-construction inspections, and attend planning meetings. In 2022, 122 businesses were inspected and 30 plans were reviewed for new construction and renovation projects. The primary focus for inspections was on restaurants, new businesses, and new construction builds in the township.

Fire inspectors look for, but are not limited to, the following:

- SPRINKLER SYSTEM
- PORTABLE FIRE EXTINGUISHERS
- EXIT LIGHTS
- EMERGENCY LIGHTS
- EXIT DOOR LATCH OPERATION
- WIDE CLEARANCE TO ALL EXITS
- STORAGE IN EXIT AREAS
- STORAGE IN A MECHANICAL ROOM OR BY HEAT-PRODUCING DEVICES
- PLUG ADAPTORS OR EXTENSION CORDS
- FACTORY-EQUIPPED APPLIANCE CORDS
- POWER STRIPS (EXCEPTION FOR COMPUTERS, LED LIGHTS/SIGNS AND PHONE SYSTEMS)
- CEILING TILES
- DEAD BOLTS ON EXITS EQUIPPED WITH A MANDATORY INSIDE MANUAL RELEASE
- PADLOCKS OR BOLT LOCKS ON EXITS
- HOOD FIRE SUPPRESSION SYSTEM AND CLEANING
- HOOD FIRE SUPPRESSION NOZZLE CAPS

Fire Prevention

The Fire Department visited schools, conducted fire station tours, participated in parades, and attended public events. In total, the Flint Township Fire Department had a presence at 30 public events during 2022. This does not include the nearly 100 smoke and carbon monoxide detectors we installed throughout the community.

Fire Investigations

The Fire Department investigates all fires, ranging from a simple interview to a full investigation taking weeks or months. A fire investigator's role is to look for the probable cause and origin of a particular fire. A total of 17 fires were full investigations in 2022. These investigations included 6 fires that were intentionally set (2 vehicle fires and 4 structure fire).

Firefighter Training

To keep skills sharp, our firefighters train for up to 3 hours a session and at least twice a month. We trained for 1,924 hours during 2022, in accordance with Michigan Occupational Safety and Health Administrative (MIOSHA) Part 74, Fire Fighting. Training included, but was not limited to: incident command, hose pulls, rapid intervention crew, right-to-know, fire control, hose streams, ladders, vehicle extrication, hazardous materials, and all subjects that correspond with the duties a firefighter is expected to know and be able to perform.







Search & Rescue training in our training facility



Cooperative training with Bishop Airport firefighters

Our training facility on the west side of station 1



Community Activities

Department personnel attended the Carman-Ainsworth Homecoming Parade, and Flint Township Egg Drop. Department personnel also participated in “National Night Out”, “Trunk or Treat” at Halloween and “Shop with a Hero” at Christmas time. We also hosted our first annual open house at Fire Station 1. We had a great event, with a lot of fire safety messages and presentations for the community. Our plan is to make this an annual tradition.

The Flint Township firefighter’s, along with Flint Township police officers, in partnership with Matrix gave out approximately 50 turkeys to seniors at the Flint Township Carman Ainsworth Senior Center at Thanksgiving.

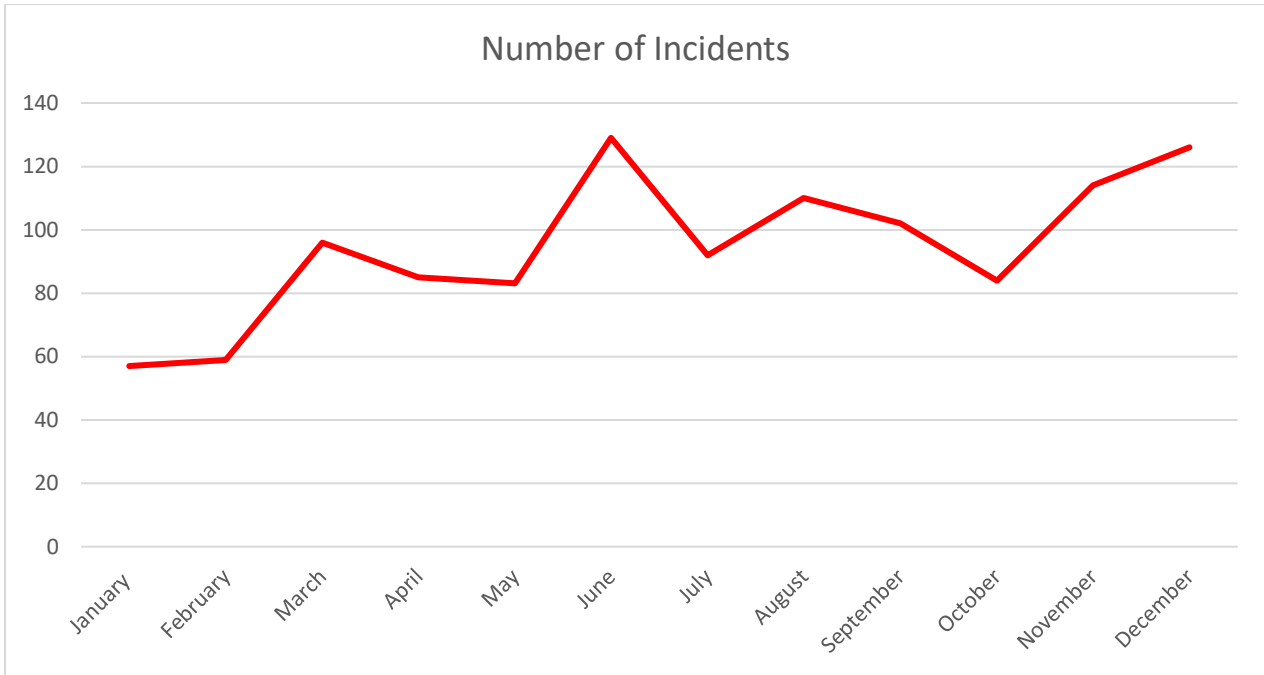
Flint Township Firefighters serving







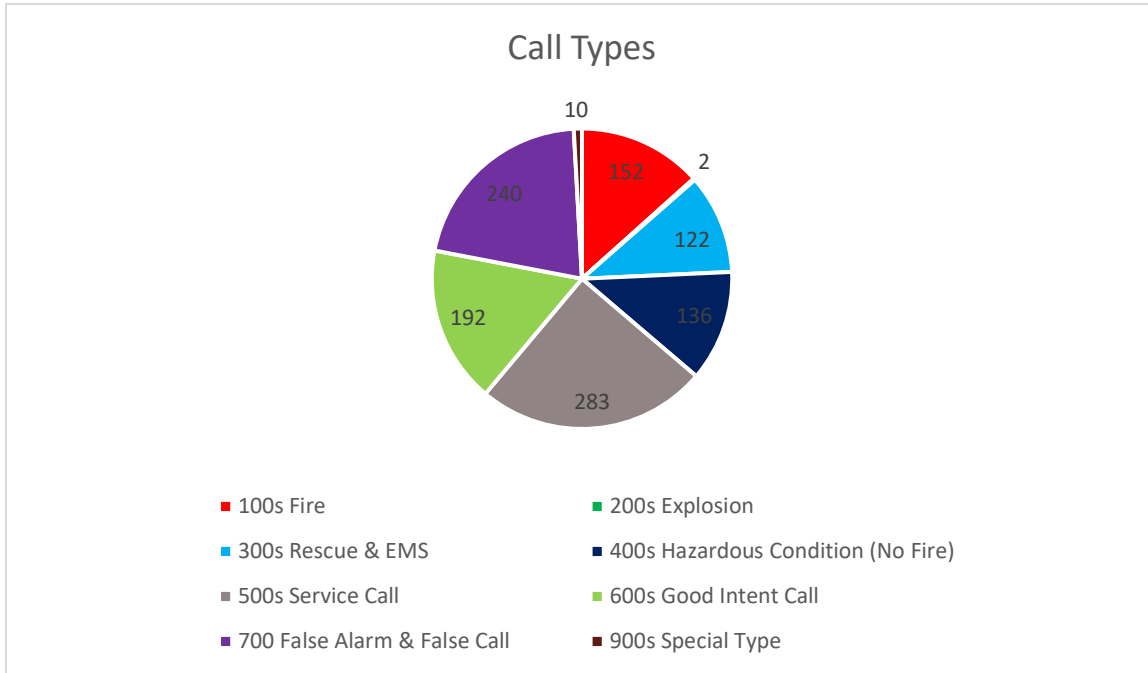
Incident Reporting by Month



Period:	# of Incidents:
1/2022	57
2/2022	59
3/2022	96
4/2022	85
5/2022	83
6/2022	129
7/2022	92
8/2022	110
9/2022	102
10/2022	84
11/2022	114
12/2022	126

Total Incidents: 1,137

Incident Report, By Type of Incident

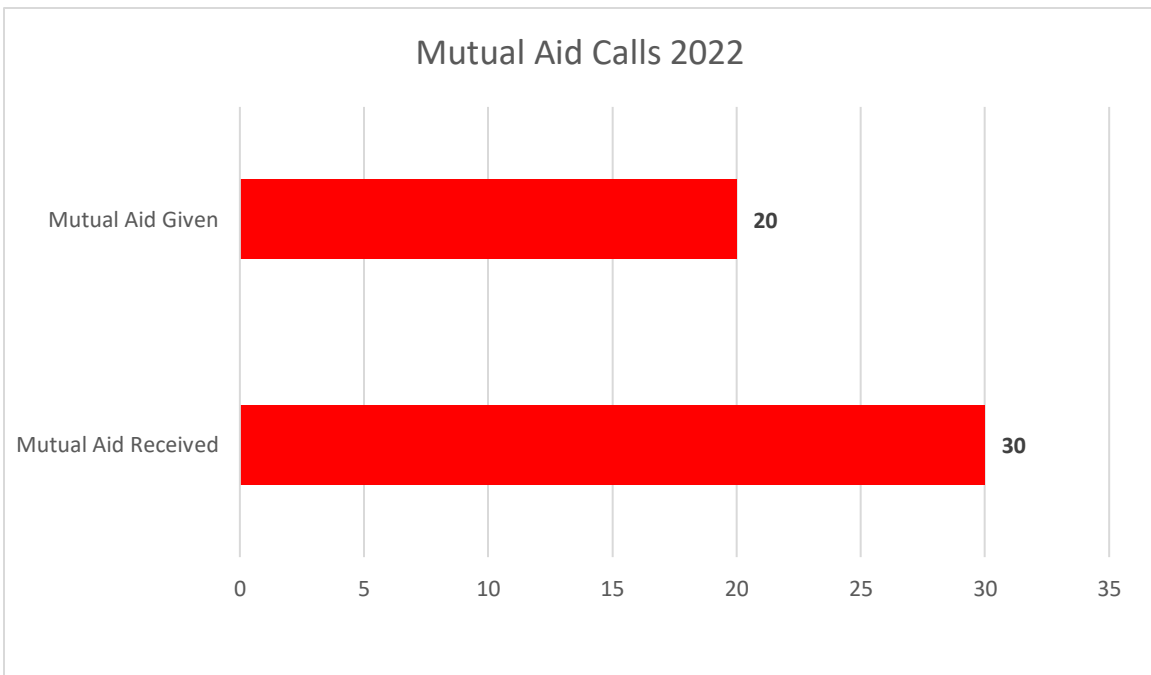
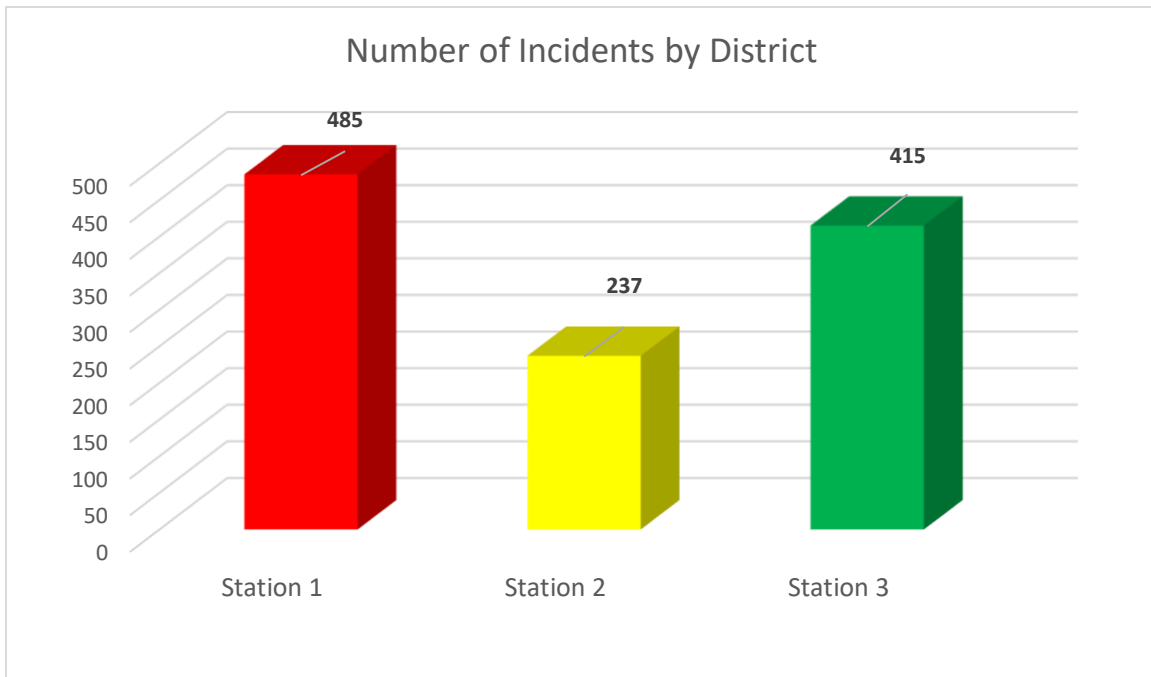


Graphed Items are sorted by Incident Type

100 Series-Fire	152	13 %
200 Series-Explosion	2	< 1 %
300 Series-Rescue & EMS	122	11 %
400 Series-Hazardous Conditions (No fire)	136	12 %
500 Series-Service Call	283	25 %
600 Series-Good Intent Call	192	17 %
700 Series-False Alarm & False Call	240	21 %
900 Series-Special Type	10	1 %

Grand Total: 1,137

Type of Incident Most Frequent: 500 Series-Service Call



To our residents, businesses, and Board of Trustees:

THANK YOU FOR YOUR CONTINUED SUPPORT!