

2016 Annual Report



**Serving the Residents of
The Charter Township of Flint for over 70 Years.**

2016 Report to the Residents of the Charter Township of Flint

The Fire Department responded to a total of 748 incidents in 2016. We averaged 62.3 incidents per month, 14 a week, or 2 runs per day. There were no fire fatalities in 2016. The Fire Department responds to, but is not limited by, the following types of calls: structure fires, vehicle fires and extrications, police and EMS assistance, hazardous material calls, confined space rescue, wires downs/arcings and residential assists.

The average response time during 2016, from the two stations located on either Flushing or Bristol Roads, was 7.8 minutes.

Staffing at the fire department is at 29. Officers and firefighters comprised of eight full-time officers staffing two stations, Flushing and Bristol Roads respectively, seven days a week, 24 hours a day utilizing three captains and five sergeants. Station 1 is staffed by an Assistant Fire Chief and a part-time administrative assistant (non-fire trained) from 8 a.m. to 4:30 p.m., Monday through Friday. We have 18 on-call (part-time) fire fighters, on a paging system dispatched through Genesee County 911. There are currently 1 full time employee and 1 on-call fire fighter on sick leave. The department is down three on-call fire fighters from 2015 due to illness, moving and change of jobs. No new personnel were hire in 2016.

Retirements, deaths

The Department said good-bye to four (4) former or retired employees who passed away.

Craig Greenway, Sargent - 1998 to 2013

Jack Artibee, On-call Fire Fighter – 1967 to 1984



Robert Simpson, On-call Fire Fighter - 1966 to 1998



Greg Wright, Retired Fire Chief - 1973 to 2001

Cost Recovery

The Fire Department, in 2016, billed insurance companies, Consumers Energy and non-residents for calls, recovering \$9,300 through the Cost Recovery Ordinance. This is up from 2015 (\$6700).

Grants

We were awarded two grants totaling \$1,900. A grant in the amount of \$900 was received from the "One Hundred Club of Genesee, Shiawassee, and Lapeer Counties" and was used to purchase orange safety cones. A second grant, from Canadian National Railroad (CN) in the amount of \$1,000, used to purchase Flint Township Fire Department logo sweatshirts and T-shirts, along with LED flash lights and safety webbing for fire fighters.

Equipment/Apparatus

New equipment purchase

Staff Vehicle

Fire Extrication Gloves for all FF CN Grant money
28" orange cones and mounts 100 Club grant money
3 - 75' Water rescue throw ropes
1100 feet 4" fire hose
New 2012 IFC Code books

1 New Pumper

Flash Lights for all FF CN Grant money
10- Minitor VI pagers and chargers
3 - Knox box secure key for engines
SCBA service computer upgrade



Self Contain Breathing Apparatus (SCBA)

Two Sergeants are certified to repair the SCBAs in the department servicing 63 masks and 33 harnesses. Each mask is torn down yearly cleaned and tested before returning it to service. The SCBA harness, when repaired or serviced, batteries replaced, are then tested yearly before returning to service. SCBA tanks are tested every five years and are on their last year of service (15 Years). The SCBAs purchased in 2002 are currently in their last year of service and are scheduled to be replaced in 2017. The compressor breathing air is tested quarterly for contaminants. Currently Flint Township has a pending Assistance to Fire Fighting Grant in for replacement of SCBAs.

Fire Hose Testing

Each year The National Fire Protection Agency (NFPA) requires fire departments to test fire hose. In 2016, we tested 284 lengths of hose totally 15,700 feet. This took three consecutive days totally 98.75 personnel hours for 1 3/4" and 2 1/2" and one day for 4" hose. We had one length of 2 1/2" fail with all other hose passing the test.

Fire Hose Inventory

121 lengths (6,050 ft.) of 1 3/4" tested
130 lengths (6,500 ft.) of 2 1/2" tested
33 lengths (3,150 ft.) of 4" tested
11 new lengths purchased

Building Upgrades

Station 1 Men's and Women's bathroom plumbing upgrades

Station 2 Bathrooms plumbing upgrades Plumbing for gear washer at station 2

Ditch improvements at station 3 Station backup generators at station 2 and 3

Hydrant Repair and Maintenance

During the spring of 2016, 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 lite repair on hydrants and scheduling with Genesee County Water and Waste Services (WWS) on underground repairs are made. In the fall, approximately 380 hydrants were winterized by 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. A total of 75.25 hours were charged for working on Hydrants in 2016.

Issues discovered during the fall winterization process were repaired or corrected. To update aging hydrants in the Township, five were replaced by WWS. WWS repaired 22 water main breaks/repairs and replaced 7 damage /old hydrants with a new hydrant.

Fire Inspections

The Assistant Fire Chief and the three Department Captains conduct fire inspections in the Township. All inspections are in accordance with the 2012 International Fire Code. During 2016, 188 businesses were inspected and/or blue prints reviewed. The focus primarily was on restaurants, new businesses and new construction builds in the township.

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

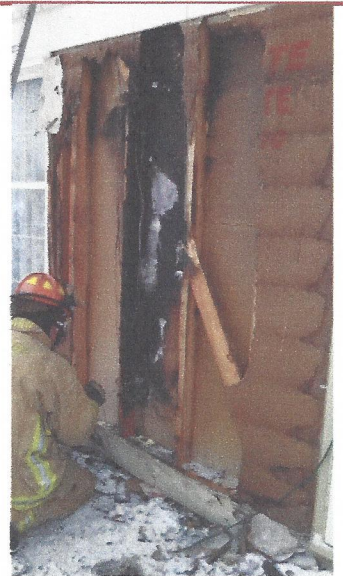
- SPRINKLER SYSTEM
- PORTABLE FIRE EXTINGUISHERS
- EXIT LIGHTS
- EMERGENCY LIGHTS
- EXIT DOOR LATCH OPERATION
- WIDE CLEARANCE TO ALL EXITS
- STORAGE IN EXIT AREAS
- STORAGE IN A MECHANICAL ROOM OR BY HEAT-PRODUCING DEVICES
- PLUG ADAPTORS OR EXTENSION CORDS
- FACTORY-EQUIPPED APPLIANCE CORDS
- POWER 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 took place in many forms from visits to schools, conducting fire station tours, participating in parades, installation of smoke detectors or batteries, and attending public events. In total, the Flint Township Fire Department had a presence at more than 46 public events during 2016.

Fire Investigations

The 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 cause and origin of a particular fire. A total of 22 fires were looked at and 12 were full fire investigations in 2016. Our Fire investigator was an expert witness in a trial in September to convicted 2 men, of conducting a continuing criminal enterprise, for an October 28, 2015 fire at the Home Depot in Flint Township and October 29, 2015 fire at the Home Depot in Kochville Township. The men set the fires in an effort to make away with high-end equipment that they then would exchange at different stores. Both men each will serve 26-plus years behind bars for arson.

Fire Fighter Training is twice a month, to keep fire fighter skills honed, with sessions lasting up to three hours in duration. We trained for more than 1,392 hours during 2016 in accordance with Michigan Occupational Safety and Health Administrative (MIOSHA) Part 74 Fire Fighting. Training included, but was not limited to: 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 fire fighter is expected to know and be able to perform.



Fire Training Trailers were used by the Genesee County Fire Academy, Swartz Creek Area Fire and Mundy Township in 2016. The Training Trailers were obtained by Flint Township in 2012 utilizing a Federal Emergency Management Agency (FEMA) Assistant to Fire Fighting Grant. Flint Township has continued to share the trailers, even after the grant period expiration, with other fire departments in Genesee County. The trailers are moved free of charge from location to location, as needed, by Penske Logistics of Flint Township.



The Flint Township Fire Fighter Association fed four families at Thanksgiving with turkey dinners and raised more than \$12,623.15 money and toys/clothing for the Salvation Army - Red Kettle fund-raiser. They also attended the Genesee County Fire Fighter Memorial Service, the Carman-Ainsworth Homecoming Parade and delivered Santa to the Genesee Valley Mall.



Salvation Army Drive - Retired fire fighter Dan Tabor
with Buddy (Dalmatian dog).



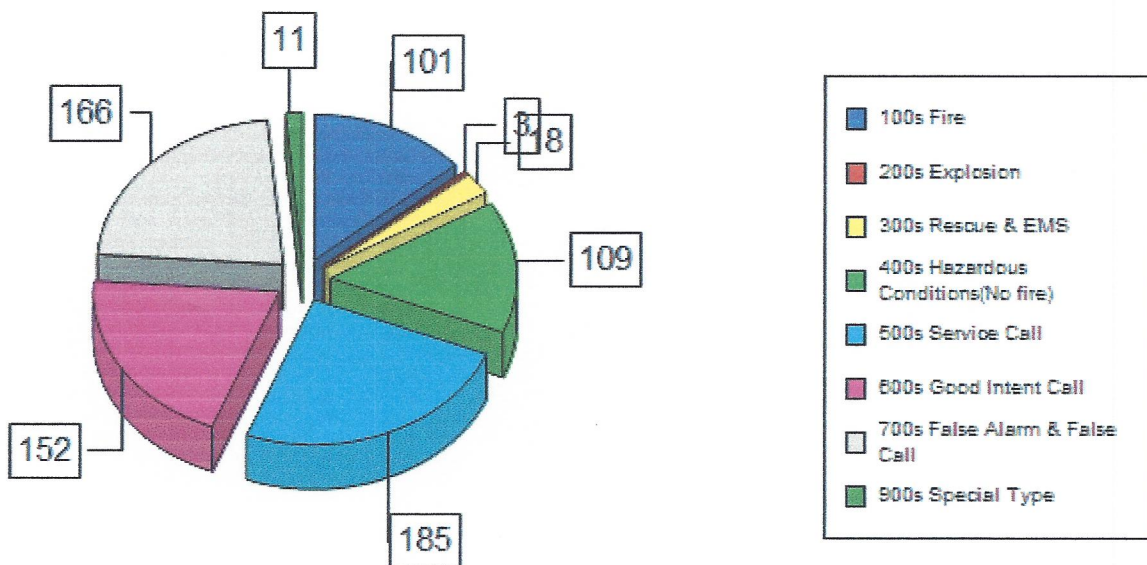
Genesee County Fire Fighter Memorial Service

Flint Township Fire Fighters serving the people



Mundy and Flint Township fire fighters public safety honor night, Carmen Ainsworth football game

Incident Report, By Type Of Incident



Graphed Items are sorted by Incident Type

Type Of Incident:

100 Series-Fire
 200 Series-Explosion
 300 Series-Rescue & EMS
 400 Series-Hazardous Conditions(No fire)
 500 Series-Service Call
 600 Series-Good Intent Call
 700 Series-False Alarm & False Call
 900 Series-Special Type

Total Of Incidents:

101
 3
 18
 109
 185
 152
 166
 11

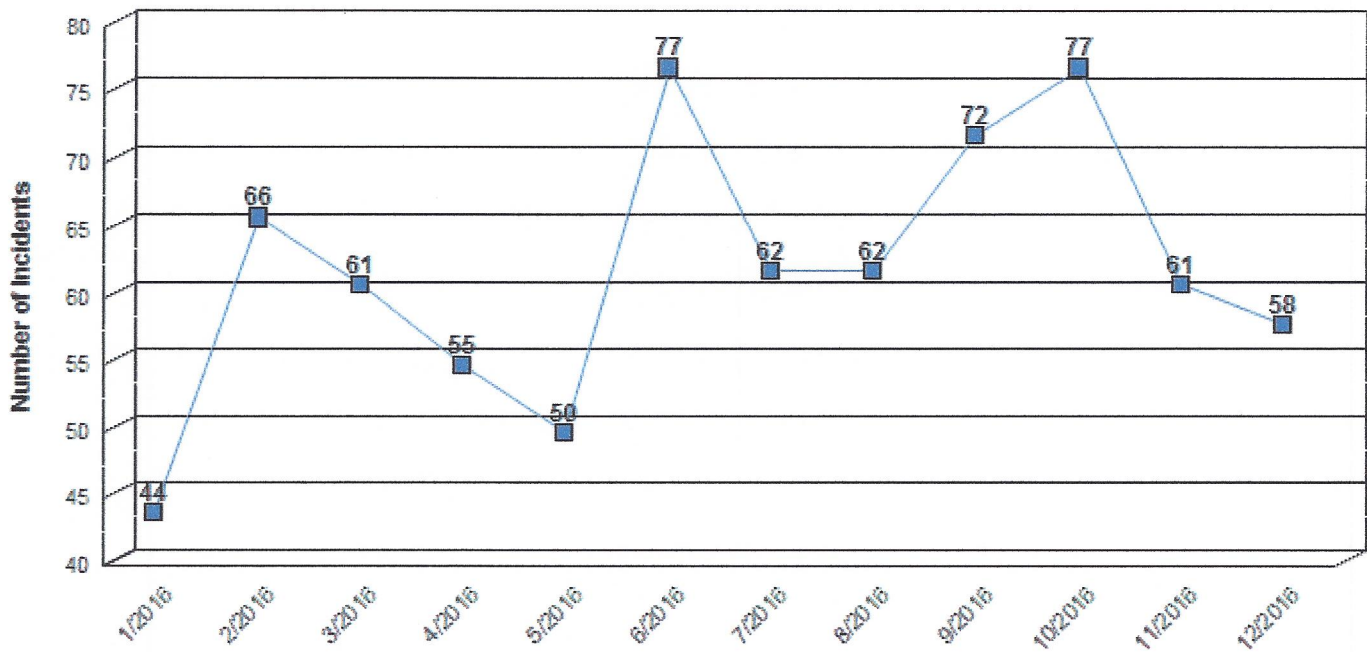
Percentage Value:

13.56%
 0.40%
 2.42%
 14.63%
 24.83%
 20.40%
 22.28%
 1.48%

Grand Total: 745

Type Of Incident Most Frequent: 500 Series-Service Call

Incident Reporting by Month

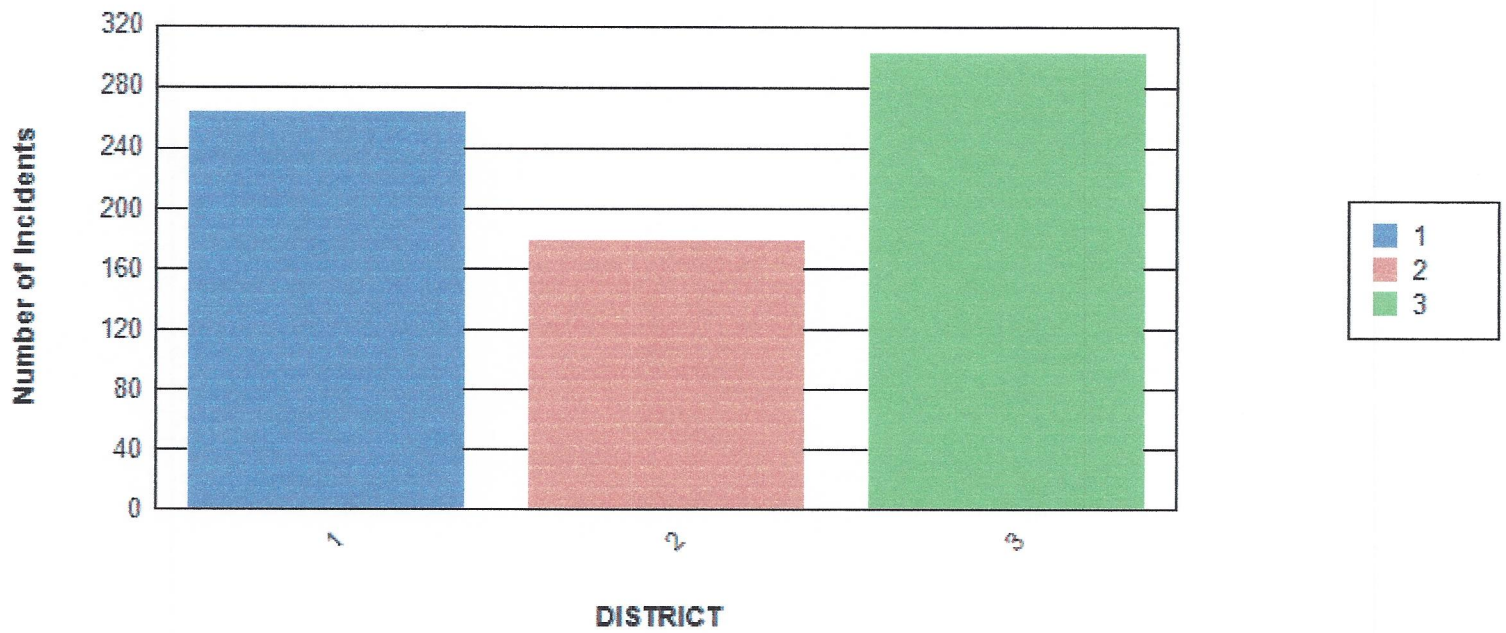


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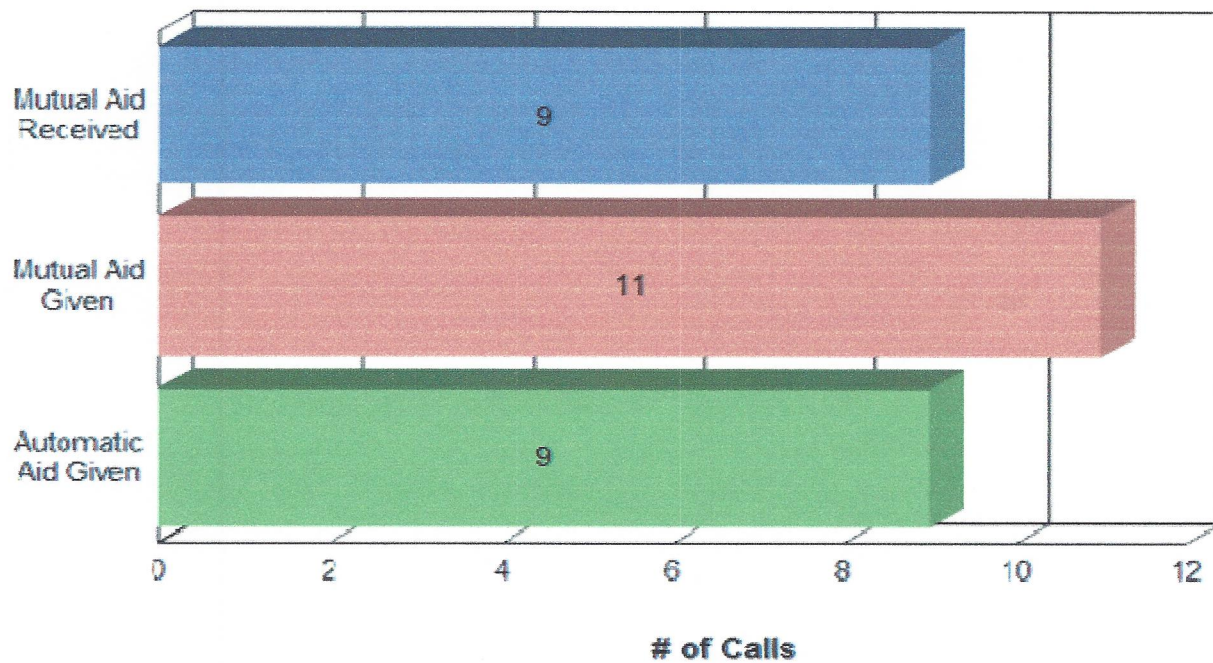
Period:	# of Incidents:
1/2016	44
2/2016	66
3/2016	61
4/2016	55
5/2016	50
6/2016	77
7/2016	62
8/2016	62
9/2016	72
10/2016	77
11/2016	61
12/2016	58

Total Incidents: 745

Number of Incidents by District



Mutual Aid Calls Per Year



Roster and Seniority

Full-Time

Assistant Chief	Michael Burkley	8/21/1995
Captain/Inspector	Gary Borse	4/20/1992
Captain/Inspector	Loren Colbert	7/19/1993
Captain/Inspector	Thomas Stadler	11/21/1994
Sergeant	Craig Ratliff	11/21/1994
Sergeant/ Investigator	Daniel Kelly	4/17/1995
Sergeant/SCBA Tec	Jason McClanahan	7/7/1997
Sergeant/SCBA Tec	Mark Story	6/2/1998
Sergeant	Timothy Nestor	2/4/2002

On- Call

Michael Kinney/Driver	4/6/1981
Greg King/Driver	7/1/1996
Paul Roop/Driver	7/1/1996
Jerry Ruby/Driver	7/1/1996
Pete Satkowiak/Driver	7/1/1996
Ryan Woods	9/23/2002
Chad Wright	9/23/2002
Jacob Hall	11/22/2004
Kevin Daunt	10/16/2007
Brian Roop	9/21/2009
Jesse Jarnigan	10/1/2010
Josh Jarnigan	10/1/2010
Megan McNally	10/2/2012
Kevin Borse	9/3/2013
Jose Hernandez	4/20/2015
Kenneth McNally	7/24/2015
Bennie Griggs	9/8/2015
Charles Moran	9/8/2015