

City of Troy Fire Department 2018 Annual Report









City of Troy Fire Department

2018 Annual Report

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City of Troy Fire Department

Message From Fire Chief Matthew D. Simmons



As we usher in a new year and close out a successful 2018, it is with great pride that I present to the honorable Mayor Michael L. Beamish, his staff, elected members of City Council, and most importantly the citizens of Troy, the 2018 Troy Fire Department Annual Report.

This Annual Report contains some of the highlights and summaries of the divisions within the Troy Fire Department. The dedicated members of the fire department strive to deliver the highest quality of emergency services possible. We are so blessed to have such a great working relationship with our city leadership team and elected officials that help move the fire department forward to meet the ever-changing needs of our community.

In July of 2018, we received the news that one of our own firefighters, Jason Holfinger succumbed to a medical condition and passed away at his residence. This news was devastating to our department and community. If it was not for the outpouring of support that we received from our city, community and neighboring fire departments, we do not know how we would have been able to get through the days, weeks, and months after his passing. We cannot thank all the individuals enough who helped and who are still helping us and his family cope through this tough time. We do know that Jason would be so proud of the way we were able to honor him and his family during the funeral services that honored his life as a father, husband, and firefighter. He will be missed dearly and our community was blessed to have had Jason as a firefighter/paramedic.

In 2019, we are truly excited to initiate major programs in our delivery system. This will include piloting an apprenticeship program that will help ensure highly trained and educated candidates, ensure continued efforts for diversity, and help form strong corporate partnerships in our community. We will also be adding two additional full-time firefighter/Paramedics who will work an alternate peak-time staffing schedule to meet our growing community's needs. As we look to the future, we will continue to be creative in every way to ensure our service "Exceeds the Expectations of Our Community".

On behalf of the dedicated firefighter/paramedics of the Troy Fire Department, I give my sincere appreciation to Mayor Michael L. Beamish, his staff, members of City Council, and the citizens of Troy for their continued support and assistance to make our department excel in the services that we provide.

Sincerely,

Matthew D. Simmons

Fire Chief

City of Troy Fire Department

2018 Annual Report

ANNUAL BUDGET



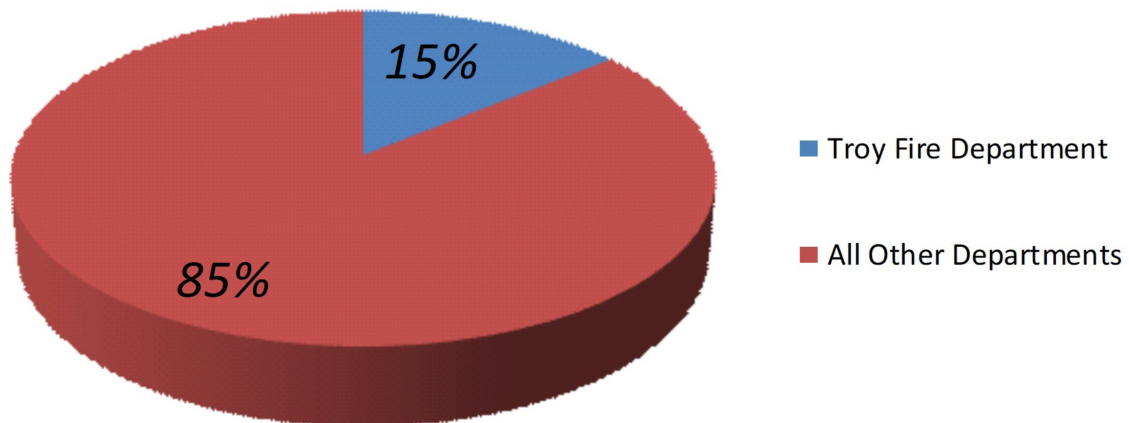
City of Troy Fire Department

2018 ANNUAL BUDGET

2018 City of Troy Approved Budget

	Approved	Total
City of Troy Budget	\$40,532,154	100%
Troy Fire Department	\$5,895,983	15%
All Other Departments	\$34,636,171	85%

2018 City of Troy Approved Budget



City of Troy Fire Department

2018 Annual Report

FIRE DEPARTMENT STATISTICS

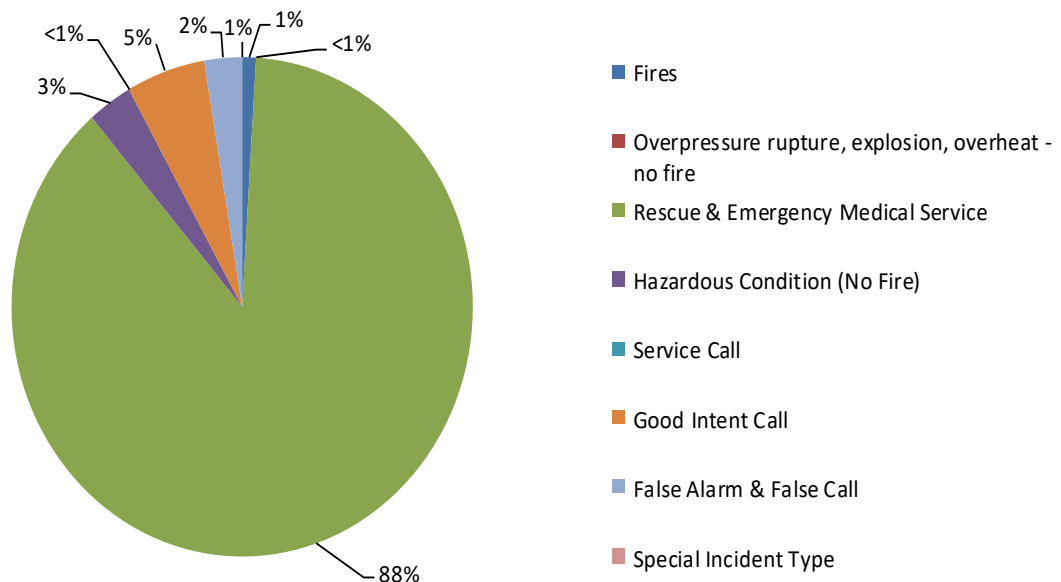


City of Troy Fire Department

2018 Incident Statistics

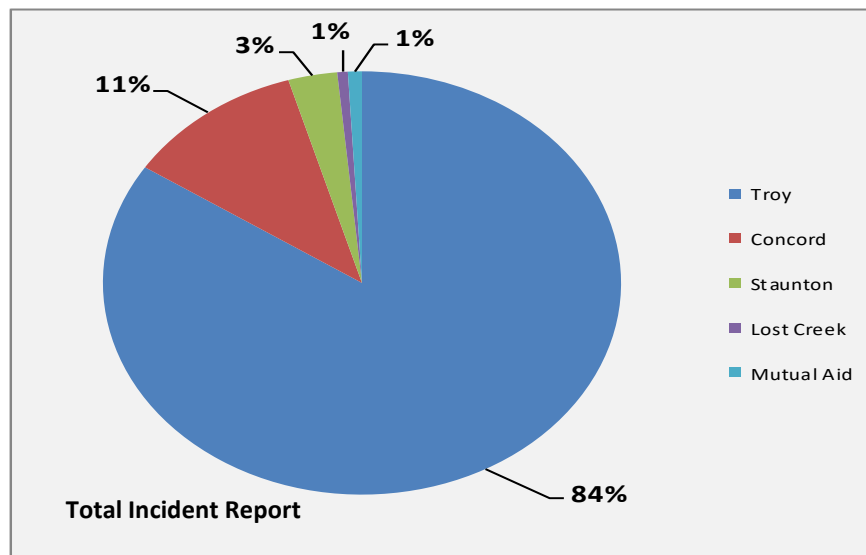
Incidents

Call Type	Total	% of Fire
Fires	67	1%
Overpressure rupture, explosion, overhear - no fire	3	<1%
Rescue & Emergency Medical Service	4550	88%
Hazardous Condition (No Fire)	166	3%
Service Call	39	1%
Good Intent Call	221	5%
False Alarm & False Call	115	2%
Special Incident Type	4	<1%
Total Fire Calls	5165	100%



Incident Statistics

Total Incident Report		
	Total Incidents	% of Total
Troy	4349	84%
Concord	579	11%
Staunton	158	3%
Lost Creek	34	1%
Mutual Aid Given	45	1%
Total	5165	100%



Incidents						
Call Type	Troy	Concord	Staunton	Lost Creek	Mutual Aid	Total
Fires	45	15	4	0	3	67
Overpressure rupture, explosion, overhear - no fire	2	1	0	0	0	3
Rescue & Emergency Medical Service	3869	492	124	32	33	4550
Hazardous Condition (No Fire)	137	18	11	0	0	166
Service Call	28	4	4	0	3	39
Good Intent Call	163	41	9	2	6	221
False Alarm & False	101	8	6	0	0	115
Special Incident Type	4	0	0	0	0	4
	0	0	0	0	0	
TOTAL	4349	579	158	34	45	5165

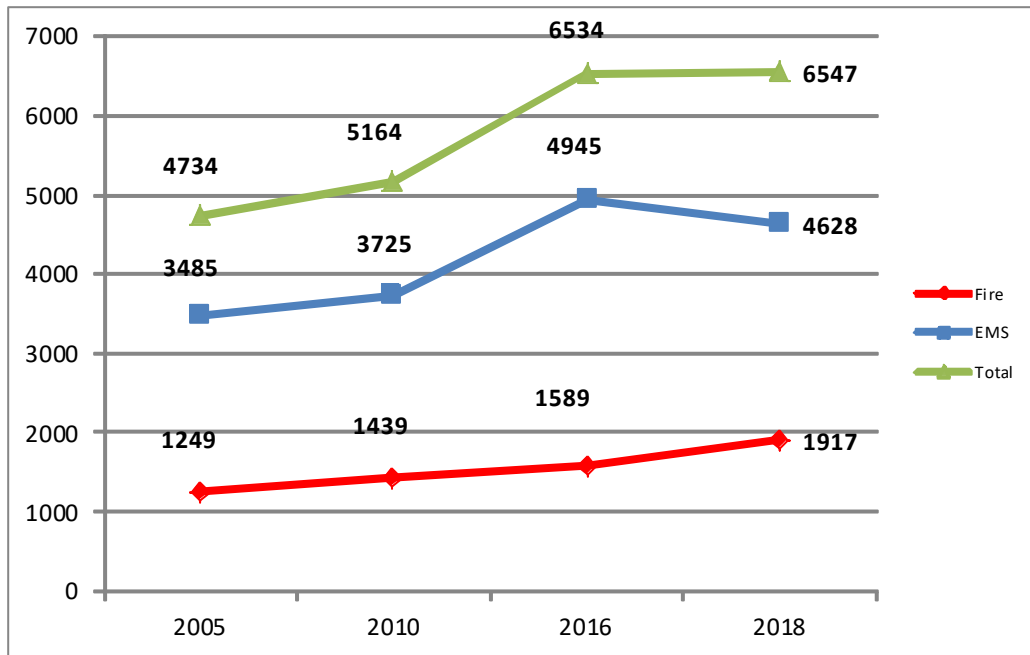
Fire Statistics

Total Response Report

City	EMS Responses	Fire Responses	Total	% of Total
Troy	3937	1562	5499	84%
Concord	495	258	753	12%
Staunton	127	81	208	3%
Lost Creek	32	10	42	1%
Mutual Aid Given	39	6	43	1%
Total	4630	1917	6547	100%

Overview of Fire Department Responses

Year	2005	2010	2018
Fire	1249	1439	1917
EMS	3485	3725	4630
Total	4734	5164	6547



City of Troy Fire Department

2018 Annual Report

SIGNIFICANT FIRE INCIDENTS



2018 Annual Report

Significant Incidents in 2018

INCIDENT #	PRE-INCIDENT VALUE	LOSSES
2018-0030	\$86,500.00	\$5,250.00
2018-0836	\$4,182,200.00	\$2,000,000.00
2018-1832	\$75,000.00	\$5,500.00
2018-3507	\$1,000,000.00	\$25,000.00
2018-3645	\$200,000.00	\$400.00
2018-4113	\$1,050,000.00	\$50,000.00
2018-5038	\$65,800.00	\$27,000.00

January 2, 2018

12:47pm

#2018-0030

933 Lee Road

Loss: \$5,250

Fire Cause: Wood burning stove

Engine 1, Engine 3, and Medic 2 responded to a residence on a report of a fire in the wall. The occupants wood burning stove had caught the materials in the wall on fire. Crews carefully opened the wall and extinguish the fire with minimal water usage. No injuries were reported.

February 27, 2018

18:25pm

#18-0836

15 Kings Chapel Drive North

Loss: \$2,000,000

Fire Cause: Undetermined

Chief 1, Car 2, 3, 4, 5, 6, E 1, E 3, M 2, TW 1, Covington FD and Piqua Ladder responded to a fire alarm in a commercial structure. Upon arrival crews found smoke coming from the rear of the structure. Upon entry, crews encountered heavy smoke and active fire in a paint booth. Multiple lines were deployed to knock down the fire. Miami county fire investigator assisted Troy fire investigators. No injuries were reported.

May 10, 2018

19:22 pm

#18-1832

540 South Union Street

Loss: \$5,500

Fire Cause: Undetermined

C 2, C 3, E 1, E 2, and M 3 responded to a residence on a report of a fire in the wall. Upon arrival crews found light smoke in an exterior wall. Crews opened the wall on the outside and extinguished the fire, then made entry inside to check for fire extension. Shift investigators were utilized for cause determination. No injuries were reported.

2018 Annual Report

Significant Incidents in 2018, Continued

September 4, 2018

13:06 pm

#18-3507

974 South Dorset Road

Loss: \$25,000

Fire Cause: Accidental

C 2, C 3, C 4, C 6, E 1, E 3 and M 2 responded to a commercial structure on a report of a burning smell in an unoccupied space. Prior to arrival crews were notified that a contractor digging outside struck a power line causing an electrical explosion inside where the electrical meters were located. Upon arrival crews found smoke on the exterior and made entry to find a small fire burning in the wall. Dayton Power and Light were called to the scene to remove the electricity before fire extinguishment was accomplished. No injuries were reported.

September 15, 2018

14:12 pm

#18-3645

1927 Westwood Drive

Loss: \$400.00

Fire Cause: Accidental

E 1 and E 3 responded to a residence on a report of a fire in the attic. Upon arrival crews found nothing on the exterior and a slight amount of smoke in a laundry room. The resident had been working on plumbing using a torch which caught the wall board on fire. Crews were able to open the ceiling and extinguish the small fire with minimal damage. No injuries were reported.

October 16, 2018

13:37 pm

#18-4113

2101 Corporate Drive

Loss \$50,000

Fire Cause: Unintentional

C 3, 4, 5, 6, E 1, E 3, and M 2 responded to a commercial industry on a report of a fire in the filter system. Upon arrival crews utilized a pre-established protocol with the manufacturer to remove and extinguish the filters. No injuries were reported.

December 22, 2018

02:42 am

#18-5038

325 Lake Street

Loss \$27,000

Fire Cause: Accidental

C 1, 2, 3, 5, 6, E 1, E 3, M 2 responded to a residential structure for a working fire. Upon arrival, crews found active fire venting from the front of the house with all occupants accounted for. Crews extinguished the fire, and found a pet that was revived by entry team. Family was displaced, and assisted by Red Cross. The fire cause was determined accidental from cooking.

City of Troy Fire Department

2018 Annual Report

Community Outreach Bureau



Community Outreach Programs

Quick Response Team (QRT)

This program was created to be used as a tool for local entities to help provide resources and support to individuals in our community that are battling with heroin addiction and substance abuse. A team comprised of fire, police, and recovery council personnel make site visits on a weekly basis to overdose patients in an effort to offer resources and to use a community wide proactive



The Safety Squad

The Safety Squad is a repurposed medic that is being used as an education tool for our local youth and also as a community outreach vehicle for the citizens of Troy. The exterior message contains fire safety tips and ideas. The Safety Squad hauls our inflatable safety house to events and is also used for the installation of carbon monoxide detectors. The Safety Squad program



2018 Annual Report

Community Outreach

Fire emergencies take many lives throughout the United States every year. Unfortunately, our community has experienced this first hand. The Troy Fire Department has put into place a comprehensive fire prevention program that consists of the four basic activities of the Troy Fire Department: public education, fire and building code enforcement, a rapid response to emergencies, and a thorough investigation of all fire causes.

Community Outreach is the division of the TFD that manages public relations, education, building code enforcement, fire and arson investigations. The FPB also respond to emergencies as needed. Assistant Chief Gary Stanley oversees and supervises the Fire Prevention Bureau which consists of two fully certified personnel, Daniel Stine and Greg Dilts.

We pride ourselves with the relationships and partnerships we have established to provide the most professional services for our community. We have heavy community involvement and have committed to collaborate with many organizations to provide the best prevention program possible. We have developed and maintained many programs, which include Carbon Monoxide/Smoke Detector Program, Operation SafeGuard, Lunch Buddies and Mentor Programs with Troy City Schools, Child Safety Seat Checks, Local Special Events, and many others.



Fire Prevention Education



Annual 3rd Grade Education Program

Each year we host all third grade students from all schools in our area for our annual fire prevention education program at Fire Station 1. It is an interactive program where students rotate through learning centers for a memorable effective learning experience.

Station Tours

Throughout the year, we host several hundred students, day-cares, programs and community organizations at all of our fire stations. This is an opportunity for citizens and students to learn about fire safety and see their firemen, stations and apparatus.



Age-Appropriate Presentations Throughout the Year

Our community outreach does a great job at educating our public in fire prevention and safety education.

Inflatable Fire Safety House

Interactive Educational Tool

In 2013, we were given the opportunity to purchase an inflatable fire safety house. This interactive educational tool has proven to be very effective in educating the students within our community. This state of the art tool has allowed us to enhance our educational program in many ways, as well as take it to an increased number of community events.



ADA Compliant

The inflatable fire safety house is not only a better educational tool, it also is ADA compliant and has opened up opportunities to a larger, more diverse population.

Fun Teaching Tool

As we use repetition within our teaching, this tool also allows for a fun, more memorable experience for the children within our community.



Carbon Monoxide / Smoke Detector Program

The Troy Fire Department began a new program in 2016 providing and installing Smoke/Carbon Monoxide combination detectors in residents' homes in need. The program was introduced as a result of a tragic CO incident in Troy, early in the year, in which three young lives were lost in a home with a faulty flue and no CO detector present in the home.

Carbon Monoxide is known as “the silent killer” because it is odorless and tasteless and can kill you without warning. The CO gas cannot be detected without a carbon monoxide detector/alarm. The detector program is available to all homeowners in Troy, through the request of the resident. The detectors are installed in a resident's home in a location most suitable for detection. The Troy Carbon Monoxide Detector Fund is funded through generous community donations through a collaborative effort between the City of Troy and the Troy Foundation. The detectors are a combination of both CO and photoelectric smoke and are powered by a 10-year lithium battery.

This program was created to make our community more aware of the importance of having carbon monoxide and smoke alarms in all homes. If one life is saved, then the program has done its job. We will continue to install, educate and provide the life-saving measures necessary to achieve this goal. . Information is provided below for individuals, corporations and organizations wishing to make a contribution either in person, by mail or online.:

“Troy Carbon Monoxide Detector and Fire Prevention Fund “

c/o The Troy Foundation

216 W. Franklin Street

Troy, Ohio 45373

<https://thetroyfoundation.org/donate>



2018 Annual Report

2018 Community Outreach Bureau Statistics

General Inspections:	820
Re-Inspections:	132
Plan Reviews:	35
Fire Prevention Permits:	54
Fire Investigations:	7
Fire Responses:	40
Ambulance Responses:	61
Public Education Events:	170
Attendance at Public Education Events	9978

City of Troy Fire Department

Training Division

2018 Training Division Report



Training Requirements

Troy Fire Department Training Division

The City of Troy desires to have one of the most enhanced, innovative and professional fire department training programs in the region. We do not want to simply meet the minimum requirements and standards. Along with our mission statement, we want to “exceed the expectations of our community” in our training, preparation and readiness to respond to any emergency our community may encounter.

With this goal, the Troy Fire Department is unique that each of our personnel are certified as Paramedics, Firefighter II, and Fire Safety Inspectors. We also have many instructors, fire investigators, specialty teams and advanced certifications. We not only meet state and local continued education requirements, but we also provide additional training to assure mission readiness for all members.

January 1, 2018 was the inception of the TFD Training Division, as well as, the Training Lieutenant position attained by Lieutenant Aaron Simmons. This division was created to organize, lead, and coordinate the training program for the Troy Fire Department. The TFD Training Division has accomplished much this first year and is not only on its way to becoming one of the finest fire department training programs, but also continues to work hard towards preparing our Fire Department and its personnel.

City of Troy Fire Department

Training Requirements

State Requirements

Ohio EMS is a division of the Ohio Department of Public Safety. Ohio EMS governs the requirements and certifications for emergency workers. In order to maintain our certifications as Firefighter Level 2, Paramedic and Fire Safety Inspector, Ohio EMS requires the following CEU's every three years:



Firefighter 2 - 54 Hours

Paramedic - 86 Hours

Fire Safety Inspector - 30 Hours



We also meet the requirements for the Greater Miami Valley EMS Council (GMVEMSC) and test each year to operate within their regional protocols.

Insurance Services Office, Inc.



ISO rates communities and provides information regarding property and casualty insurance. Proudly, last year, TFD earned a rating of 3 as compared to it's previous rating of 4. Although, it is very difficult, our goal is a 2 rating. In order to achieve this, we are working toward exceeding their training criteria.

NFPA 1001



NFPA (National Fire Protection Agency) provides guides and standards for the fire industry. One of these includes NFPA 1001, which is the standard that lays out qualifications and training requirements for professional firefighters. This is also the standard

ISO utilizes in its criteria for rating a training program. We are now following NFPA 1001 standard and its job performance requirements (JPRs) for firefighters.

City of Troy Fire Department

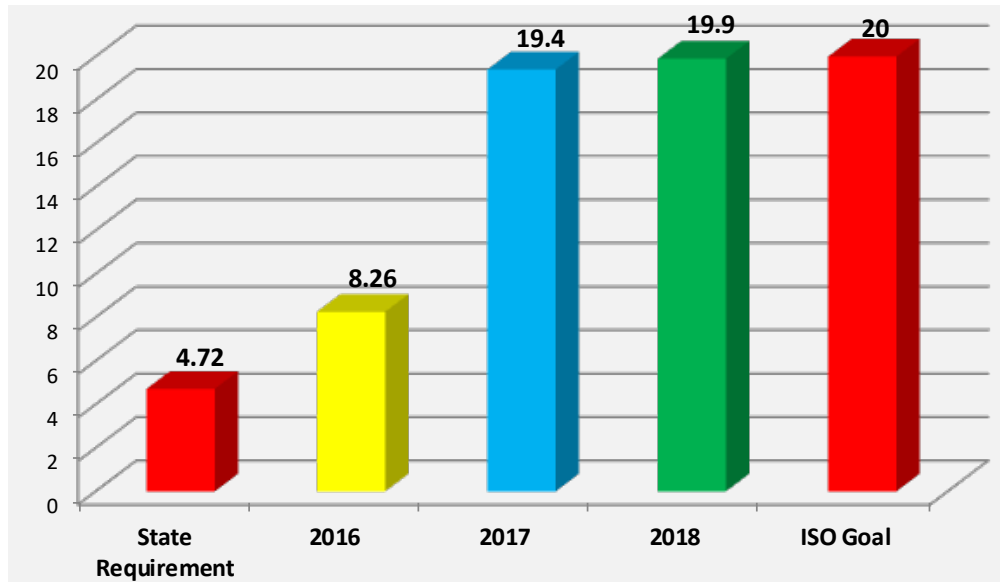
Training Division

2018 Statistics

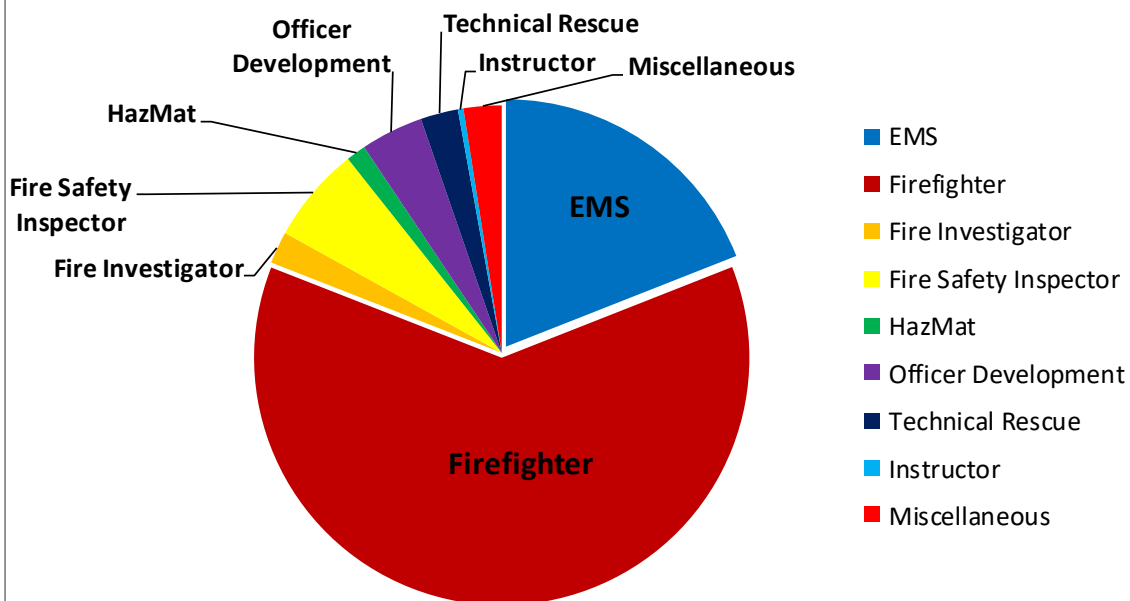


2018 Training Statistics

TFD Average Monthly Training Hours



2018 Training Hours by Category



City of Troy Fire Department

Training Division

2018

Training Highlights



2018 Training Highlights

Bail Outs



Ice Rescue



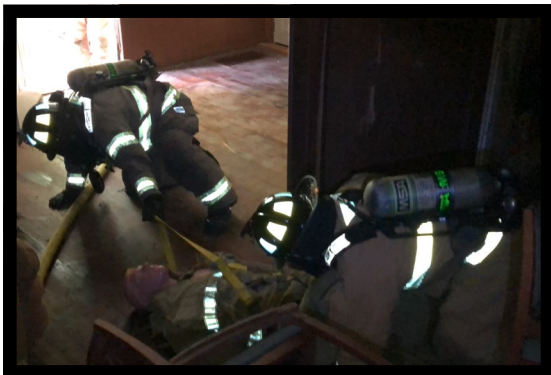
Save Your Own



Bus Extrication



Search & Rescue Training



Utilities



Rescue Task Force



Communication



City of Troy Fire Department

2018 Annual Report

TROY FIRE DEPT. PAST, PRESENT & FUTURE



2018 Annual Report

HISTORY

Troy Fire Department

In 1839, R.C. Langdon, the new editor of the Troy Times, called for a public meeting to raise money to buy a fire engine and equip a fire department because of disastrous fires that had occurred in Troy. He estimated that the cost would be two dollars for each citizen and would perhaps save thousands of dollars of property. In 1847, a meeting was called to form a hook and ladder company. Not until 1850, however, were the Troy Hook & Ladder Company and the Troy Bucket Company organized. Henry S. Mayo was captain of the Troy Hook & Ladder Company, and Henry S. Culbertson was captain of the Troy Bucket Company. After discussing the pros and cons of purchasing a fire engine for several years, an ordinance was presented in a meeting of the council in 1857 to purchase one. A Mohawk hand-pump engine was purchased from the Cincinnati Fire Department and installed on the ground floor of the Town Hall.

The Fire Department of Troy was formally organized in the fall of 1857. The company consisted of about 75 members, 50 of which belonged to the Mohawk Company and the remainder to the hose carriage. Jack Julian was the first foreman of the department. The Troy Fire Department crew pictured below served our city in 1896.



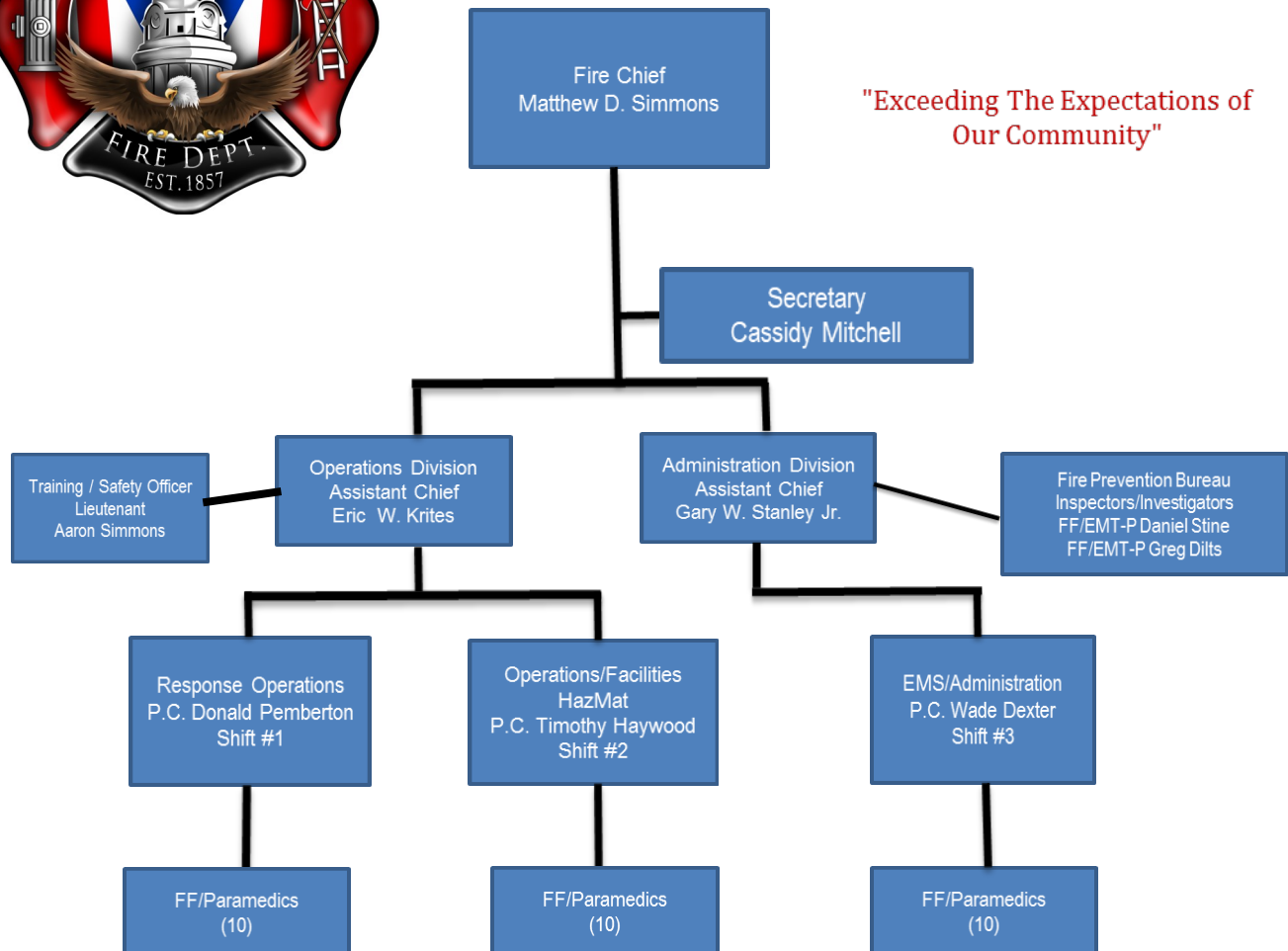


Organizational Chart



Troy Fire Department Organizational Chart

"Exceeding The Expectations of
Our Community"

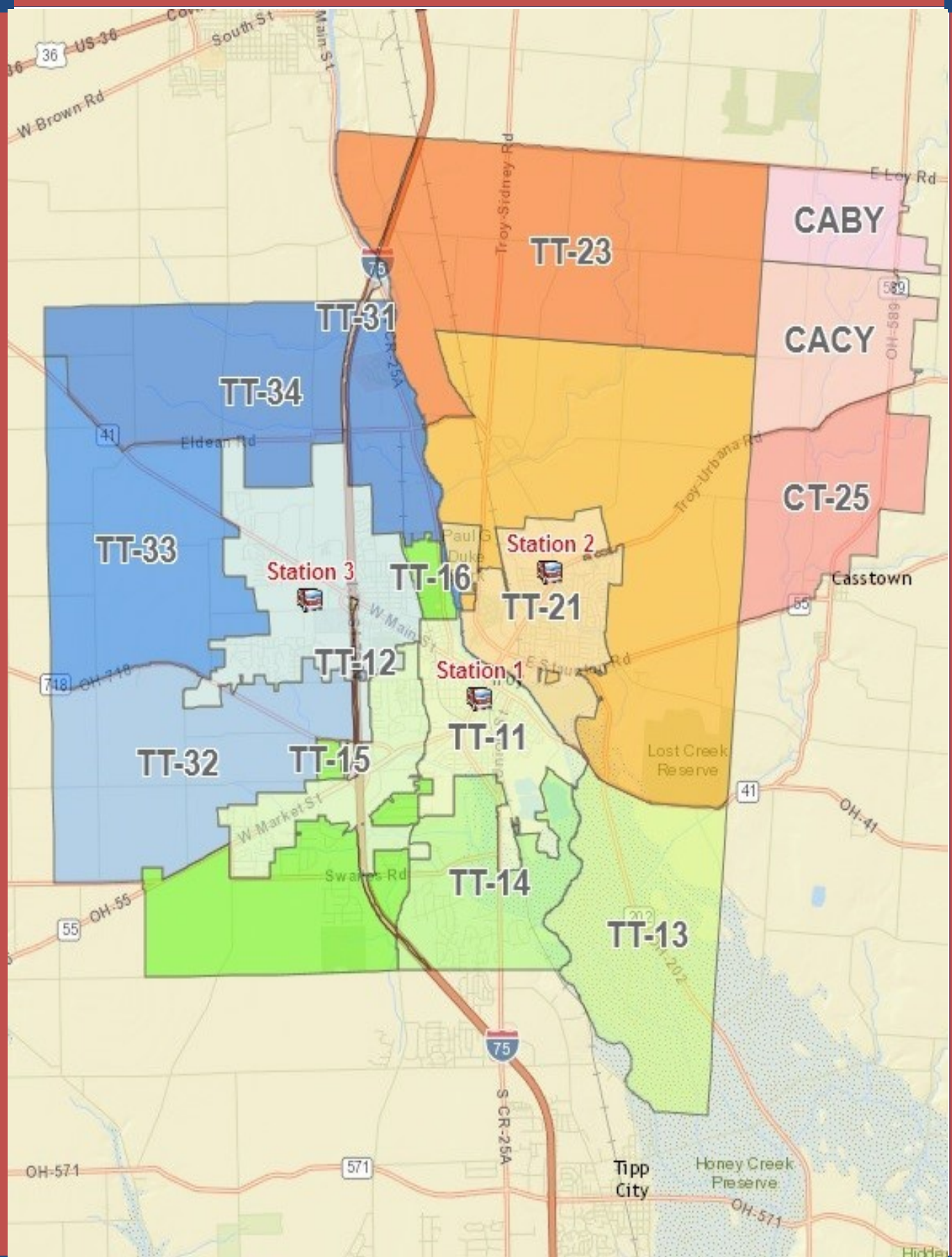


City of Troy Fire Department

2018 Annual Report

DISTRICT MAP





City of Troy Fire Department

2018 Annual Report

STATIONS & APPARATUS



Fire Department Facilities



Station 1

19 East Race Street

Fire Station 1 was opened in 1966 and serves the central downtown district with our rescue engine, 100' tower truck and medic. This station is an all electric station built when the city had owned its own electric generating station. This station is staffed with our shift officer.

Administrative Headquarters

Station 2

1528 North Market Street

Fire Station 2 is our newest station opened in 2007 and serves our northern districts with an engine and medic unit. It houses our administrative staff and a three-story training facility in its central core.



Fire Prevention office

Fire Station 3

40 South Stanfield Rd

Fire Station 3 opened in 1994 and serves our western districts with an engine and medic unit. This station is also home to our Fire Prevention Office.

Fire Department Equipment

Rescue Engine 1

2016 Ferrara MVP Rescue/Engine. This new rescue engine is a first for Miami County; with multiple capabilities beyond firefighting. This multi purpose vehicle carries equipment for many different emergencies and is powered by a 450 horsepower Cummings Engine and Allison Transmission. Rescue 1 is equipped with a Hale 2000 GPM pump and Foam Pro foam system for more adaptability with fire extinguishment. Rescue 1 has the latest in LED technology to include an 80,000 watt light tower, and numerous safety features built into the construction for enhanced firefighter safety.



Rescue Technicians

Rescue Engine 1 also contains the necessary equipment for the six disciplines of rescue. These disciplines of Technical Rescue include Confined Space, Swift Water, High Angle Rope, Structural Collapse, Trench, and Vehicle/Machinery. We are proud, that in 2016, we initiated advanced training to form a specialized technical rescue team.



Engine 2

1995 Smeal Pumper is powered by a Detroit diesel engine and an Allison Transmission. This engine holds 500 gallons of water and 20 gallons of firefighting Class A foam. The engine has a 1500 GPM pump and carries a variety of firefighting equipment necessary for fighting fires in the city and adjoining township areas.



Fire Department Equipment



Engine 3

Engine 3 is 1997 Smeal Pumper engine that is powered by a Detroit Diesel engine and an Allison Transmission. This truck holds 500 gallons of water. The engine has a 1500 GPM pump and carries a variety of firefighting equipment necessary for fighting fires in the city and adjoining township areas we currently serve.

Tower 1

Tower 1 is a 1994 Pierce Arrow Platform ladder Truck. The truck is powered by a powerful Detroit Diesel engine and Allison Transmission. This truck has 200 gallons of water and a 1500 GPM pump for fighting fires. The 100' platform has two 1000GPM nozzles for large fires, many ground ladders and some specialty equipment for emergencies.



Fire Department Equipment



Tanker 1

This 2013 Pierce Saber Tanker is designed for rural and city firefighting. It is powered by a Cummings Diesel engine and an Allison Transmission. The truck holds 1800 gallons of water and carries additional equipment for rural firefighting operations such as a portable water tank and open tank dumping from the back of the truck. This truck incorporates the latest in safety features with newer chassis features.

Grass 1

Grass 1 is a 2004 Ford F350 with a fire-fighting skid unit on the back. This truck is powered by a Ford V-10 Gasoline Engine. It carries 175 gallons of water and 8 gallons of foam for wildfire fire-fighting. The truck is equipped with front spray bars for hands free operations in fields.



Fire Department Equipment

Medic 1

Medic 1 was put into service in 2018. Medic 1 is our first refurbished ambulance. This vehicle has a repurposed and refurbished patient care area on a brand new 2018 Ford F-450 Chassis with 4X4 capabilities. This vehicle is equipped with the latest technology for patient care and safe transport to medical facilities.



Medic 2

Medic 2 is a 2007 International Medium Duty Chassis ambulance from Horton. This vehicle is equipped to handle all Advanced Life Support functions as well as other emergencies. The ambulance carries numerous emergency medical equipment such as heart monitor, airway accessories, medications and specialty items needed to stabilize a patient.



Fire Department Equipment

Medic 3

Medic 3 is a 2013 International Terrastar Chassis ambulance from Horton. This vehicle is equipped to handle all Advanced Life Support functions as well as other emergencies. The ambulance carries numerous emergency medical equipment such as heart monitor, airway accessories, medications and specialty items needed to stabilize a patient.



Medic 4

Medic 4 is a 2005 International Medium Duty Chassis ambulance from Horton. This vehicle is equipped to handle all Advanced Life Support functions as well as other emergencies. Medic 4 carries numerous emergency medical equipment such as heart monitor, airway accessories,



Fire Department Equipment

Command Staff Cars

2014 Dodge Durangos are used for our Command Staff Cars. These all wheel drive vehicles are equipped with radios in front and at the rear of the car for emergency scene management.



Utility Vehicle

Truck 8 is a 2016 Dodge 2500 heavy duty pick up truck with 4 wheel drive. This vehicle is used to assist our department during emergencies by carrying additional personnel or equipment to scenes. This vehicle has towing capabilities for moving our trailers and boats when needed.



City of Troy Fire Department

Future Vision & Goals of the Troy Fire Dept.



TROY
OHIO

Goals/Vision for the Future

- Ensure our personnel are highly trained and equipped to provide the best quality emergency services for our community.
- Educate our community on prevention methods as we learn from emergencies.
- Find ways to maximize the value of our resources and infrastructure .
- Be innovative and become trend setters in the fire and EMS service.
- **“Exceed the Expectations of Our Citizens and Community”**



In Memoriam

Jason Scot Holfinger

1980—2018

