



ANNUAL REPORT 2019



Foxborough Fire & Rescue

Tel: 508-543-1230

8 Chestnut St, Foxborough MA

www.foxboroughfire.com



CHIEF'S MESSAGE

Expressions of gratitude,

2019 was a year of change and new beginnings at the Foxborough Fire Department. Several opportunities presented by the selectmen, town manager and community are worthy of expressions of gratitude by me, and all the members of the Foxborough Fire Department.

After serving with Foxborough Fire for over 20 years in a variety of roles, I was offered the opportunity to serve as your Fire Chief in January, 2019. I am grateful to the selectmen, town manager, and the community for placing their trust in my hands. I am committed to preserving and building on the special relationship the Foxborough Fire Department holds with our citizens. In 2019 we began the long process of rededicating ourselves to ensuring the public safety services we provide are delivered with excellence in meaningful and measurable ways. With national standards as our guide, the Foxborough Fire Department will continue to deliver great service while looking for every opportunity to improve. I would like to offer an expression of gratitude to our firefighters and civilian staff. Thank you for allowing me to guide the organization through this period of significant change. We know change is never easy, but it represents organizational growth and we agree on the destination: becoming a fire service that empowers and engages our team in the mold of a High Reliability Organization. In this annual report, we have only begun to scratch the surface of the work done by the firefighters, but calculating the value you have returned in the form of lives affected is nearly impossible.

Your fire department is working towards, achieving, and maintaining accreditation. As we work through redevelopment that touches all members of the organization, rest assured the Foxborough Fire Department will continue to deliver on the trust you place in us. Once complete, this project will guide the department through the next steps of our growth: a community risk assessment, a standard of cover, and ultimately a strategic plan that ensures we will adapt and grow to meet the public safety needs of our community as it evolves.

As you browse this annual report, please recognize that you, the citizen plays an essential role in delivering the lifesaving services we provide. On behalf of the entire department, thank you.

My entire team and I are grateful to serve.



SIGNIFICANT MILESTONES

JAN: Chief Roger Hatfield retires after 40 years in the Fire Service and Michael Kelleher named new Fire Chief



MAR: Fire in an outside wall on Union Street was quickly extinguished by crews. On arrival light to moderate smoke was observed coming from under the shingles at the rear of the structure. Crews deployed a 1-3/4" attack line and began to open up the exterior wall. The fire was extinguished and the window at the rear of the building was removed and all visible charring was wet down.



Jan

Feb

Mar

Apr

May

Jun

Jan: Capt. Andrew Puntini graduated from the Massachusetts Firefighting Academy's Chief Fire Officer Management Training Program. This 14-week program is delivered jointly by the Edward J. Collins, Jr. Center for Public Management at UMASS and the Mass. Firefighting Academy. Andrew is 1 of only 4 current members with this designation.

Apr: Fire alarm received a call for a shed fire on Lakeview Ave, the shed was within 10' of house. Upon our arrival the shed had fire and smoke showing from it, Co's stretched hand line and also secured a hydrant line. Engine 24 knock down fire and Ladder 26 and Rescue 27 overhauled.

Jun: Back-to-Back concerts brought about multiple calls for service. MVA on Route 1 resulted in a MedFlight call with 1 critical injured patient flown to a Boston Hospital. Separate call, 3 pedestrians struck while walking on Route 1 with traumatic injuries. A first for us; 50 nitrous oxide tanks had to be collected and moved to a safe space to be off-gassed.

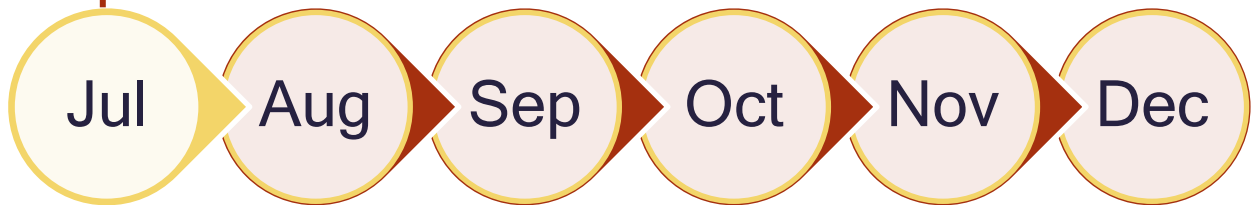




Jul: Southeastern Massachusetts Regional Emergency Communications Center (SEMRECC) takes over the dispatch duties for both Police and Fire for the Towns of Foxborough & Mansfield. Norton and Easton will be added at a later date. SEMRECC receives both wireline and wireless (land line and cell phone) 911 calls, as well as handling all response asset tracking, deployment and allocation for Police, Fire and EMS Services.



Jul: Foxborough communications received a 911 call for a reported building fire at on Willis Lane. While enroute the Police reported a building fully involved and unknown if anyone is inside the house. Engine 24 had fire visible from the top of Willis Rd and laid in a 4" LDH supply line into the scene. Crews advanced 2-2.5" hand lines, one with the blitz gun to the A side and the other to the C side.



Jul: Many changes took place this month with the promotion of David Laracy to Deputy Chief of Fire Prevention and the hiring of Thomas Kenvin as the new Deputy Chief of EMS. Tom will be taking over the role of Public Health Nurse for the Community.



Aug: The new 2019 Pierce Enforcer 107' Aerial Quint was delivered. This truck replaced the 1994 E-One Ladder. This was purchased thru a Federal Grant that provided \$850,000 off of the final price of \$1,060,000.



Sept: Engine 24 and Ladder 26 responded mutual aid to Mansfield on Pratt Street for a working fire from an explosion. Crews utilized Ladder 26 to vent the roof and engage in roof operations. Foxborough companies worked in chasing pockets of fire after main body of fire was knocked down. One person inside the building during the explosion later succumbed to their injuries.



PUBLIC EDUCATION & COMMUNITY ENGAGEMENT

Foxborough Fire acquired a Fire Extinguisher Training System. This new technology allows us to offer fire extinguisher training without all of the mess of traditional props. LED-driven digital flames and a laser training extinguisher provide a dynamic and realistic simulation for trainees while eliminating the hazards associated with conventional fire extinguisher training and making it easy to perform multiple trainings.



The MOMS Club of Foxboro visited the station and supplied an amazing dinner to our members. Firefighters utilized the time and audience to show the children and adults around the fire station.



Foxborough Fire had the pleasure of hosting a training session at the station for Guiding Eyes for the Blind. This allowed the animals to interact with fire and EMS personnel



PUBLIC EDUCATION & COMMUNITY ENGAGEMENT

Special thanks to Foxborough Council On Aging & Human Services for having members of the Foxborough Fire Department and our friends at Southeastern Massachusetts Regional Emergency Communications Center in to talk about important safety tips regarding smoke and carbon monoxide detectors as well as, when in doubt to dial 911. Some of the members manned a grill and cooked up some burgers and hot dogs. The department's new Ladder 26 was on display and was the center of attention!



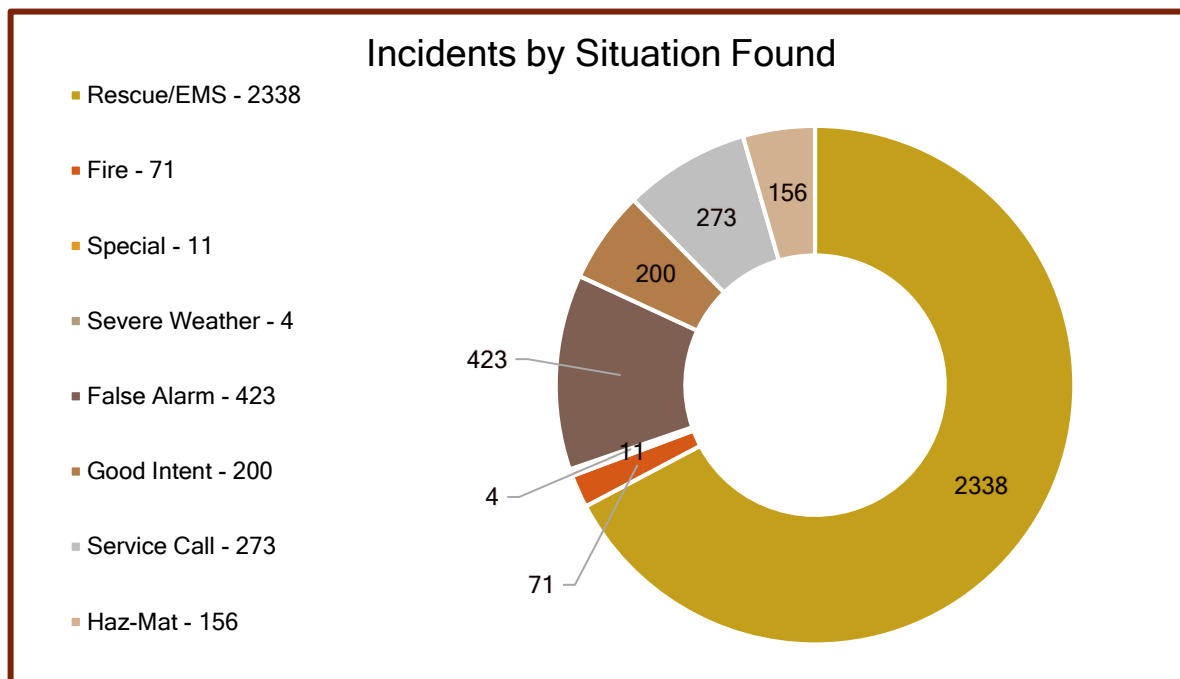
Foxborough Firefighters assisted a motorist and her 4 grandchildren after their car suffered a flat tire in front of the fire station. Because of the rain the vehicle was brought inside while the tire was changed.



CALL TYPES AND VOLUMES

"If everyone is moving forward together, then success takes care of itself." - Henry Ford

- Incident by Situation Found



EMERGENCY MEDICAL SERVICES

EMS Deputy Thomas Kenvin, EMT-P, RN

As of July 1, the Foxborough Fire Department assumed the duties and responsibilities of the public health nurse in accordance with the position guidelines issued by the Massachusetts Dept. of Public Health. In conjunction with those duties, the position also oversees the emergency medical services (EMS) management and oversight for the fire department including administration, training, certification, health and safety; and acting as the infection control officer. Responsibilities also include liaising and conducting medical training with our colleagues within the community such as with religious groups, School Dept., Brigham Health, area EMS coordinators/Chiefs, and attending the state medical services meetings.

The position affords many opportunities for collaboration and involvement with our community partners.

Overseeing the public health nursing, we are charged with the monitoring and patient/case follow up via the



Massachusetts Virtual Epidemiologic Network (MAVEN) daily. This is the process of monitoring reportable and communicable diseases (including tuberculosis) and performing follow up assessments and questionnaires to be used by the state epidemiologists to determine public health risks. Recently we were invited by the director of the MA DPH TB Program to attend epidemiology rounds in Jamaica Plain to review a case that we were involved with, and were invited to attend future meetings.

We are a member of the Massachusetts Public Health Nurses Association and have been actively engaging in a variety of meetings and seminars advocating public health, and will be hosting the April 2020 meeting.

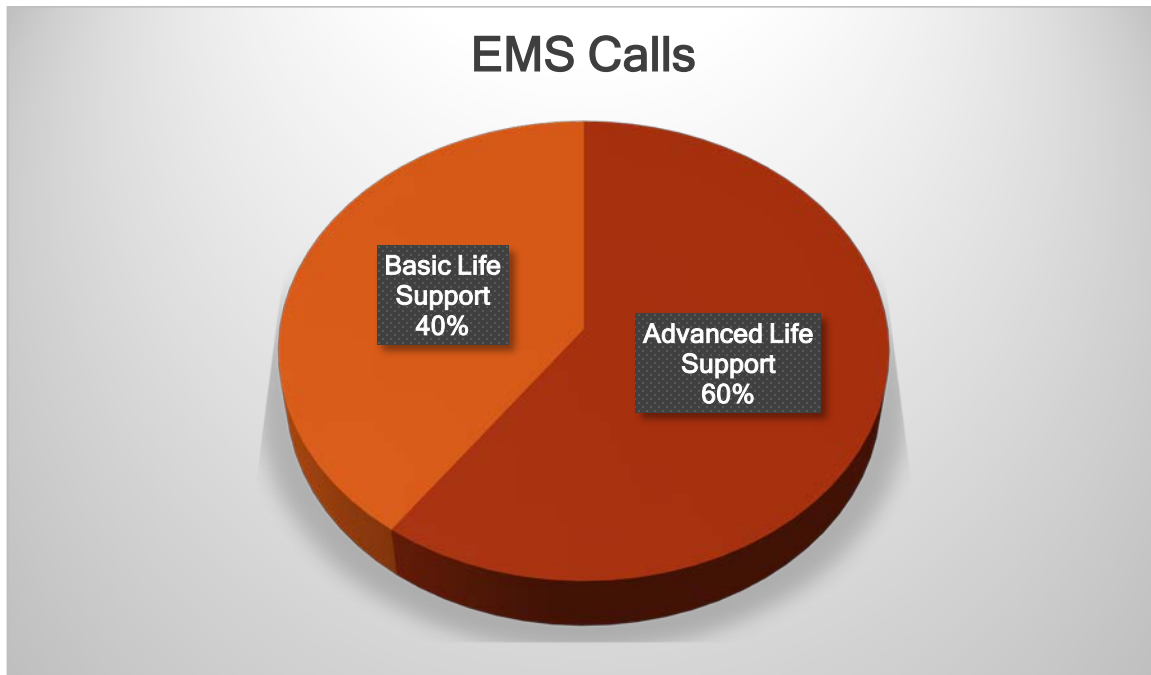
Working closely with Foxborough Human Services and Council on Aging, we perform health screening clinics (Blood Pressure) for residents that wish to participate. Above just taking "blood pressure" we perform a triage of sorts asking about health status, medications (dosages, changes etc.), pulse oximetry, lung sounds, temperature, blood glucose, cholesterol checks (able to assess HDL, LDL, triglycerides). We began with two clinics a month at the Senior Center, and based on interest, will be arranging clinics at Carl Annon Ct. and Centennial for residents who may not be able to access the senior center. This is very much in-line with our community approach to proactively engage our residents before they need us emergently. Working with Pam McGuire and Christina Larose, we have performed and assisted with home visits and inspections based on a variety of requests and/or triggers from our EMS personnel after emergently responding to an address. We have also participated in the Low Vision and Nutrition Groups to listen to concerns and answer questions providing evidence-based information when appropriate.



As a result of the town contracting for nursing services, a void existed with respect to some facets of our public health administration. Subsequently, we have completed the application with the Massachusetts Immunization Information System (MIIS) to order, store, exchange, and regulate vaccines. This will give us the opportunity to manage our own vaccine program and, in some situations, obtain reimbursement for administration.

Additionally, we have obtained a clinical laboratory improvement amendment (CLIA) waiver allowing us to use point of care "simple laboratory examinations and procedures that have an insignificant risk of an erroneous result."

- EMS Call Volume



EMS CALL VOLUME

ADVANCED LIFE SUPPORT = 1222

BASIC LIFE SUPPORT = 840

PATIENT REFUSAL OF CARE = 86

TOTAL = 2062

Source: ESO Data Extract 2019



TRAINING



**TRAIN AS IF YOUR LIFE
DEPENDS ON IT.
BECAUSE IT DOES**

Training is aligned with requirements as set forth by ISO and NFPA for on-duty training.

Topics Include:

- Fire Dynamics
- Firefighter Safety
- Aerial and Ground Ladder Operations
- Search and Rescue
- Vehicle Extrication and Stabilization
- Ice Rescue
- Communications
- Hazardous Materials
- Driver Training
- Pump Operations
- Officer Development

Other Training Accomplishments

- FF Gus Greaves completed the Massachusetts Firefighting Academy 10 Week Recruit Training School. During this training, FF Greaves learned the basic skills required of a firefighter and obtained certification as Firefighter I/II and HAZ-MAT Operations Level Certifications.
- In April, 18 department members participated in live fire training with the Norfolk Fire Department during an acquired structure live burn. Here crews honed skills on fire attack, search and rescue, and ventilation techniques under real world conditions that would be otherwise impossible to simulate without an opportunity like this.
- Capt. Andrew Puntini graduated from the Massachusetts Firefighting Academy's Chief Fire Officer Management Training Program. This 14-week program is delivered jointly by the Edward J. Collins, Jr. Center for Public Management at UMASS and the Mass. Firefighting Academy. Andrew is 1 of only 4 current members with this designation.
- Factory Representatives from Wisconsin visited Foxborough for Aerial Ladder Training for all members of the department for 4 days of rigorous in-house training. Each member completed over 20 hours of training on this new truck.

SAFETY/TRAINING



CRITICAL INCIDENT STRESS MANAGEMENT/PEER COUNSELING

Seeing the need for self-care and mental health awareness in the fire service, FF Belham had enrolled and completed a multitude of classes to better the departments mental health needs. He is trained in Individual and Group Crisis Intervention to provide department members with Critical Incident Stress Management and will activate resources to assist members after any critical call the department responds to as well as any personal problems in their lives. Firefighter Belham is also trained in assisting members to adjust from military life to civilian life as well as suicide intervention and awareness in first responders, that it is an epidemic and is very much a problem in the fire service and he has also been educated and certified through IAFF PEER SUPPORT TEAM. FF Belham looks forward to furthering his knowledge in this subject and being of service to not only the members of the department but to first responders across the area and state by joining the PFFM members assistance team.



NEW FIREFIGHTING FOAM

Aqueous Film Forming Foam (AFFF) is a firefighting suppressant which is used by firefighters in fighting petroleum-based fires and it contains hazard chemicals in its makeup. In 2019 we have switched our entire inventory to Novacool Foam which contains rapidly biodegradable substances, which dramatically enhances the effectiveness of simple water. Picture to the left is the Foxborough and Mansfield Fire Departments as they learn about this exciting new product and how to successfully use it during an incident.



TRAINING

Captain Andrew Puntini, EMT-P

The Foxborough Fire Department Training Division is proud to present to the Town the 2019 Training Report. The previous year proved to be busy for the department in all aspects of training.

Department training is aligned in accordance to the Insurance Services Office (ISO) which sets benchmarks for communities to make in fire protection. With these benchmarks in mind the department logged 7,791 hours of training both in house and at the Massachusetts Firefighting Academy.



Most of this training was able to be conducted in-service, where the on-duty shift participated in drills in-between emergency calls. This type of instruction allows for one on one opportunities between the company officers and their shifts.

Opportunities such as acquired structures in town and with our mutual aid partners provide training environments that are otherwise not available in traditional settings. Several of these opportunities were taken advantage of throughout the course of 2019.

In the previous year 1 of Foxborough's new firefighters successfully graduated the Massachusetts Firefighting Academy's 10-week Recruit Training School. Recruit School gives new firefighters a base skillset that they will continue to build on throughout their careers. The organization will be sending another new member to recruit school in June of this year. In the mean time they will complete a comprehensive in-house training program.

In July of 2019 the department hosted Pierce Manufacturing for an in-depth training program for the department new aerial ladder. This apparatus has several more systems than any of our previous trucks which consisted of 8 hours of factory training, and an additional 8-10 hours of in-house department training per member. On top of this training opportunity each firefighter completed a full NFPA Driver Training Program on the department's entire fleet using classroom and practical evolutions.



The professional and diverse level of skills possessed by the members of the department make Foxborough Fire & Rescue an elite organization in the emergency services. Through in-service training and its external partnerships at the state and local levels Foxborough Fire & Rescue will continue to lead the way in the skills and disciplines held by its members.

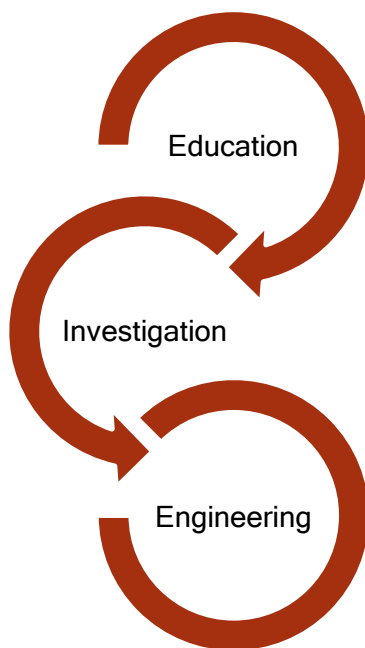
ORGANIZATIONAL CHART



FIRE PREVENTION

Deputy David Laracy

“Through education, investigation, engineering and enforcement the Foxborough Fire Department Fire Prevention Section is committed to protecting the members of the Foxborough Fire Department and the citizens and guests of the Town of Foxborough from the hazards of fire.”



Inspections 2019

21E	6
New Construction Final	58
26F	279
General Business/Restaurant Inspection	62
Camp Inspection	2
Fire Drill	32
EMS Standby	26
Fire Alarm Acceptance	21
Food Truck Inspection	7
Group Home Inspection	8
Hood Installation/Modification	5
Healthcare Inspection	9
Hotel/Motel Inspection	15
Oil Burner Install	11
Oil Tank Install	16
Oil Tank Removal	6
Fire Alarm Plan Review	8
General Plan Review Tier I	16
Propane Storage	51
Pyro Inspection	21
School Inspection	9
Site Plan Review	1
Site Visit	55
Sprinkler Plan Review	4
Sprinkler Acceptance	6
Senior Safety Initiative	71



FIRE PREVENTION

Deputy David Laracy

2019 proved to be a busy and interesting year for the Fire Prevention Division. I was promoted to Deputy Chief of Fire Prevention in July and I was able to dive into the role with both feet due to my previous experience as a shift commander and the support of fire administration.

The Fire Prevention division oversees plan review, code enforcement, public education, fire investigation, community risk reduction and pyrotechnic/special effects management. We have had several unique construction projects this past year that challenged both the technical, as well as the practical sense of fire protection. Some of these projects include XtremeCraze, an indoor air park, Helix eSports, a premier e-sports and gaming center and Freedom Wind Tunnel, an indoor sky diving facility. Foxborough Fire prides itself on its common-sense approach while utilizing engineering and technical education to protect the citizens and visitors of Foxborough.



In July of 2019, the Foxborough Fire Department sponsored a cookout at the Foxborough Senior Center and was excited to announce a new program offered to Foxborough seniors. The program known as the Senior Safe Initiative provides any Foxborough resident over the age of 65, living in a



owner-occupied, one- or two-family home to receive a FREE home safety inspection. We would like to thank the Senior Center staff for helping roll out the program. If you are interested in a home inspection at no cost to you, please call program director Kathleen DiNatale @ 543-1230.

The Fire Prevention division is also responsible for the permitting and inspection of all fuel storage tanks. The goals of these inspections are to verify that the tanks are properly installed and that no hazards exist. A tank that fails can pose a significant environmental hazard resulting in a significant cost to the homeowner or business. We have been working collectively with the board of health to develop new regulations that will govern tank requirements that will help relieve the owner of such potential hazards.

Thank-you to fire administration and the members of Foxborough Fire for their continued support of all that is accomplished in the Fire Prevention Division

Deputy Chief David Laracy

*43 LICENSED EVENTS AT
GILLETTE STADIUM
IN 2019*



Gillette
STADIUM™



NEW APPARATUS



LADDER 26

In-Service	August 5, 2019
Model	Pierce Enforcer Quint
Replaced	1994 E-One Aerial
Cost	\$1,060,000
	\$850,000 (Federal Grant)
Vendor	Pierce Manufacturing Inc.
Height	107' Height
Pump	500 Gallons Water / 1500 gpm
Expected Life	15 years

NEW APPARATUS



RESCUE 27

In-Service	March 20, 2019
Model	Ford F-550 - Lifeline
Replaced	2010 International Horton
Cost	\$348,000
Vendor	Specialty Vehicles
Expected Life	8 years

STAFF CHANGES

PROMOTIONS

- Fire Chief Michael Kelleher
- Assistant Chief Thomas Buckley
- Deputy Chief David Laracy
- Captain Andrew Puntini
- Lieutenant Donald Treannie, III



NEW HIRES

- Deputy Chief Thomas Kenvin
- Office Manager Kathleen DiNatale
- Firefighter Sean Philbin
- Firefighter Aidan Farrell
- Firefighter William Greaves
- Firefighter Sean Philbin
- Firefighter Stephen Easter

7

NEW HIRES

5

PROMOTIONS

4

RETIREES

RETIREES

(years of service to Foxborough Fire)

- Chief Roger Hatfield - 10 years
- Firefighter Thomas Lovejoy - 27 years
- Firefighter Peter Phaneuf - 12 years
- Veronica Harvey - 1 year





Thank-you to the Everett
Washington Fire
Department for the
inspiration and idea for this
report. Stay Safe

