



Saco Fire Department

Annual Report for 2016 Fiscal Year

July 1, 2015 to June 30, 2016

**CENTRAL FIRE STATION
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SACO, MAINE 04072-1809
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Our MISSION, Our VISION, Our CORE VALUES

Our Mission Statement

The Saco Fire Department is committed to enhancing the quality of life for present and future generations of our community. We protect lives and property through Public Education, Fire Suppression, and Emergency Medical and Rescue Services.

Our Vision Statement

We will strive to be role models in the community and leaders in our profession.

We will be accountable to those we serve, each other and any Fire Service Organizations we interact with.

We are committed to providing the best public service through innovative training, education, and equipment.

We will take the Saco Fire Department into the future through productive teamwork, open and honest communication, and participative decision-making throughout the organization.

We are committed to our values, mission, and dedicated to our fire service profession.

Our organization is driven to provide a cost-effective and efficient Fire Department while honoring our values, accomplishing our mission, and achieving our goals.

Our Core Values

Prepared for Duty – This means that our members will do everything possible to ensure that our organization is at an optimum state of readiness when called upon to respond at a moment's notice. Our team members will be properly trained, equipped, supported, and focused on safe immediate response and services.

Serving with Integrity – This relates to how we do our business. We acknowledge that truth and trust are the foundations of relationship building and delivery. All of our members will work hard every day to maintain the highest professional standards and to earn the public trust through their actions.

Responding with Compassion – Our organization is a people-oriented service organization focused on helping those in need. All of our members will provide the highest level of fire prevention/suppression, emergency medical response services and other emergency related services with the utmost compassion and caring to anyone in need.

Committed to Professional Excellence – The Saco Fire Department will provide its members with the means, skills, and education to provide outstanding professional services. This organization will achieve this excellence through a commitment to quality, respect for each individual, and a workplace that is free of harassment, discrimination, and retaliation.



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Introduction

By Chief John L. Duross

On behalf of all of the members of the Saco Fire Department, it is my distinct privilege to submit our Annual Report which illustrates our commitment to the citizens of Saco. The reporting period is the Fiscal Year (FY) 2016: July 1, 2015 through June 30, 2016.

You will find our annual report to be informative and a comprehensive outline of the services that we provide, the facilities and resources provided to us that assist in successful completion of our mission, and our most important resource, our personnel. It is our personnel that are directly responsible for your department continuing to remain a superior Fire and Emergency Medical Service (EMS).

Our organization is focused on providing the safest work environment possible for your Fire/EMS responders. We diligently strive to be the most effective and efficient public safety organization while giving consideration to the ever changing environment and the necessary evolution of our service. As Saco and the region continue its growth, we embrace our responsibility of providing the highest level of care and service to meet the challenges and demands of our community.

In our ongoing efforts to provide the highest level of service, we recognize several challenges ahead. Increased demands for our services are directly related to community growth. Currently, there are several on-going and planned new initiatives that are designed to address how we will address these challenges. These include a comprehensive review of our response and staffing models, ongoing preparation to respond to and successfully manage all incidents, ensuring that our membership is healthy, physically fit, and emotionally prepared to perform in a dangerous and stressful environment

The Saco Fire Department is committed to enhancing the quality of life for present and future generations of our community. We protect lives and property through Public Education, Fire Suppression responses, and Emergency Medical and rescue Services. Each member of the department is a professional who is: Prepared for Duty, Serves with Integrity, Responds with Compassion, and is dedicated to Professional Excellence. We are very grateful for the continued support from our community, city administration, other city departments, and elected officials. Without your support, meeting our missions would not be possible.

Respectfully submitted,

John L. Duross, Fire Chief



Saco Fire Department History

Much of this history has been excerpted and edited from a history of the department produced and compiled by former Saco Fire Chief, Larry Smith. Our sincere thanks and appreciation to Chief Smith for his diligence and guidance as Chief and for his unselfish service to the City and citizens of Saco.



In 1675, several English sailors set out to test the notion that Indian children could swim at birth. The sailors sought out and upset a canoe in which was the wife and newly born child of the Indian Chief Squando. The mother rescued the child, but the child died shortly thereafter. The Chief sought vengeance for this outrageous act and encouraged a band of Androscoggin Indian braves to join with him in attacking the Saco settlers. The Indians set fire to the Phillips saw and corn mills and to an adjacent home. Then, two weeks later, the Indians burned to the ground all of the settler's homes in Saco.

The *Saco Social Fire Society* was founded in 1792 and is the first fire department, of sorts, about which we have a record. Each of its thirty members provided himself with two suitably initialed leather buckets for porting water and would run to a fire whenever the members received a special watchword.

In 1818, fire wardens were appointed to supervise fire fighting incidents. Each of the wardens was equipped with their badge of office: a five foot long red stave with an ornamental brass head on one end. The fire wardens made decisions regarding the removal of household goods during a home fire and appointed guards who would protect the property against vandalism.

In 1820, Maine entered the Union as the twenty-third state. About this time, local authorities began the first steps in organizing a volunteer fire company. The volunteer company covered both Saco and Biddeford and took the name of the *Saco and Biddeford Volunteer Fire Company*. All of its members were commanded to turn out for any fire that arose in either Saco or in Biddeford. Each member was required to own two leather buckets for water portage, a large cloth bag for carrying out household possessions from a burning structure and a bed wrench to take apart the beds in a home so that the beds could be carried through doorways to safety. Additionally, the two towns agreed to provide fire hooks, ladders and axes which the members used for fire fighting. When a fire occurred, the alarm was shouted out by a watchman and area church bells would begin to toll. Hearing the alarm shouted out and the church bells ringing, members of the fire society turned out with their two buckets, cloth bag and bed wrench. The members would form a line, shoulder to shoulder, at whatever nearby water source was available. The buckets were then filled with water and each man in line would pass the water filled bucket along the line from one man to the next towards the fire where one man would often be atop a ladder nearest to the fire. This fireman would pour the water from the buckets onto the fire and hand the empty bucket back to the next man in line who in turn passed the empty bucket to the next man until refilled with water at the beginning of the line. This fire fighting formation became known as the **bucket brigade**. A fire in that era usually spelled disaster in that most properties burned to the ground and personal and commercial possessions were very often destroyed in the mayhem of attempting to save the building.

Saco Fire Department History Continued

Much of this history has been excerpted and edited from a history of the department produced and compiled by former Saco Fire Chief, Larry Smith. Our sincere thanks and appreciation to Chief Smith for his diligence and guidance as Chief and for his unselfish service to the City and citizens of Saco.



In February of 1830, a fire totally destroyed the Saco Manufacturing Company structure which had been constructed in the early 1800's. The building measured 210 feet by 47 feet and was seven stories high. Occurring on a Sunday afternoon, many churchgoers left their churches and joined with hundreds of other people who had arrived to help fight the fire. Ladies, as well as men, joined the fire brigade that Sunday to try to save the nail works and the surrounding brick tenements; but to no avail. The fire continued engulfing the structure and the \$230,000 enterprise burned to the ground.

In 1834, a group of townspeople, after much discussion, decided to form the *Saco Mutual Fire Club*. The Club had the following preamble in its articles of organization: "Wishing to render mutual assistance to each other and to each of our neighbors in the hour of peril by fire, we, the subscribers, have associated under the name of the Saco Mutual Fire Club, and convinced that such an institution order is indispensably necessary, we agree to be governed by the following regulations."

Two years later, in 1836, another group of citizens formed the *Saco and Biddeford Village Corporation* for the extinguishments of fires. The group built two reservoirs and repaired some old fire fighting equipment.

Shortly thereafter, the town fathers considered construction of a fire hydrant system and the appointment of a Chief Engineer. In 1848, the town purchased a horse drawn Fire Hand Engine, known as the "Niagara #3", for \$1400. It was housed in a small station building in Pepperell Square and is currently on display at the new Central Station on North Street. The number of fire fighting members was 85. By 1849, there were now three reservoirs in Saco.

In 1852, the first compensated fire department quarters were established at City Hall. Behind City Hall on Cutts Avenue a structure with 2 bays was used to house "Niagara #3" and "Deluge #4", a horse drawn Fire Hand Engine purchased for \$635.

In 1854, recognizing the need for additional firefighting equipment, a hand drawn pumper with hose reels were purchased.

During the civil war, in 1862, a hand drawn ladder truck was acquired. The truck was housed on the property of a resident on Free Street. The ladder truck was nicknamed the "Union Hook & Ladder No. 1" in honor of the Union Army fighting the civil war.

In August of 1864, a new fire fighting steam engine was purchased and named the "Saco #1". The purchase cost was \$3,250.

In 1867, Saco was incorporated as a city and the office of fire warden was abolished and a Fire Chief was appointed as were two assistants.

Saco Fire Department History Continued

Much of this history has been excerpted and edited from a history of the department produced and compiled by former Saco Fire Chief, Larry Smith. Our sincere thanks and appreciation to Chief Smith for his diligence and guidance as Chief and for his unselfish service to the City and citizens of Saco.



In 1869, a fire station was constructed on Thornton Avenue. At the time, the Public Works Department also occupied a section of the building. The Saco #1 and the recently purchased steamer, the Governor Fairfield #2, are moved into the fire station.

In 1876, the Saco and Biddeford Fire Departments formalized their cooperative fire fighting association by agreeing to assist each other upon the ringing of a 'second alarm'. This formal cooperative association between the departments continues to this day although the method of requesting mutual aid has been modernized with technological improvements.

During the population growth of the 1880's, a system of public fire hydrants was constructed in various areas of the City of Saco that were serviced by public water.

In the 1890's, public water lines were being extended and a fire alarm system with 13 street boxes was installed.

Enter the twentieth century and growth continued. In 1904, a telephone was installed in the fire station. In 1908, schools held their first organized fire drills.

By 1910, the City had a Camp Ellis Fire Station in response to numerous fires in the area and the considerable housing and commercial development that was occurring.

In December of 1911, Box 86, for its first time, sounded an alarm for a fire on Common St.

In the summer of 1919, the Saco Fire Department received the gifts of 4 new horses as replacements for the horses that had served the City well.

In 1938, funds from the WPA (the Works Progress Administration was the largest New Deal Agency to assist in the recovery from the Great Depression) were appropriated for the construction of a new fire station on Thornton Avenue. The Thornton Avenue station served the City and the Fire Department until 2011.

In 1939, Saco organized and conducted its First Aid Training School under the auspices of the Fire Department.

In 1947, the Camp Ellis Fire Station was re-situated into quarters in Camp Ellis.

By 1950, the year round population of Saco was 10,324.

In 1952, an American LaFrance 85 foot aerial ladder truck became an important firefighting vehicle in the limited fire department fleet. 25 years later, in 1977, a 100 foot aerial ladder truck which was better equipped and more effective in preserving lives and structures became the property of the department.

Saco Fire Department History Continued



Much of this history has been excerpted and edited from a history of the department produced and compiled by former Saco Fire Chief, Larry Smith. Our sincere thanks and appreciation to Chief Smith for his diligence and guidance as Chief and for his unselfish service to the City and citizens of Saco.

In 1953, the first emergency ambulance owned by the City of Saco became City property when a 1949 Packard ambulance was donated as a gift to the City.

In 1957, the Fire Department had 218 fire calls and 254 ambulance calls.

In 1975, the present North Saco Station was constructed to serve the safety needs of the surrounding neighborhood and its residents following disastrous property losses by fire in that region of Saco. The original station, which was replaced, served the area beginning in 1958.

1979 was a critical year for the Fire Department and for the City of Saco. In January, the voters passed a referendum which limited the tax levy and established a tax cap provision. One of the many budgetary decisions resulting from this decision was the termination of the ambulance service. A generous citizen selflessly attempted to provide a non-municipal ambulance service, but was unsuccessful in adequately serving the needs of the City. The City eventually went into default on its obligations. In April, 1980, Saco voters repealed the tax cap provision. The repeal resulted in re-establishing a municipal ambulance service which served as the precursor to our present day level of services.

By 1980, the population of Saco had increased to 12,921 which was nearly twice the population of the early 1900's; by 1990, the population had increased to over 15,000. In the year 2000, the population of Saco had grown to 16,822 and the 2010 U. S. census recorded the population of the City to be over 18,400 people.

In 1993, using funding provided by a federal jobs bond, the current Camp Ellis Station on Bay Hill Road was completed to house two emergency vehicle bays. The original Camp Ellis station of 1947, which was constantly besieged by coastal storms, was closed.

In 2011, to meet the expanding needs of the City of Saco and the Saco Fire Department, the fire station located on Thornton Avenue was replaced by the construction of the new Central Fire Station on North Street. At its dedication ceremony, formerly held on April 30, 2011, over 1,000 people attended the event. The time capsule buried during construction is planned to be opened in 50 years on July 31, 2061.

(Our special thanks to Michael Tremblay, Saco Fire Department Call Division Captain and retired Saco Police Officer and Curator of the Biddeford, ME Fire Department Museum, for his considerable and extensive research which has been incorporated into this history)



Saco Fire Department Staffing Overview



The Saco Fire Department is a combination department, operating 24 hours per day, 7 days per week, each week of the year. Serving the public safety needs of Saco and neighboring communities, the Department employs 35 career Firefighters, 40 on-call Firefighters and civilian staff, 6 Fire/Police on-call members, and one civilian administrative staff person.

The Department maintains a total of 4 fire engines, 1 aerial ladder truck, 1 pumper/tanker fire truck, 1 brush truck, 3 emergency ambulances, 2 marine rescue crafts, 1 All Terrain fire & rescue unit, and 4 public safety service & command vehicles.

The career division is comprised of highly trained and competent firefighters who are all licensed by Maine Emergency Medical Services to provide emergency medical services on a transporting ambulance. Staff positions consist of the Fire Chief and two Deputy Fire Chiefs working a Monday through Friday work shift, as well as on-call time rotating every third week. On-duty staffing is accomplished through 4 eight member shifts working 24 hours on a rotating basis. Leadership of each on-duty shift is provided by a captain and a lieutenant. The remaining crew members are highly proficient firefighters and apparatus operators. The majority of our personnel are licensed at the Paramedic Level, while the remaining members are either Basic Emergency Medical Technicians (EMT's) or Intermediate Level EMT's. All career members are trained and qualified as Interior Structural Firefighters and operate at the Operations Level in Hazardous Materials Response.

The call division of the Saco Fire Department is a long-standing, rich in tradition organization that serves the City with pride and dedication, staffing the fire apparatus at the North Saco and Camp Ellis Fire Stations as well as providing additional firefighting staff at Central Fire Station. As on-call members, they are required to attend monthly training and to respond on all fire related incidents that are 1st Alarm assignments or greater as determined by the Incident Commander. This group also has limited responsibilities as EMS First Responders in the outlying areas of North Saco and Camp Ellis. The goal is to use the sub-stations to provide first aid prior to the arrival of the ambulance out of Central Fire Station. The primary responsibility of our Fire/Police division is to provide a high level of safety and facilitate the movement of vehicular and pedestrian traffic at emergency scenes. Members receive traffic control at emergency scenes training meeting Maine Department of Labor standards.

Our civilian members consist of a full-time Administrative Assistant, a medical physician who serves as our Medical Director, our Fire Department Chaplain and our Communications Specialist. The responsibilities of the Administrative Assistant center on office workflow. Duties include preparing department payroll documentation and invoices, recordkeeping, filing and serving as the department receptionist. The focus of the Department Chaplain is centered around providing support services to our department, our membership and to those we serve. Our Medical Director provides the EMS Division with guidance on training, EMS protocol compliance and Quality Assurance & Quality Improvement. Our Communications Specialist provides editing services for various printed media and assists in the production of our Department publications.

Saco Fire Department Staffing and Future Staffing



The Saco Fire Department is a combination department, operating 24 hours per day, 7 days per week, each week of the year. Fully staffed complement is 35 career Firefighters, an Administrative Assistant, and 46 on-call members comprised of Firefighters, Jr. Firefighters, Fire/Police members, and on-call support Staff.

The Fire Department has diligently labored over the years to balance the need to grow the organization to meet the increasing demands for service against the fiscal constraints faced by the community. The requirements for managed growth are based upon a number of factors: overall increased call volume, Fire District specific increased call volume, program specific increases in requirements and regulations and technological improvements.

Planning for growth is ongoing: staffing Camp Ellis and North Saco Station with career Firefighters, increasing firefighter and administrative staff at Central Station and the need to advance our capabilities in specialized rescue situations are all critical needs under consideration.

<i>History of Managed Growth</i>								
Emergency Calls and Apparatus	Annual	Annual	Annual	FY 2005	FY 2010	FY 2014	FY 2015	FY 2016
Number of Fire Calls	316	990	1667	625	595	608	726	687
Number of Ambulance Calls	1552	1713	1885	2006	2288	2621	2801	2611
Number of Fire Stations	3	3	3	3	3	3	3	3
Number of Fire Engines	5	6	6	5	5	5	5	5
Number of Ambulances	2	2	2	2	2	3	3	3
Staffing	1990	1995	2000	2005	2010	2014	2015	2016
Career Chief Officers	3	3	3	3	3	3	3	3
Career Fire Captains	4	4	4	4	4	4	4	4
Career Fire Lieutenants	0	0	0	4	4	4	4	4
Career Firefighters	16	16	16	24	24	24	24	24
Number of Shifts	4	4	4	4	4	4	4	4
Average Weekly Work Hours	42	42	42	42	42	42	42	42
Call Division Firefighters and Civilian On Call Support Staff	30	30	34	34	39	40	40	40
Fire/Police On-Call Members	0	0	4	2	2	6	6	6
Civilian Administrative Staff	1	1	1	1	1	1	1	1



Command Organizational Chart



Career Division Chart is located on page 12

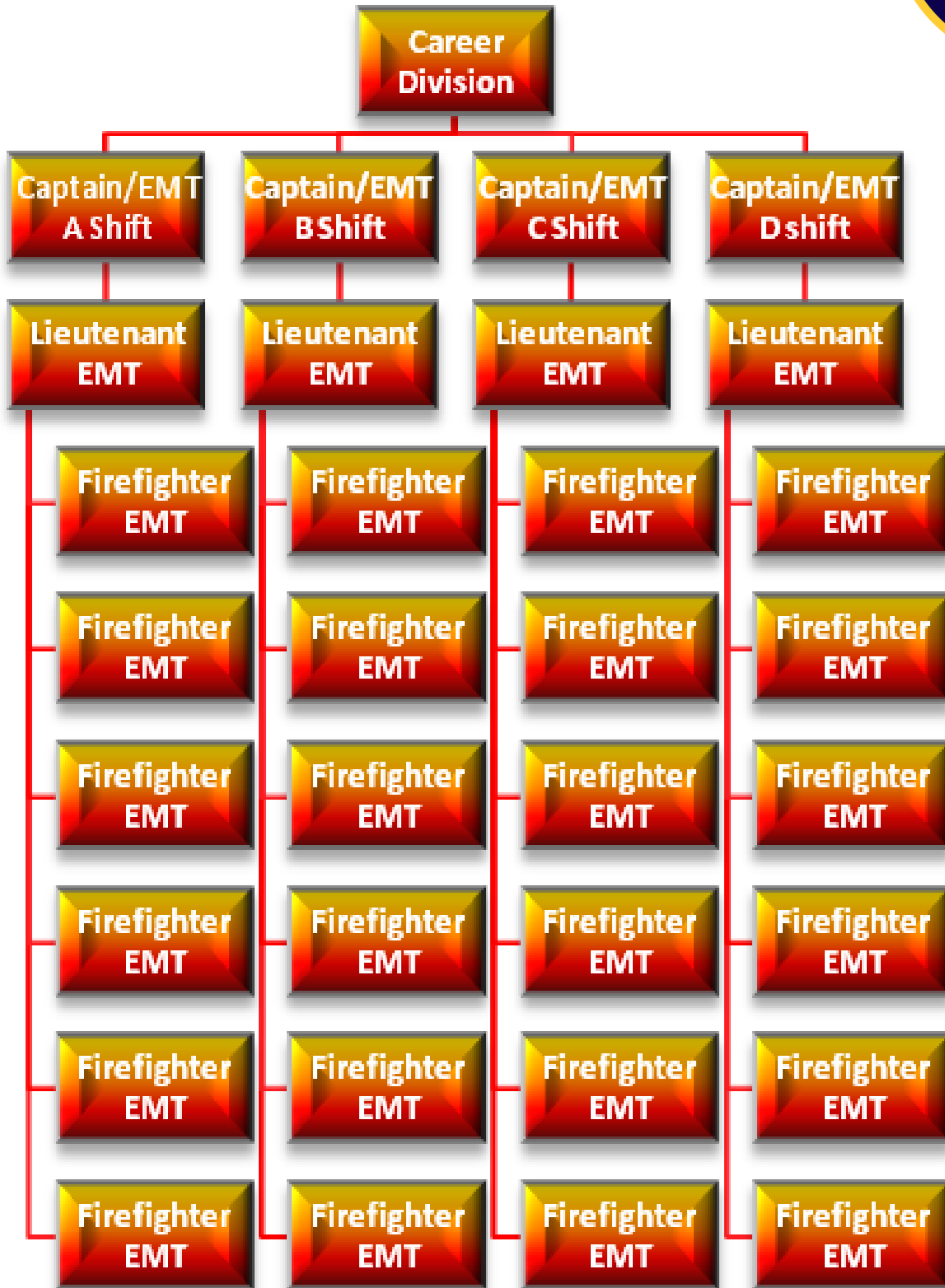
Call Division Chart is located on page 13

Fire/Police Division Chart is located on page 13

All Divisions Support Staff

- ▶ Administrative Assistant
- ▶ Medical Director (Member of Call Division)
- ▶ Department Chaplain (Member of Call Division)
- ▶ Fire Ground Support Aides (Member of Call Division)
- ▶ Communications Specialist (Member of Call Division)

Career Division Organizational Chart



Call Division Organizational Chart



Fire/Police Division Organizational Chart



Roster of Department Staff



Members of all Divisions as of June 30, 2016

Last Name	First Name	Rank and Title	Assigned Division	Initial Year of Service
Beaulieu	Armand	Firefighter/AEMT	Career	1994
Beaulieu	Jerry	Lieutenant/Paramedic	Career	1999
Binette	Nancy	Administrative Assistant	Career	1986
Bishop	Stephen	Firefighter	Call	2015
Bouchard	Thomas	Fire/Police Member	Call	2013
Boucouvalas	Steven	Lieutenant	Call	1977
Briggs	Sarai	Firefighter/Paramedic	Career	2009
Brock	Stephen	Firefighter/Paramedic	Career	2002
Broder	Samuel	Firefighter /Paramedic	Call	2014
Broome	James	Fire/Police Member	Call	2015
Caron	Allyssa	Firefighter/EMT	Call	2015
Carroll	Joseph	Lieutenant/Paramedic	Career	2001
Casamassa	Thomas	Captain/Support Aide	Call	1978
Casamassa	Tyler	Firefighter/EMT	Call	2007
Chamberlain	Kevin	Firefighter/EMT	Call	2015
Chapman	Nathaniel	Firefighter/EMT	Call	2011
Chicoine	Brad	Firefighter/Paramedic	Career	2006
Coniaris	Dean	Support Aide	Call	1978
Cooper	Joseph	Captain	Call	1998
Cote	John	Lieutenant	Call	1996

Roster of Department Staff



Members of all Divisions as of June 30, 2016

Last Name	First Name	Rank and Title	Assigned Division	Initial Year of Service
Crowley	Kevin	Firefighter/EMT	Call	2011
Cyr	Matthew	Firefighter/Paramedic	Call	2010
Demers	Joseph	Firefighter/EMT	Call	2012
Detweiler	Kaitlin	Firefighter/Paramedic	Career	2013
Dugas	Patrick	Firefighter/Paramedic	Career	2012
Duquette	Mark	Junior Firefighter	Call	2014
Duross	John	Fire Chief/EMT	Career	1977
Duross	Mathiew	Captain/Paramedic	Call	1997
Ferrante	Joseph	Firefighter	Call	2012
Finley	Karl	Firefighter/Paramedic/Public Education Coordinator	Career	2003
Fortier	Jeffrey	Fire/Police Member	Call	2015
Gagne	Jillian	Firefighter/AEMT	Call	2015
Gagne	Kyle	Firefighter/Paramedic	Career	2001
Gallant	Thomas	Firefighter	Call	2013
Gardner	Jason	Firefighter	Call	2013
Hamel	David	Lieutenant/Paramedic/Training Coordinator	Career	2003
Hanson	Wayne	Lieutenant/EMT	Career	1977
Jacques	Kevin	Chaplain	Call	1998
Jerome	Benjamin	Firefighter/EMT	Career	1989
Kelley	Mark	Firefighter/AEMT	Career	1990

Roster of Department Staff



Members of all Divisions as of June 30, 2016

Last Name	First Name	Rank and Title	Assigned Division	Initial Year of Service
Kerner	Stephen	Firefighter/EMT	Career	1985
King	Jared	Firefighter	Call	2014
Lane	Eric	Firefighter/Paramedic	Career	2008
Langerman	Brian	Firefighter/Paramedic	Career	2003
Langevin	Thomas	Firefighter/Paramedic	Career	1994
Lanoix	David	Support Aide	Call	2015
Lee	Frank	Firefighter/Paramedic	Career	2013
Legendre	Raynald	Division Chief	Call	1976
Lord	Jason	Firefighter/EMT	Career	2013
Madore	Adam	Firefighter/EMT	Call	2008
Madore	William	Captain/AEMT	Career	1990
Martel	Michelle	Firefighter/EMT	Call	2010
Martin	Marc	Firefighter/Paramedic	Career	2006
Martin	Robert	Deputy Fire Chief/EMT	Career	1988
Mercier	Steven	Firefighter/AEMT	Career	1993
Meserve	Marc	Lieutenant	Call	1982
Mitchell	Heather	Firefighter	Call	2014
Nason	Trevor	Firefighter/EMT	Call	2012
Paquette	Marc	Captain/EMT	Career	1980
Parke	Steven	Lieutenant	Call	2006
Pelletier	Peter	Fire/Police Member	Call	2015

Roster of Department Staff



Members of all Divisions as of June 30, 2016

Last Name	First Name	Rank and Title	Assigned Division	Initial Year of Service
Pelletier	Vincent	Captain/Paramedic	Career	1992
Pendleton	David	Deputy Fire Chief/EMT	Career	1977
Pendleton	Kenneth	Firefighter/EMT	Career	1975
Pendleton	Shawn	Lieutenant	Call	2009
Peters	David	Firefighter/EMT	Career	1989
Raby	John	Captain	Call	2006
Roughan	Tom	Communications Specialist	Call	2014
Sarto	Patrick	Firefighter/Paramedic	Career	2010
Schmitz	Michael	Medical Director	Call	2010
St. Onge	Christopher	Firefighter	Call	2010
Stuart	Keith	Firefighter/Paramedic	Career	2010
Tobin	Jack	Firefighter	Call	2014
Trask	Tucker	Firefighter	Call	2013
Tremblay	Michael	Captain/Support Aide	Call	1978
Walker	Scott	Firefighter/Paramedic	Career	1999
West	Christopher	Captain/Paramedic	Career	2000
Whitten	Clifton	Firefighter/Paramedic/EMS Coordinator	Career	2010
Willett	Keith	Captain/EMT	Call	2000

End of Roster of Department Staff



Staff Special Recognitions and Salutes

Our Department proudly recognizes those who achieved significant length of service milestones, retired, became new Department members, joined the Armed Services and our comrades that passed during Fiscal Year 2016. Our grateful thanks for their countless hours of dedicated service to the City, to the Department, and to the citizens that we serve.



Pictured above, Captain Paquette and Chief Duross

Saco City Council honored Fire Chief John L Duross and Captain Marc Paquette for each of their 35 years of individual service to the City of Saco. Chief Duross began his career as a Saco Firefighter in 1980, advancing through the ranks until appointed as Chief. Captain Paquette presently serves as Shift Commander of B Shift and is responsible for Fire/EMS services.

Captain William Madore (pictured at the far right next to Chief Duross) was honored by the City of Saco for his 25 years of dedicated service to the Fire Department and the City. Bill is Commander of D Shift Fire/EMS Services



Firefighter Steve Kerner was honored by the City of Saco for his 30 years of dedicated service to the Fire Department and the City. Steve is a member of D Shift. Steve serves as senior Firefighter and as the driver/operator for Engine 3.

Steve is pictured in the center with Chief Duross at his City Hall ceremony

New Call Department members.....

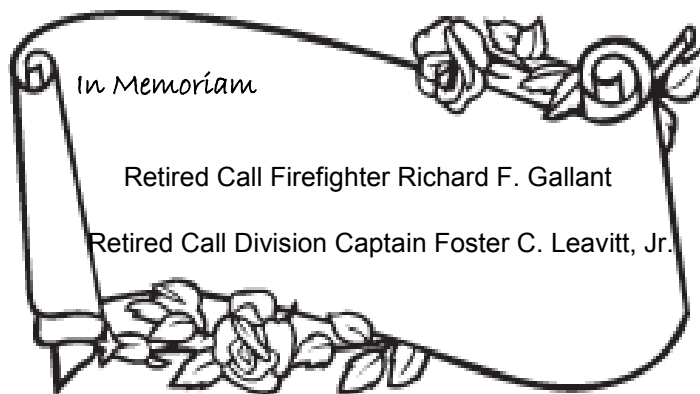


Allyssa Caron

Stephen Bishop

Jillian Gagne

Kevin Chamberlain



Staff Contributions to the Community

Providing their personal off-duty time in support of charitable and philanthropic organizations, Department Professional Staff, Career Division, Call Division and Fire/Police Division members are community focused for the benefit of our City and our surrounding communities. Among the many activities were....




Members participated in the Lower Saco River Trash Drive which targeted the collection of trash and debris along a designated section of the river. Approximately 3 tons of materials were removed during this volunteer beautification project.



Saco Fire Chief John L. Duross along with fellow members of the Fire and EMS departments attended the 9/11 Remembrance Concert which honors Fire, EMS, Police and those serving in our Military. The concert was given by the Biddeford-Saco Alumni Band accompanied by the Maine Pops Concert band. The Saco Food Pantry was the beneficiary of good will food donations.

Members of the Department continue to serve as active participants in support of the American Red Cross as donors and assisting the Red Cross in its blood collection efforts.



American Red Cross

BLOOD DRIVE

Saco Fire Department

Saturday, December 26, 2015
9:00 AM ~ 2:00 PM

In the Training Room
271 North St., Saco

Please call the American Red Cross @
1-800-RED CROSS to make an appointment.

All presenting donors will receive
a Red Cross long-sleeve t-shirt!

redcrossblood.org **1-800-RED CROSS**

The Holiday Season is an opportunity for members of our Department to give their time and efforts in support of helping our less fortunate citizens and families. Department members lent their support to the Salvation Army Giving Tree and provided needed clothing, gifts and food assistance to a local deserving 'adopted' family.





Station and Public Safety Facilities

The Saco Fire Department operates and functions from three physical building facilities expertly located within the City to maximize responsiveness for public safety responses.

The Central Fire Station is located at 271 North Street and was constructed in 2011.

Staffed 24 hours a day, 365 days of the year, by on-duty members, Central Station is also the home of the administrative office of the Department. This facility is often frequented by the public who are in need of the non-emergency services that we provide such as obtaining burning permits or Fire Code advice on a particular product or installation. The building also serves as a training facility for firefighters and emergency service personnel from the region.



The Camp Ellis Fire Station is located at 11 Bay View Road. This station, relocated from its original home that was constantly impacted by coastal storms, was built in 1993, using funding from the Federal Jobs Bond. The Camp Ellis Volunteer Fire Department has a long history of serving the fishing industry, recreational and commercial boating, and the summer homes of many residents.





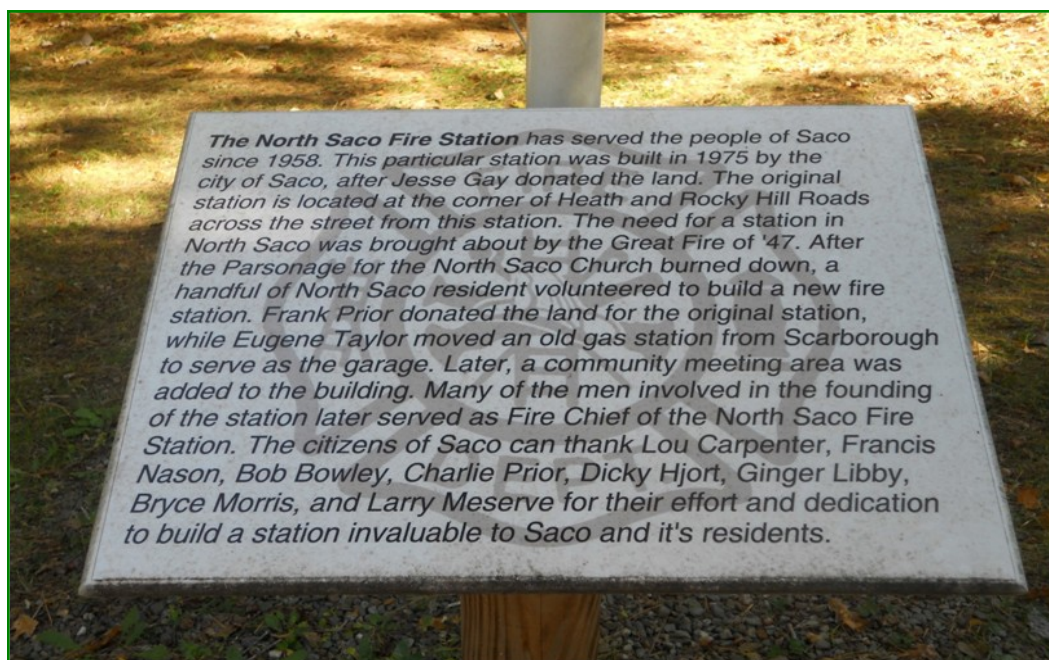
Station and Public Safety Facilities

The North Saco Fire Station is located at 120 Rocky Hill Road. This facility is a volunteer station that was built in 1975 on land donated to the city by a local resident. The original location of the North Saco Fire Station was at the corner of the Heath and Flag Pond Roads which housed used and donated fire apparatus until 1971 when the City of Saco purchased Engine 7.



North Saco Station

Commemorative plaque located at the North Saco Fire Station. This plaque and adjacent flag pole were erected to preserve the heritage of this station's location and construction.





Motorized Apparatus and Watercraft

Motorized Apparatus

The Saco Fire Department Central Fire Station houses:

- 1 Aerial Ladder Truck
- 2 Fire Engines
- 3 Advanced Life Support Transporting Ambulances
- 1 Pumper/Tanker Fire Engine
- 1 Brush Truck
- 1 All Terrain Fire & Rescue Utility Vehicle
- 2 Marine Craft operated by on-duty personnel are seasonally housed afloat or ashore

The North Saco Fire sub-Station and the Camp Ellis Fire sub-Station each houses:

- 1 fire engine operated by members of the Call Division assigned to those stations

Ladder 1

2002 107 foot Smeal Ladder Truck with a seating capacity of 8, a 1500 GPM (gallon per minute) pump 416 gallon tank, carries 500 feet of 4 inch hose, 16 SCBA (Self Contained Breathing Apparatus), 115 feet of ground ladders and an 8 KW Hydraulic Generator System.



Engine 3

2007 Ferrera Fire Engine side mount pumper with a seating capacity of 6, a 1500 GPM (gallon per minute) pump 1000 gallon tank, Class A and Class B Foam tanks, 11 SCBA (Self Contained Breathing Apparatus).



Engine 4

1996 Ferrera Fire Engine side mount pumper with a seating capacity of 5, a 1250 GPM (gallon per minute) pump 1000 gallon tank, Class B 55 gallon Foam tank, 8 SCBA (Self Contained Breathing Apparatus).





Motorized Apparatus and Watercraft

Motorized Apparatus

Engine 5

2016 Ferrera MVP (Multi Vocational Pumper) Fire Engine. It is equipped with a 1250-2000 GPM (gallon per minute) pump 1000 gallon tank, a flow based proportioning system measuring water flow and foam for fire suppression, a 55 gallon Foam tank and specialized equipment for gas detection, confined space, heavy rescue and extrication rescues.



Engine 8

1999 Ferrera Fire Engine side mount pumper with a seating capacity of 5, a 1250 GPM (gallon per minute) pump 1000 gallon tank, Class A 55 gallon Foam tank, 8 SCBA (Self Contained Breathing Apparatus), and carries our Code 3 Extrication System.



Engine 9

Ford 550 Forestry Truck with a 250 GPM (gallon per minute) pump 300 gallon tank on a skid unit and a Robwen Class A Foam system. This unit carries all the forestry equipment during the summer months and ice water rescue equipment in the winter.



Engine 1

1993 Freightliner Fire Engine with a seating capacity of 5 occupants, holds a 2500 gallon tank that supplies a 1250 GPM (gallon per minute) Pump and carries 2000 feet of large diameter hose.





Motorized Apparatus and Watercraft

Motorized Apparatus

Ambulance 3

Type III Advanced Life Support Ambulance 2012 Chevrolet G4500 Cab & Chassis PL Custom Medallion 170

Staffed by advanced medical life support providers along with a state of the art life support station and devices such as the LifePack 15 cardiac monitor, a paramedic level medication box, a battery operated stretcher, IV supplies and advanced airway equipment. Care area accommodates up to 6 occupants but most commonly transports a single patient with multiple EMT staff attending to the needs of the patient.



Service 2

2005 Ford F-150

Ford F-150 Extended Cab carries one SCBA (Self Contained Breathing Apparatus), a command system for emergency communications and safety control and Emergency Medical Services equipment for safety and assistance in life saving incidents.



All Terrain Utility Vehicle

2013 Polaris Ranger 6 x 6 800 cc ATU vehicle 40 HP motor with 4-Stroke twin cylinder & 760 cc 6 Wheel Drive with high & low gears, automatic Transmission and ground speeds up to 44 MPH 2,000 lbs towing capacity with a 1,500 lbs total payload capacity. 1,551 lbs dry weight seating. 2,000 pounds rated Front Mount Winch.

Includes a Kimtek Supermax Transport Skid Unit with a Darley-David® 2 stage high pressure twin impeller pump powered by Honda GX160 4 stroke Engine. An 85 gallon water tank with a 5 gallon Class A Foam tank and 100 feet of 3/4 inch hose Scotty Foam Eductor and an EMS rescue transport area with 2- 48 inch x 1 inch stainless steel grab rails for mounting a stokes basket or long board.





Motorized Apparatus and Watercraft

Additional Motorized Apparatus

Ambulance 2: 2009 Ford/Braun Type 3 Advanced Life Support Ambulance

Ambulance 4: 2016 Ford PL Custom Type 3 Advanced Life Support Ambulance

Service 3: 2005 Ford Pick Up Truck

Car 1: 2010 Ford Expedition

Car 2: 2013 Chevrolet Tahoe

Motorized Marine Watercraft

Marine 5

Commissioned April, 2015

2015 26 foot Modified Cape Ann Skiff with deep V hull design

Wheelhouse has stationary bench seating for two and a helm seat. A custom designed flip up shelf at the end of the bench seat may be positioned to extend the length of the bench seat to accommodate an injured person. Dashboard cutout enabling one of the crew to stand as lookout.

A retractable dive door secured to the hull on the aft starboard side is lowered and raised into the water by cabling .

Marine 5 is powered by twin (2) 150 hp Mercury 4 stroke outboard engines that are gas fueled allowing for vessel sea speeds up to 35 knots, adequate for Marine 5 to arrive swiftly at an incident site.

The bottom hull plating is constructed of 1/4 inch 5086 H116 aluminum alloy for increased tensile strength and durability. The decks, topsides, and pilot house are constructed of 3/16 inch 5086 and 5032 H32 aluminum alloys for shear load strength and vessel longevity.



Additional Motorized Marine Watercraft

Marine 6: 1999 20 foot Avon open hull vessel with 165 hp Mercruiser Outboard Engine



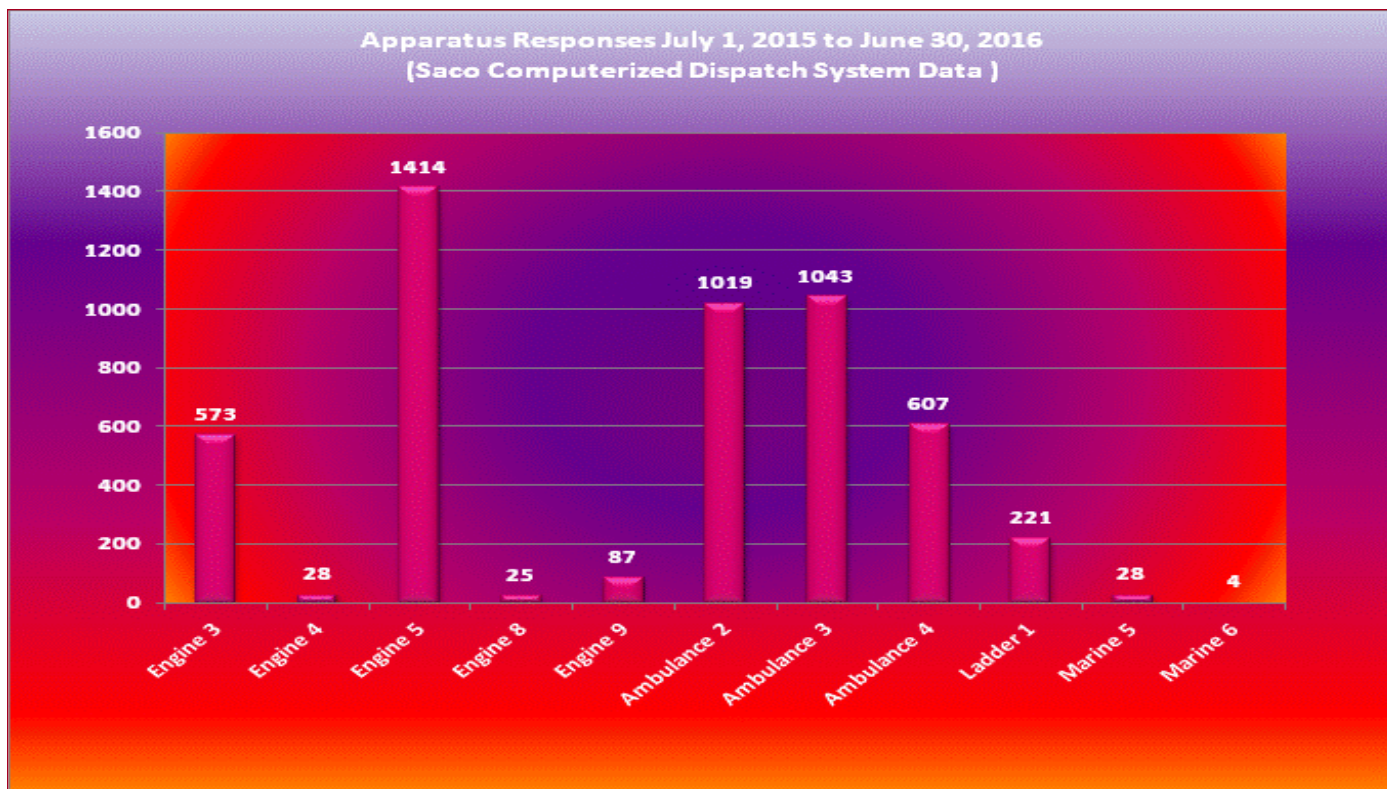
Dispatch and Responses

Saco Fire Department Dispatch Protocols

The Saco Fire Department initially dispatches its apparatus, personnel and equipment utilizing the appropriate procedures as determined by the Public Safety Dispatcher. The Dispatcher immediately undertakes an analysis of a request for safety services and determines the running cards (which stipulate the responding fire companies) protocols in response to reason for each call request. The running cards are based upon standards of the National Fire Protection Association and nationally accepted best practices. The cards are established to determine which apparatus (generally the nearest to the incident), staffing and resources are required.



Established alarm levels range from a Still Alarm (an incident that may likely be handled by on duty staffing) to a Box Alarm (an incident requiring additional manpower from our Call Division and off-duty staffing as well as additional apparatus). Second and Multiple Alarms are called when the Incident Commander determines the need for additional resources, manpower and apparatus. Additional emergency needs are often met by our neighboring communities in conjunction with our Mutual Aid Agreements.





Apparatus & Safety Equipment

Capital Equipment Estimated Replacement Schedule

Adopting and using a formal replacement program for fire/EMS vehicles, facilities, and equipment is designed to standardize specifications, prevent excessive

age and significant maintenance costs, ensure reliability, eliminate inconsistencies in systems and provide a financial planning tool that can become part of the Department's annual budget process.

There are no black-and-white or industry accepted methods for measuring the depreciation of a fire engine, ambulance, or specialized safety equipment. Replacement is based on a number of varying factors, including but not limited to:

- Life-to-Date maintenance costs exceeding acquisition costs: M:A Ratio
- Requirement to maintain fleet & equipment for meeting community emergency needs
- Technological improvements that increase safety, effectiveness, and efficiency
- First response service time compared to expected time to serve as a reserve unit
- Age, mileage, and engine hours are also considerations

Description	Fire Station	Make	Year	Estimated Utility	Mileage/Engine Hours	Replacement	Condition
Ambulance 3	Central	Chevrolet / PL Custom	2012	3 Yrs Primary / 3 Yrs Secondary 3 Yrs Reserve	71,526 miles / 3,709 Hours	FY 2022	Good
Ambulance 4	Central	Ford / PL Custom	2016	3 Yrs Primary / 3 Yrs Secondary 3 Yrs Reserve	8,213 Miles / 450 Hours	FY 2026	New
Ambulance 2	Central	Ford / Braun Custom	2009	3 Yrs Primary / 3 Yrs Secondary 3 Yrs Reserve	85,200 Miles / 5474 Hours	FY 2017	Poor
Description	Fire Station	Make	Year	Estimated Utility	Mileage/Engine Hours	Replacement	Condition
Engine 5	Central	Ferrara Custom Chassis	2016	15 Years based on heavy call volume	5,904 miles / 361 Hours	FY 2031	New
Engine 1	Central	International / Central States	1993	25 Years as a limited use Tanker / Pumper	29,836 Miles / 2,227 Hours	FY 2018	Fair
Engine 4	Camp Ellis	HME / Ferrara	1996	25 Years-Limited use from Sub-Station	1,142 Miles / 4,524 Hours	FY 2021	Good
Engine 8	North Saco	HME / Ferrara	1999	25 Years-Limited use from Sub-Station	14,953 Miles / 4757 Hours	FY 2024	Good
Ladder 1	Central	Ferrara Custom Chassis	2003	25 Years	35,636 Miles / 4,115 Hours	FY 2027	Good
Engine 3	Central	Ferrara Custom Chassis	2007	15+ Years based on current usage and assignment	44,593 Miles / 3,465 Hours	FY 2030	Good
Description	Fire Station	Make	Year	Estimated Utility	Mileage/Engine Hours	Replacement	Condition
Car - 3	Central	Ford Pick Up	2005	9 Years Command Car / 3 years as Service Unit	89,407	FY 2017	Poor
Service 2	Central	Chevrolet Pick Up	2007	9 Years Command Car / 3 years as Service Unit	80,593	FY 2018	Fair
Car - 1	Central	Ford Expedition	2010	9 Years Command Car / 3 years as Service Unit	59,514	FY 2023	Good
Car - 2	Central	Chevrolet Tahoe	2013	9 Years Command Car / 3 years as Service Unit	27,258	FY 2026	Good
Marine 5	CE Pier	Cape Ann Skiff	2015	15 Years Ocean Fire / Rescue Operations	177 Hours	FY 2030	New
Marine 6	Central	Avon	1991	20 Years fresh water Fire / Rescue Operations	N/A	FY 2022	Good
ATUV	Central	Polaris / Kimtek	2012	25 Years	100 Miles / 41 Hours	FY 2037	Good
Engine 9	Central	Ford/Northeast	2005	20 Years	12,506 Miles / 1,025 Hours	FY 2025	Good



Apparatus & Safety Equipment

Fire & Safety & EMS Equipment

Description	Fire Station	Make	Year	Estimated Life	Use Description	Replacement	Condition
SCBA (65)	All	Scott AP 50	2003	15 Years Firefighter Safety Equipment	Self Contained Breathing Apparatus	FY 2018	Good
Fit Testing	Central	Porta-Count	2016	10 Years	Quantative Fit Test Machine	FY 2026	New
Extrication	Central	Holmatro	2002	20 Years	Heavy Duty Auto Extrication Tools	FY 2022	Good
Extrication	Central	Holmatro	2007	20 Years	Medium Duty Auto Extrication Tools	FY 2027	Good
Extrication	North Saco	Code 3 Tool	1993	20 Years	Medium Duty Auto Extrication Tools	FY 2016	Poor
Extrication	Camp Ellis	Kinmond	1988	20 Years	Medium Duty Auto Extrication Tools	FY 2014	Poor
LP 12	Central	Physio Control	2003	15 Years	Cardiac Monitor	FY 2018	Good
LP 15	Central	Physio Control	2012	15 Years	Cardiac Monitor	FY 2027	Excellent
LP 15	Central	Physio Control	2012	15 Years	Cardiac Monitor	FY 2027	Excellent
Stretcher	Central	Stryker	2005	10 Years	Ambulance Cot Stretcher	FY 2015	Good
Stretcher	Central	Stryker	2009	7 - 10 Years	Ambulance Cot Stretcher	FY 2019	Good
Stretcher	Central	Stryker	2009	7 - 10 Years	Ambulance Cot Stretcher	FY 2019	Good
Stair Chair	Central	Ferno	1995	10 Years	Ambulance Stair Chair Stretcher	FY 2015	Poor
Stair Chair	Central	Stryker	2005	10 Years	Ambulance Stair Chair Stretcher	FY 2018	Good
Stair Chair	Central	Stryker	2005	10 Years	Ambulance Stair Chair Stretcher	FY 2018	Good
AED's (4)	All	Cardiac Science	2008	10 Years	Automatic External Defibrillator	FY 2018	Good
Compressor	Central	SCBA Compressor	2010	25 Years	Breathing Air Compressor	FY 2035	Excellent
TIC	Central	Thermal Imaging Camera	2014	10 Years	Thermal Imaging Camera	FY 2024	Good
TIC	Central	Thermal Imaging Camera	2016	10 Years	Thermal Imaging Camera	FY 2026	New
Floor Machine	Central	Advance	2011	10 Years	Apparatus Floor Cleaning	FY 2021	Good
PPC (75 sets)	All	Morning Pride	Varies	10 Years	Firefighter Protective Clothing	As Needed	Good

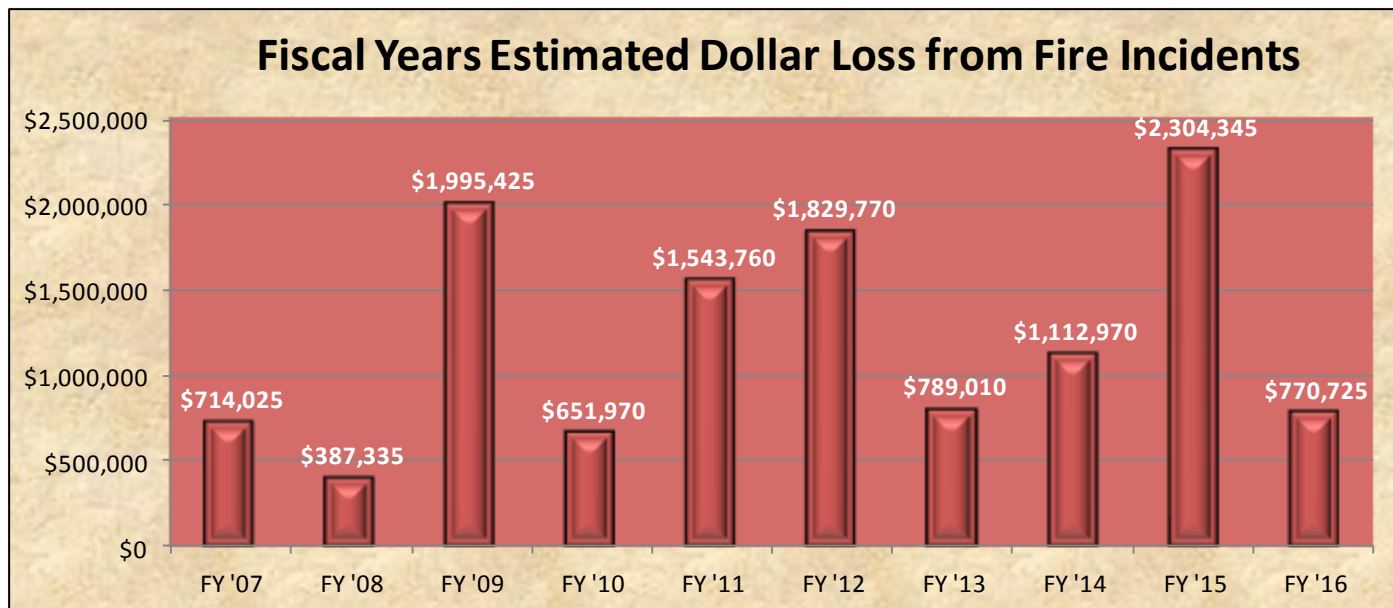
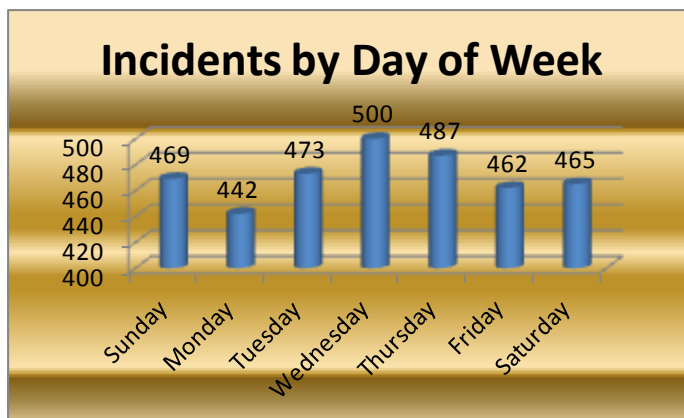
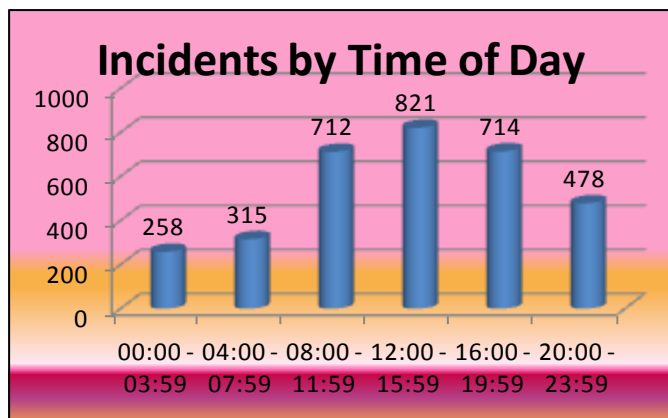


Annual Incidents Reporting

NFIRS Reporting & Incidents Reporting

The Saco Fire Department participates in the annual National Fire Incident Reporting System (NFIRS) to the Maine State Fire Marshal which becomes part of the United States Fire Administrations Fire Data Analysis. The NFIRS has two objectives: to help State and local governments develop fire reporting and analysis capability for their own use, and to obtain data that can be used to more accurately assess and subsequently combat the fire problem at a national level.

Call Type by Department Programs	FY '07	FY '08	FY '09	FY '10	FY '11	FY '12	FY '13	FY '14	FY '15	FY '16
Operations - Fire Suppression	100	90	104	93	88	86	79	103	112	77
Operations - Emergency Medical Services	2152	2315	2151	2288	2289	2380	2535	2621	2801	2611
Operations - Special Hazards	585	454	553	502	447	612	598	555	614	610
TOTAL	2837	2859	2808	2883	2824	3078	3212	3279	3527	3298





Saco Fire Department Programs

The identification of Fire Department Programs allows us to create an orderly structure and standard method of accountability to all of the events to which we respond or that occur in the course of a Fiscal Budget Year. These programs also create the foundation for our planning, structuring, direction, program development, coordination and evaluation of the services that we deliver.

The Fire Department has identified four Primary Programs that highlight the services that we deliver to the public that we serve:

Operations – Fire Suppression:

- Structural & Wildland Firefighting, Incident Command, Training, Communications, Incident Reporting and Data Collection

Operations – Emergency Medical Services:

- Emergency Medical Operations, Incident Command, Training, Communications, Incident Reporting and Data Collection

Operations – Special Hazards:

- Hazardous Materials, Rescue, Motor Vehicle Accidents, Incident Command, Communications, Training, Incident Reporting and Data Collection

Fire Prevention – Loss Reduction and Public Safety Education:

- Planning for Community Fire & Emergency Services, Fire Prevention and Code Enforcement, Public Safety Education and Fire Investigation

Additionally, we have identified three Secondary Composite Programs that are critical to supporting our responders and the services that we provide:

Apparatus & Equipment:

- Fire Apparatus, Ambulances & Specialty Vehicles to include maintenance and purchasing, Fire & EMS Protective Clothing & Equipment and Fire & EMS Equipment

Fire Department Facilities:

- Facility Repair and Maintenance, Contracted Services and Design Improvements

Safety & Human Resources:

- Personnel Administration, Safety & Occupational Health and Training & Education Management
- Office Management and Workflow, Financial Management, Legal Considerations, Insurance Grading of Fire Departments and Leadership & Succession Planning

For each program overall program goals are listed by expected outcomes and Key Measures are established to determine level of achievement. Through Inputs we can track resources that are assigned to each Program and assists us in the planning process as we strive to meet the current and future demands for service.



Saco Fire Department Programs

Operations: Fire Suppression

Outcome:

- To minimize the impact of fires, disasters, and other emergencies on life and property

The Saco Fire Department participates in the National Fire Incident Reporting System (NFIRS) of the U.S. Fire Administration, a system of uniform reporting of fire incident information. This system uses a 3-digit classification number to categorize all fire/EMS responses and is extremely beneficial in assisting us with defining our programs, specifically in the Operations – Fire Suppression programs.

Incident Types 100 – 199 best describe our Operations – Fire Suppression program. Included would be:

- Structure Fires to include chimney fires, cooking fires, fires involving heating appliances and trash or rubbish fires.
- Vehicle fires to include passenger vehicles, recreational vehicles, commercial vehicles, railroad freight and passenger cars and off-road vehicles.
- Fires in natural vegetation to include brush, grass and woods fires.
- Outside refuse fires to include trash dumpsters and outside trash compactors.
- Special outside fires include outside storage, outside equipment and outside gas or vapor explosions.

Key Measures:

- Percentage of 1 -2 family residential structure fires confined to the object or room of origin.
- Percentage of 1 -2 family residential structure fires confined to the floor of structure of origin.
- Percentage of emergency fire calls responded to in 5 minutes or less, from conclusion of dispatch to arrival.

Inputs:

- Personnel – both career and call divisions
- Personal Protective Clothing and Equipment for all responders
- Adequate training and education
- Fire Stations & facilities to support response
- Response apparatus to include Command, Fire and EMS
- Tools & Equipment for safe operations
- Communications to include dispatch services, radios and computers



Saco Fire Department Programs

Operations: Fire Suppression Continued

Outputs:

- Percentage of 1 -2 family residential structure fires confined to the object or room of origin:
 - In FY 2016, damage from fire was confined to the object or room of origin in 20% of all incidents.
- Percentage of 1 -2 family residential structure fires confined to the floor of structure of origin:
 - In FY 2016 damage from fire was confined to the floor of origin in 20% of all incidents.

Percentage of emergency fire calls responded to in 5 minutes or less, from conclusion of dispatch to arrival at incident location.

The table below identifies the continued success of our Department on this Output for the preceding ten year period:

Percentage of Emergency Fire Calls Responded to in 5 Minutes or Less									
FY '07	FY '08	FY '09	FY '10	FY '11	FY '12	FY '13	FY '14	FY '15	FY '16
55.79%	55.14%	54.14%	58.71%	54.01%	52.41%	58.30%	58.91%	62.89%	68.30%

Career and Call Members Certification Levels at the close of 2016 fiscal year:

- 77% of our Career Division members have achieved State of Maine Firefighter 1 Certification, as have 69% of our Call Division members
- 74% of our Career Division members have achieved State of Maine Firefighter 2 Certification, as have 69% of our Call Division members
- 37% of our Career Firefighters are certified as Fire Instructors, as are 6% of our Call Division members
- 31% of our Career Division members have achieved the Fire Officer Certification level, as have 6% of our Call Division members
- 3 members of our Career Division are Certified Child Passenger Safety Technicians facilitated by the Maine Bureau of Highway Safety, NHTSA and the Safe Kids Worldwide© Program



Saco Fire Department Programs

Operations: Emergency Medical Services

Outcome:

- To provide out-of-hospital acute medical care and transport to definitive care for patients with illnesses or injury that prevent them from transporting themselves.

The Saco Fire Department participates in the National Fire Incident Reporting System (NFIRS) of the U.S. Fire Administration, a system of uniform reporting of fire incident information. This system uses a 3-digit classification number to categorize all fire/EMS responses and is extremely beneficial in assisting us with defining our programs, specifically in the Operations - Emergency Medical Services programs.

Incident Types 300 - 399 best describe our Operations—Emergency Medical Services program. Included would be:

- Medical assistance
- Emergency medical calls
- Motor vehicle accidents
- Extrications
- Water–or-Ice related rescues
- Rescue or EMS stand by

Key Measures:

- Percentage of EMS responses in which EMS personnel arrival on scene is within 5 minutes from the time of dispatch:
 - **In FY 2016, 67.55% of EMS responses in which EMS personnel arriving on scene were within 5 minutes of the time of dispatch.**
- Percentage of patients reporting to be having, or presenting symptoms of, a heart attack who are delivered to a hospital with a pulse:
 - **In FY 2016, 93.8% of all patients reporting to be having, or presenting symptoms of, a heart attack were delivered to a hospital with a pulse.**

Inputs:

- Personnel – both career and call divisions
- Personal Protective Clothing and Equipment for all responders
- Adequate training and education
- Fire Stations & facilities to support response
- Response apparatus to include Command, Fire and EMS
- Tools & Equipment for safe operations
- Communications to include dispatch services, radios and computers
- Emergency Medical Technician (EMT) Certifications



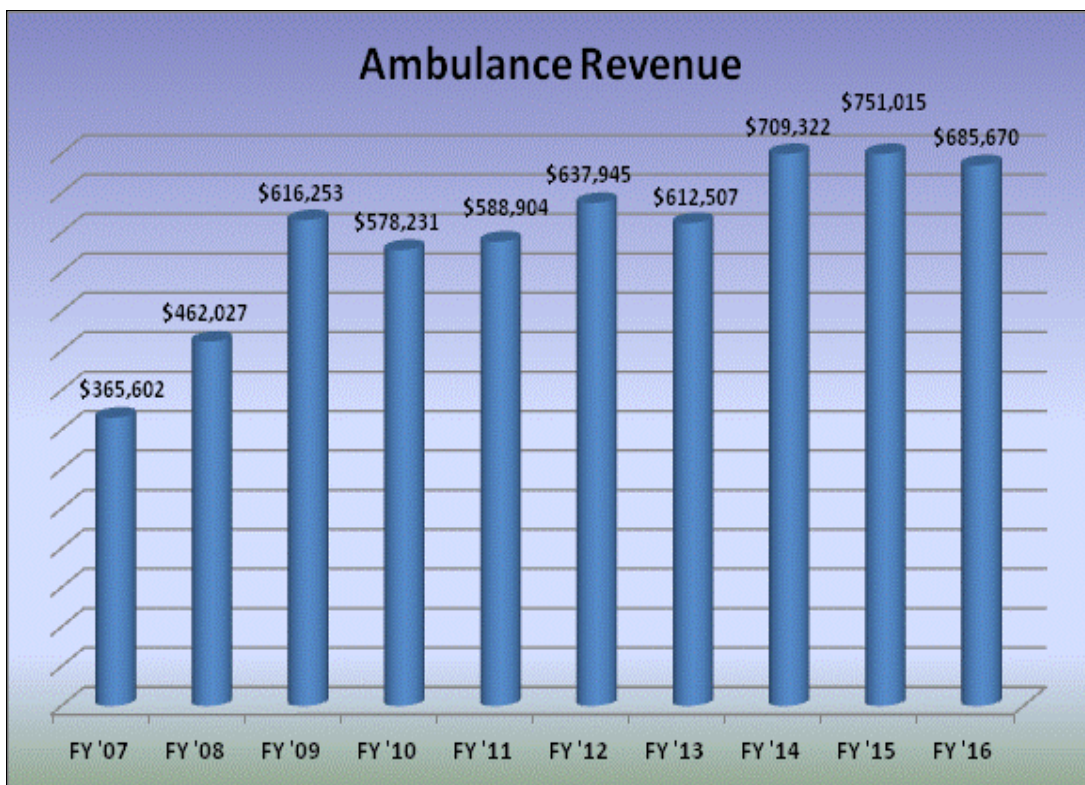
Saco Fire Department Programs

Operations: Emergency Medical Services Continued

Emergency Medical Services Certifications

- There are four levels of certification that the State of Maine licenses to provide out of hospital medical care. The levels are: First Responder, EMT Basic, Advanced EMT and Paramedic. First Responders and EMT Basics are able to perform tasks such as applying oxygen, basic patient assessments and patient packaging for transport. An Advanced EMT is able to perform additional higher level tasks such as more advanced assessments, administer certain specified medications, manage basic airway problems and start an IV procedure. Paramedics are the mostly highly trained. Paramedics are able to perform surgical procedures, more advanced patient assessments, and airway management. Paramedics perform cardiac rhythm recognition and defibrillation and are licensed to administer a wide variety of medications.
- Our career staff, at the close of the 2016 Fiscal year, is composed of over 60% of individuals who maintain a Paramedic level. Our staff providers hold certifications that include Critical Care EMT Paramedic, Advanced Cardiac Life Support, Pediatric Advanced Life Support, Advanced Medical Life Support, Pre-Hospital Trauma Life Support, Pediatric Education for Pre-Hospital Providers, Tactical Emergency Medical Specialist- Advanced, Advanced Burn Life Support, Geriatric Education for Emergency Medical Services, Tactical Casualty Care, International Trauma Life Support, and Basic Life support.

Ambulance Revenues



Sources of FY 2016 Ambulance Revenues

Medicare:	42%
Commercial :	35%
Mainecare:	12%
Self Pays:	11%



Saco Fire Department Programs

Operations: Special Hazards

Outcome:

- To minimize the impact of fires, disasters and other emergencies on life and property

The Saco Fire Department participates in the National Fire Incident Reporting System (NFIRS) of the U.S. Fire Administration, a system of uniform reporting of fire incident information. This system uses a 3-digit classification number to categorize all fire/EMS responses and is extremely beneficial in assisting us with defining our programs, specifically in the Operations- Special Hazards programs. Incident Types 200 – 299 & 400 - 999 best describe our Operations – Special Hazards program. Included would be:

- Overpressure and/or rupture of containers, pipes, vessels, and/or processes
- Hazardous Materials spills and leaks
- Chemical releases
- Electrical wiring or equipment problems
- Explosives
- Persons in distress
- Water problems
- Smoke/odor problems
- Calls of Good Intent
- False calls
- System or detector malfunctions
- Unintentional transmission of alarms
- Severe Weather or Natural Disaster
- Citizen complaints

Current Service Levels at the close of the 2016 Fiscal Year:

- All 35 Career Division members hold current Certification at the Operations Level of Hazardous Materials training.
- All of our Call Division Firefighters are certified in the Awareness level; 61% of our Call Division Firefighters have achieved the Operations Level of Hazardous Materials Certification.
- 6 members of the Department are currently members of the Specialized Tech Rescue Team and form a part of a regional response group to provide specialized rescue in High Angle & Low Angle Ropes Rescue, Below Grade/Confined Space, and Swift Water Rescue incidents.

Outputs:

In FY16, July 1, 2015 – June 30, 2016, the Saco Fire Department answered a total of 3,298 emergency calls for assistance. During this time period, 687 of those incidents met the Operations – Special Hazards Program criteria and represent 20.8% of our overall call volume.



Saco Fire Department Programs

Operations: Fire Prevention

Loss Reduction & Public Safety Education

Outcome:

To provide effective service delivery in the areas of Public Fire Safety Education, Fire Investigation, and Fire Prevention and Code Enforcement through community planning strategies, construction inspections, fire protection & fire alarm systems installation and use.

Planning for Community Fire and Emergency Services

- Involves the concepts of Master Planning:
- What are the greatest risks in the community?
- What does the community expect from the Fire/EMS service?
- What level of service does the community receive from the Fire/EMS service?
- Are the levels able to be improved?
- If improvements are necessary and/or required, what will they cost?
- What is the community able to afford?

Master planning is a process that should result in the establishment of fire prevention and control system that is goal-orientated, long term, comprehensive, provides known cost/loss performance, and adapts continually to the changing needs of our community. It requires involvement and active participation by the Fire Department in the City of Saco's Comprehensive Plan, Economic Development, Planning and Zoning, and Code Enforcement Departments.

Fire Prevention and Code Enforcement

Fire Prevention is our focal point to minimize fire losses in the community. Our main goal is to improve the safety and quality of life for the citizens of Saco.

Our Code Enforcement is divided into two distinct subsections:

1. Plans Review is conducted in conjunction with the Planning Department, Code Enforcement Department, and the Department of Public Works. Our reviews typically focus on:
 - Subdivision plans & Site Plans
 - Water supply plans, both public right-of-way and private water supply plans
 - Building permit plans, including architectural, mechanical and electrical
 - Automatic sprinkler system and standpipe systems
 - Fire alarm systems
 - Specialized fire protection plans, including CO2 systems, wet or dry chemical systems and "clean agent" systems



Saco Fire Department Programs

Operations: Fire Prevention

Loss Reduction & Public Safety Education Continued

Fire Prevention and Code Enforcement Continued

2. Inspections

Our inspections may be in conjunction with other departments or agencies to include the Code Enforcement Department, City Clerk's Office, and State Fire Marshal's Office or may be done as a part of our Fire Safety Program Management or at the request of the property/home owner.

Types of inspections we conduct include:

- Fire Safety – Pre-fire Planning carried out by on-duty fire companies
- Business License inspections in conjunction with the City Clerk
- Site inspections during construction
- Certificate of Occupancy inspections with the Code Enforcement Office
- Day Care licensing with the State Fire Marshal
- Complaint based inspections
- Wood-Burning appliance inspections for the home owner to satisfy the needs of their insurance company
- Re-inspections of buildings that fail initial inspections
- Fire protection systems inspections for compliance in new or remodeled property

The Saco Fire Department also works with all agencies referenced above to make recommendations for adoption of new codes, regulations and standards to keep our Fire Prevention Division current and to address unique fire hazards in the community.

Public Safety Education

Our Public Safety Education programs are essential programs that are designed to instruct citizens in actions that prevent loss or injury. It should be noted that not all of our Public Safety Education programs are related to fires. Our programs relate to all of the services that we deliver. Non-fire related programs include EMS, CPR-AED's, and children's car seat installation training.

The Department publishes a periodic newsletter containing pertinent safety, fire, and accident prevention information as well as current Department events and activities.



Saco Fire Department Programs

Operations: Fire Prevention

Loss Reduction & Public Safety Education Continued

Public Safety Education Continued

Objectives of our Public Safety Education programs include:

- **Educate** – Educate target audiences in specific subjects in order to change behavior
- **Instruct** — Instructing target audiences in various safety procedures such as the correct operation of portable fire extinguishers or “stop, drop, and roll”.
- **Inform** – Inform large groups of people about public safety issues.
- **Distribute** – Distribute information on timely subjects to target audiences.
- **Public Safety Education programs** conducted in FY 2016 by the Fire Department include:
 - Fairfield and Young schools presentations with over 700 students participating
 - Presentations at 9 daycare centers with over 250 children participating
 - Fire Drill protocol presentations
 - Student EMS Ride Along Learning Sessions with over 140 sessions
 - Safety presentations to Cub Scouts and Girl Scouts with over 210 attendees
 - Fire Engine Ride to School program with over 130 students participating in contest
 - Home emergency escape planning
 - Smoke and Fire Alarms installation and maintenance
 - Burns and scalding injuries prevention and emergency treatment
 - Residential and Commercial fire dangers and prevention
 - Carbon monoxide dangers and detection
 - 9 Children’s car seats inspected and properly installed
 - Instructional: Fire Drills • Fire Extinguisher Uses • Hazardous Materials • CPR & AED’s
- **Annual Fire Department Open House** Event with over 600 attendees which offered:
 - Guided Tours of the Central Station Facility
 - Inspection of Fire Engines and Ambulances
 - Inspections of Station Equipment and the opportunity to inspect Marine 5
 - Demonstrations of Car Cutting extrications
 - Demonstrations of live Fire Hose use
 - Demonstrations and inspections of SCBA, Ice Rescue Gear & Swift Water Rescue Gear
 - Opportunity for attendees to have children's car seat installations inspected and properly installed by our Certified Child Passenger Safety Technicians
 - Experiencing our All 4 Season Life Safety Station and our Training Smoke House
 - Child Games and Prizes were offered
- **Annual Central Station Holiday Lighting** Event with over 500 individuals in attendance



Saco Fire Department Programs

Operations: Fire Prevention

Loss Reduction & Public Safety Education Continued

Public Safety Education Continued

Outputs:

In FY 2016, the Saco Fire Department performed, participated or sponsored Fire Prevention and Loss Reduction and Public Safety Education activities as follows:

FY 2016 Public Education and Citizen Participation Activities	
Number of Activities	Description of Activity
12	General Safety Meetings
15	General Public Education Lectures
7	Fire Protection Lectures conducted at daycare facilities
4	Fire Protection Lectures conducted at school facilities
144	Student EMS Ride Along Sessions
16	CPR, AED and First Aid Classes
7	Fire Extinguisher Use Classes
19	Central Station Tours
9	Standby Safety & Participation in local events
9	Life Safety House Demonstrations
1	Annual Open House Event at Central Station
9	Child Car Safety Seat Inspections & Installations
11	Public Service Utilizations of Fire Department Equipment



Saco Fire Department Programs

Operations: Fire Prevention

Loss Reduction & Public Safety Education Continued

Public Safety Education Continued

Fire Investigation

Maine Statutes Title 25: When property is destroyed or damaged by fire, the municipal fire inspector shall investigate the cause, circumstances and origin of the fire, and especially examine whether it was the result of carelessness or of design. The primary reason for this authority is for the collection of information regarding the origin and cause of fires in order to prevent similar occurrences in the future. In cases where cause is not able to be determined or if it is determined that the fire was intentionally set, the investigation will expand to include Saco Police Criminal Investigations and/or the Maine State Fire Marshal. In almost every case, we are working cooperatively with third party investigators who have been assigned by the insurance companies to determine cause and assisting property owners with insurance claims.

A systematic approach to fire investigation includes the following steps:

- Scene examination
- Exterior examination
- Interior examination
- Documentation and Collection of evidence
- Analyze observations and findings
- Determine the origin and cause based on available evidence
- Report findings

Key Measures:

- Number of persons attending Public Fire Safety Education programs; school children, elderly, and special interest groups
- Number of fire safety and fire extinguisher classes held for business and industry
- Number of commercial and industrial Fire Safety Inspections conducted
- Number of Code Enforcement and Fire Prevention inspections/consultations

Inputs:

- Dedicated staff position, Deputy Fire Chief, to serve as the Fire Prevention Officer
- Partnerships with Saco Schools to conduct Fire Safety Education Programs
- Partnerships with Saco elderly housing to conduct Fire Safety Education Programs
- Fire Safety Inspections conducted by on-duty shifts
- Partnerships with local businesses and industry



Saco Fire Department Programs

Operations: Fire Prevention

Loss Reduction & Public Safety Education Continued

Public Safety Education Continued

Fire Investigation (Continued)

Outputs:

In FY 2016, the Saco Fire Department performed, participated or sponsored Fire Prevention and Fire Codes Enforcement activities as follows:

FY 2016 Fire Prevention and Fire Codes Enforcement Activities	
Number of Activities	Description of Activity
113	Site Inspections
58	Plans Reviews for Code and Ordinance Compliance
6	Inspections, Consultations and related correspondence concerning installations of various Heating Appliances including Wood Burning Stoves, Fire-places, Pellet Burning Stoves, LP Gas and Oil Heating appliances and systems
5	Inspections and Code Compliance Consultations for residential and commercial Fire Alarm Systems, Automatic Sprinkler Systems, Cisterns, Hydrants and Knox Box installations
2	Inspections of Licensed Day Care, After Care, and Adult Day Care Facilities
8	Complaint Investigations
61	Code Compliance Consultations
455	Total Fire Safety Inspections
58	Inspections of Commercial Victualer's premises
13	Inspections of Multi-Family Dwellings
5	Inspections of Nursing Homes
5	Inspections of Transitional Housing Facilities
42	Inspections of Public and Private Educational Facilities
185	Violations of Codes noted
75	Violations of Codes Corrections and Re-Inspections
263	Public Education and Citizen Participation Activities (see page 39)



Saco Fire Department Training

Training and Education

A critical part of ongoing practices, the Fire Department considers general and specialized training as of paramount importance for the preparedness and professionalism of all staff. Training encompasses fire fighting and public safety techniques, preparedness of the individual, coordination of the various teams and proper planning for anticipated, unanticipated, as well as extraordinary tasks and challenges. All members of the Career and Call Departments (including Firefighters, Officers, Deputy Chiefs and the Fire Chief) participate in our training sessions and are required to participate in a minimum of training subjects.

Training Topic for July, 2015: Annual Confined Space Technician Training

Training Description: This 8-hour annual mandatory refresher is completed through a combination of classroom lecture and various simulated hands-on incident scenarios. The purpose of this training is to simulate rescue techniques in a confined space environment.

Training Location: Fiber Materials Inc. Biddeford

Equipment Utilized: Personal Protective Equipment (helmets, gloves, and eye protection), ropes, harnesses, tripods, stokes basket, atmospheric monitoring devices, and various medical equipment (backboards, bandages, oxygen, and securing straps)

Attendance: All career members of Saco Fire Department

Training Authority: OSHA 29 CFR 1910.14: Confined Space Entry



Training Topic for September 2015: Vehicle Stabilization

Training Description: This is a joint training between the Saco and Biddeford Fire departments. This course provides basic and advanced hands-on training for fire and rescue personnel in vehicle stabilization.

Training Location: Saco Fire Department

Equipment Utilized: Vehicles donated by Kirb Side Auto, Paratech rescue struts, hydraulic spreaders and cutters, personal protective equipment, and various hand tools.

Attendance: All career members of the Saco and Biddeford Fire departments

Training Authority: Department level training





Saco Fire Department Training

Training and Education Continued

Training Topic for October 2015: **Principles of Modern Day Fire Attack**

Training Description: This is an 8-hour interactive training program that educates fire officers on the dangers of modern day fire hazards, and provides guidance on how they can make better decisions on the fireground.

Training Location: Massabesic High School, Waterboro, Maine.

Attendance: Career and Call Department Fire Officers

Training Authority: International Society of Fire Service Instructors



Training Topic for November 2015: **Building Construction**

Training Description: This program discussed modern day building construction and the effects of this construction on the fire service. Topics covered include the hazards of light weight building materials during fire conditions, how to identify building collapse indicators, and extinguishment and tactical priorities.

Training Location: Saco Fire Department

Equipment Utilized: Audio/Visual

Attendance: All members of the Saco and Biddeford Fire departments





Saco Fire Department Training

Training and Education Continued

Training Topic for January 2016: **Topic: Hazardous Materials Operations Refresher**

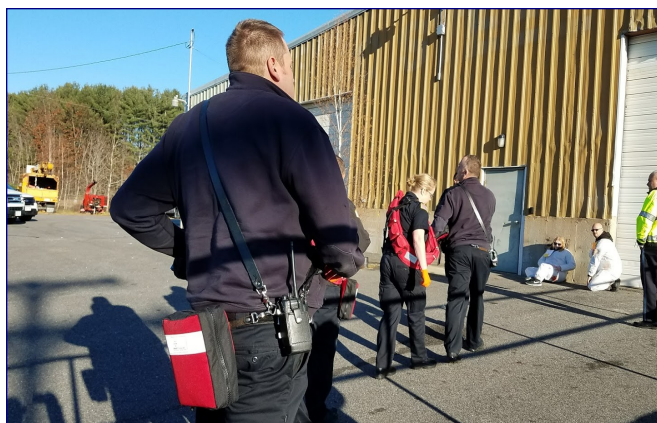
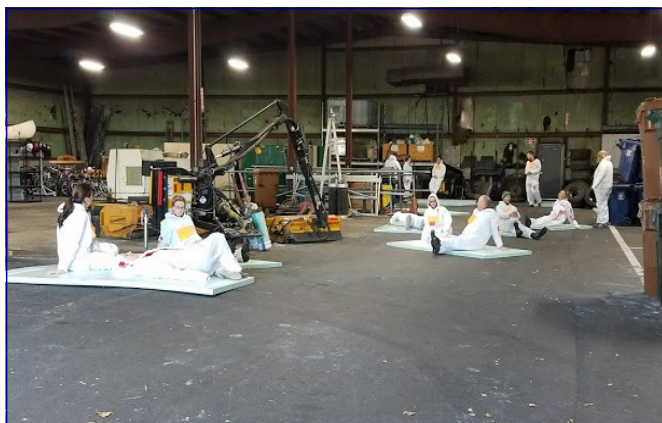
Training Description: This 8-hour annual mandatory refresher covers responses to hazardous material incidents at the operations level. This a combination classroom lecture and hands-on scenario based training, and is a joint training with Biddeford Fire Department.

Training Location: Saco Fire Department

Equipment Utilized: Decontamination equipment (portable showers, catch basins, and tarps), and personal protective equipment.

Attendance: All career members of the Saco Fire Department.

Training Authority: OSHA 29 CFR 1910.120: Hazardous Materials Response



Training Topic for February 2016: **Topic: Ice Rescue Technician Refresher**

Training Description: This annual refresher training prepares rescuers for ice rescue emergencies. This is a joint training with Biddeford Fire Department, and consists of a (1) hour briefing and (2) hour skills session.

Training Location: Saco River

Equipment Utilized: Personal protective equipment, ice rescue sled, and ropes.

Attendance: Career and Call Department Fire Officers

Training Authority: Department level training





Saco Fire Department Training

Training and Education Continued

Training Topic for March 2016: **Topic: Annual Air Management Drill**

Training Description: This annual training focuses on managing your air supply from a Scott air pack. During this training each member completes a course that incorporates walking, climbing stairs, striking a medal sled with a sledge hammer, crawling, and simulating pulling a ceiling while in their full personal turnout gear and wearing a Scott air pack. Once completed a total on-air time used, and a completed number of laps is recorded. This information provides the individual with a time frame they can expect to have while using an air pack performing mild/moderate task level functions on a fire scene. Each member is given a pre/post medical screening by paramedic's on scene. This is a joint training with Biddeford Fire Department.

Training Location: Saco Fire Department

Equipment Utilized: Full turnout gear, assorted hand tools, Keiser sled, and medical monitoring equipment.

Attendance: All career and call members of the Saco Fire Department

Training Authority: Department level training

Training Topic for April 2016: **Topic: Hose Advancement • Search/Rescue**

Training Description: The Saco Fire Department acquired a training building at 339 North Street. Members were able conduct hose advancement, search and rescue, and ventilation evolutions. These are three critical skills that are performed on the fire ground during emergency incidents.

Training location: 339 North Street, Saco.

Equipment Utilized: Fire Apparatus, ground ladders, hose lines, personal protective equipment, power tools, thermal imaging cameras, and hand tools.

Attendance: All members of the Saco Fire Department

Training Authority: Department level training





Saco Fire Department Training

Training and Education Continued

Training Topic for May 2016: Topic: Annual Confined Space Technician Training

Training Description: This 8-hour annual mandatory refresher is completed through a combination of classroom lecture and various simulated hands-on incident scenarios. The purpose of this training is to simulate rescue techniques in a confined space environment.



Training Location: Fiber Materials Inc. Biddeford

Equipment Utilized: Personal Protective Equipment (helmets, gloves, and eye protection), ropes, harnesses, tripods, stokes basket, atmospheric monitoring devices, and various medical equipment (backboards, bandages, oxygen, and securing straps)

Attendance: All career members of Saco Fire Department

Training Authority: OSHA 29 CFR 1910.14: Confined Space Entry

Training Topic for June 2016: Topic: Rope Access Training

Training Description: This training focused on low-angle rescue scenarios and rescue techniques.

Training Location: Clifford Park, Biddeford

Equipment Utilized: Personal protective equipment, ropes, harnesses, hardware, and assorted medical equipment.

Attendance: Members of the Saco and Biddeford Fire departments.

Training Authority: Department level training

Crew Level Trainings:

In addition to the above described department level trainings, monthly crew level trainings were conducted. Crew level training topics included:

- Apparatus pumping
- Rural Water Supply
- Drafting
- Hose applications and advancement
- Master Streams
- Forcible Entry
- Boat Skipper qualification

Saco Fire Department Strategic Initiatives



The following strategic initiatives form the foundation for the Saco Fire Department Strategic Plan:

- Analyze and modify the EMS Delivery and Deployment model to meet current and future service delivery requirements.
- Analyze and modify the Fire Officer Staffing model, Line and Staff Officers, to meet current and future service delivery needs
- Develop a comprehensive approach to Fire Prevention and Public Fire Safety Education related to fire department response and service delivery
- Enhance the training system and programs to meet information, knowledge, skills, and overall behavior and performance requirements of the members.
- Create and implement a formula that provides for growth of line and support staff that meets the needs of the organization.
- Create and implement a personnel and officer development program that addresses recruitment, leadership, comprehensive wellness and welfare, mentoring, and defines the value system of the Saco Fire Department.
- Improve internal communications between labor, management, and the general membership
- Develop a data management collection and information system that supports service delivery, training, and administration throughout the organization
- In cooperation with regional and state-wide public safety partners, develop a plan that provides for interoperability between public safety agencies including communications, command, equipment, procedures, relationships, and the response to natural and human-caused disasters.





Saco Fire Department Budget

Fiscal Year 2016

July 1, 2015 to June 30, 2016

PERSONNEL EXPENSES	Appropriations	Expenditures
DEPARTMENT HEAD WAGES	\$95,974	\$97,389
SUPERVISORY WAGES	\$157,178	\$161,729
COURT OFFICERS/CLERICAL WAGES	\$43,497	\$44,245
FIREFIGHTER/EMT WAGES	\$1,716,229	\$1,703,085
CALL BOX INCENTIVES	\$8,000	\$8,000
CALL DIVISION	\$85,291	\$72,916
OVERTIME	\$270,795	\$270,192
Subtotal Fire/Ambulance Personnel Expenses	\$2,376,964	\$2,357,556
FIRE/AMBULANCE OPERATING EXPENSES		
OFFICE SUPPLIES	\$1,500	\$798
GENERAL SUPPLIES (AMBULANCE SUPPLIES)	\$25,000	\$26,009
COMPUTER SUPPLIES	\$1,500	\$1,578
CLEANING SUPPLIES	\$3,200	\$3,087
HEATING FUEL	\$11,000	\$4,284
MINOR EQUIPMENT	\$53,000	\$46,017
GAS & OIL	\$33,000	\$32,355
CITY VEHICLE REPAIRS	\$42,000	\$49,313
TUITION / TRAINING	\$25,000	\$19,391
UNIFORMS/SAFETY EQUIPMENT	\$30,740	\$28,722
CLOTHING/BOOT ALLOWANCE	\$17,500	\$14,587
DUES & MEMBERSHIPS	\$2,500	\$2,170
LAUNDRY SERVICE	\$800	\$718
BOOKS & MANUALS	\$1,500	\$1,879
ELECTRICITY	\$25,000	\$34,804
WATER & SEWER	\$2,998	\$2,696
TELEPHONE	\$11,000	\$10,261
POSTAGE	\$500	\$364
TRAVEL	\$3,000	\$3,253
PRINTING	\$500	\$458
MEAL ALLOWANCE	\$1,000	\$902
FURNITURE & FIXTURES	\$6,000	\$1,656
BUILDING REPAIRS & MAINTENANCE	\$15,000	\$15,839
REPAIRS/MAINTENANCE	\$2,500	\$2,694
ELECTRONIC EQUIPMENT REPAIR	\$3,450	\$2,881
CONTRACTED SERVICES	\$33,000	\$34,626
FIRE PREVENTION	\$1,500	\$1,198
FIRE INVESTIGATION	\$450	\$60
DRY HYDRANT	\$500	\$0
CAPITAL IMPROVEMENT PROJECTS	\$24,000	\$18,671
Subtotal Fire/Ambulance Operating Expenses	\$378,638	\$361,271
PUBLIC WATER EXPENSES		
PUBLIC WATER EXPENSES	\$256,419	\$281,385
TOTAL FIRE/AMBULANCE FISCAL YEAR 2016 BUDGET	\$3,012,021	\$3,000,212