



CENTRAL FIRE STATION
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Saco Fire Department

Annual Report
July 1, 2014 — June 30, 2015



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Introduction

On behalf of the members of the Saco Fire Department, it is my distinct privilege to submit our Annual Report for the Fiscal Year (FY) 2015: July 1, 2014 through June 30, 2015.

The following is a summary of activities of the Saco Fire Department for FY 2015:

The Department responded to 3,527 calls for service during the period. This represents an increase of 248 in total calls volume over FY 2014.

There were 2,801 calls requesting Emergency Medical Services (EMS) to which our Ambulance Units responded; 79.4% of our total call volume. Additionally, our Ambulance Units and EMS personnel were called to 100 fire and safety incidents, for a total of 2,901 Medical Rescue runs in FY 2015. Southern Maine Medical Center in Biddeford is our primary hospital of destination accounting for 1709 transports or 58.91% of the total. 90.27% of our calls originate in Saco; the remaining percentage are calls for which we provide mutual aid to our neighboring towns.

During FY 2015, our Department responded to 9 building fires in Saco and assisted neighboring communities at 36 building fires as a part of our automatic mutual aid agreements. Beyond structural firefighting and EMS responses, the public relies on the Saco Fire Department to provide emergency services for a wide range of call types. These significant calls include 177 motor vehicle accidents; 11 ocean and inland waters emergencies; 51 brush, grass, woods and outside fires; 12 fire emergencies involving heating appliances including chimney fires; 36 incidents as a result of carbon monoxide detector activations; 23 incidents directly related to cooking fires and 34 incidents involving Hazardous Materials and fuel spills.

Beyond answering emergency calls, we prepare ourselves for the challenges we face through a comprehensive training program that meets or exceeds national standards established for both fire and EMS service. Countless hours are also spent in Fire Prevention and Code Enforcement inspections as well as Public Fire Safety Education activities.

On April 18, 2015, with the launching of Marine 5 a multi-mission rescue response craft, the Saco Fire Department once again began providing marine fire/rescue services on the Saco River and out into Saco Bay. During the period of time from April 18th to June 30, 2015, Saco Fire Department Marine 5 responded to 10 emergency incidents. Four (4) of those incidents were classified as rescues in which emergency medical services were provided and persons were removed from harm's way. Additionally, Marine 5 and the Department participated in 3 searches, responded to 1 fire along the Saco River bank and responded on two marine service distress calls.

The Saco Fire Department, through its highly trained and dedicated employees, strives to deliver the highest quality fire protection and emergency medical services in the most cost effective manner through quality fire prevention, suppression and emergency medical services delivery, with the utmost regard for the safety of its citizens, visitors and employees. We are very grateful for the continued support from our community, city administration, other city departments and elected officials; without your support, meeting our mission would not be possible.

Respectfully submitted,

John L. Duross

John L. Duross
Fire Chief, City of 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. We owe Chief Smith our sincere thanks and appreciation for his diligence and guidance as Chief and 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.

Fire Department History (continued)



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 \$230,000 enterprise burned to the ground.

In 1834, a group of townspeople 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", for \$1400 and 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.

In August of 1864, a new fire fighting steam engine was purchased and named the "Saco". 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.

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

Fire Department History (continued)



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. In 1939, Saco organized and conducted its First Aid Training School under the auspices of the Fire Department. By 1950, the year round population of Saco was 10,324. 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.

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.

By 1910, the City had a Camp Ellis Fire Station in response to numerous fires in the area and considerable housing and commercial development. In 1947, the Camp Ellis Fire Station was formally constructed. In 1993, the current Camp Ellis Station was completed to house two emergency vehicle bays and the original Camp Ellis station of 1947, was closed.

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 served the area beginning in 1958.

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 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 a new Central Fire Station on North Street.



Fire Department Staffing



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, 6 Fire/Police on-call members, one administrative staff person and three on-call civilian staff. 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 Newsletter, Print & Media Editor. 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. Our Medical Director provides the EMS Division with guidance on training, EMS protocol compliance and Quality Assurance & Quality Improvement. The focus of the Department Chaplain is centered around providing support services to our department, our membership and to those we serve. Our Newsletter, Print & Media Editor assists in the production of our Department publications.

Future Staffing Needs

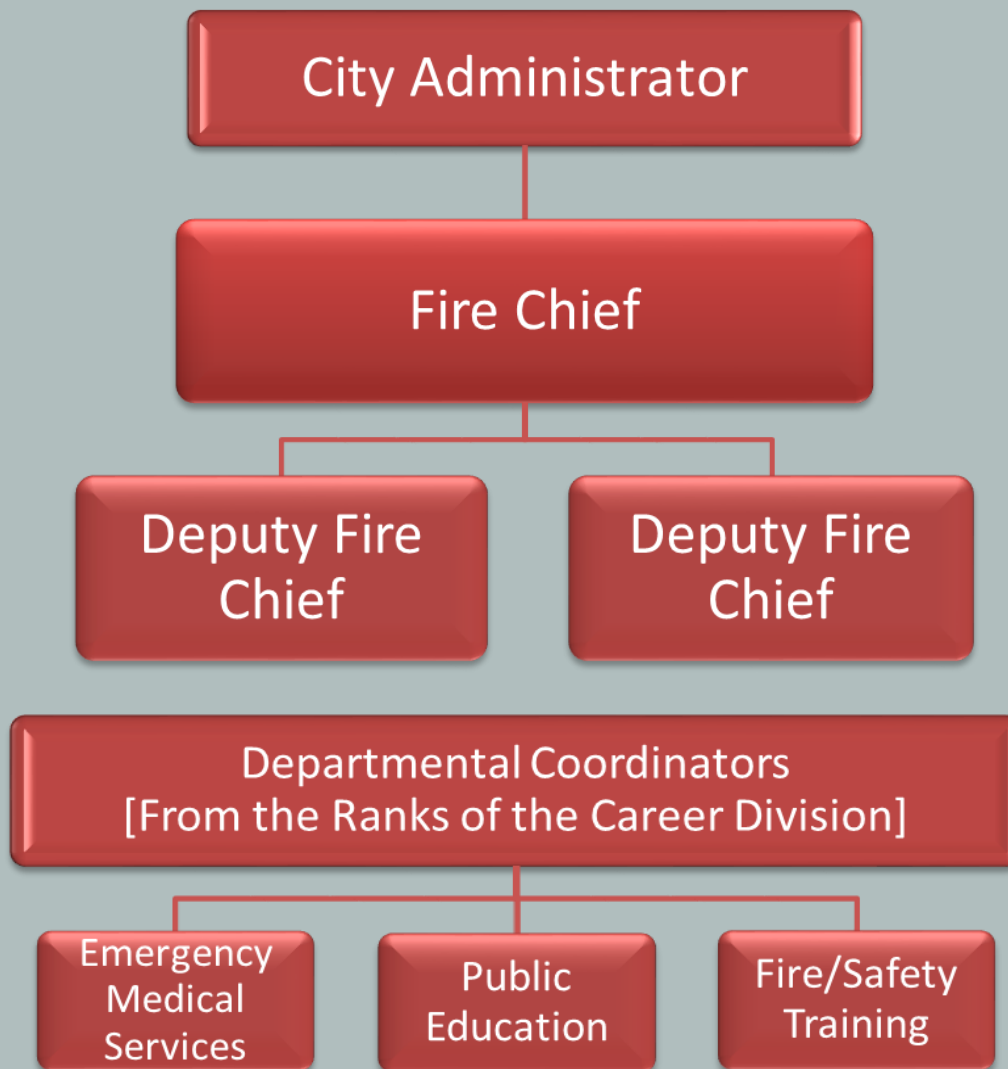
The Fire Department has diligently labored over the years to balance the need to grow the organization to meet the increasing demands for service against the fiscal constraints faced by the community. The requirements for managed growth of the organization are based upon a number of factors: overall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

Planning for growth is on-going: 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.

30-year History of Managed Growth

Emergency Calls and Apparatus	Annual	Annual	Annual	Annual	FY 2005	FY 2010	FY 2014	FY 2015
Number of Fire Calls	634	316	990	1667	625	595	608	726
Number of Ambulance Calls	1084	1552	1713	1885	2006	2288	2621	2801
Number of Fire Stations	3	3	3	3	3	3	3	3
Number of Fire Engines	5	5	6	6	5	5	5	5
Number of Ambulances	1	2	2	2	2	2	3	3
Staff	1985	1990	1995	2000	2005	2010	2014	2015
Career Chief Officers	4	3	3	3	3	3	3	3
Career Fire Captains	3	4	4	4	4	4	4	4
Career Fire Lieutenants	0	0	0	0	4	4	4	4
Career Firefighters	12	16	16	16	24	24	24	24
Number of Shifts	3	4	4	4	4	4	4	4
Average Weekly Work Hours	56	42	42	42	42	42	42	42
Call Division Firefighters	30	30	30	34	34	39	40	40
Fire/Police On-Call Members	0	0	0	4	2	2	6	6
Civilian Administrative Staff	0	1	1	1	1	1	1	1
Civilian On-Call Support Staff	0	0	0	1	1	1	3	3

Saco Fire Department Organizational Chart



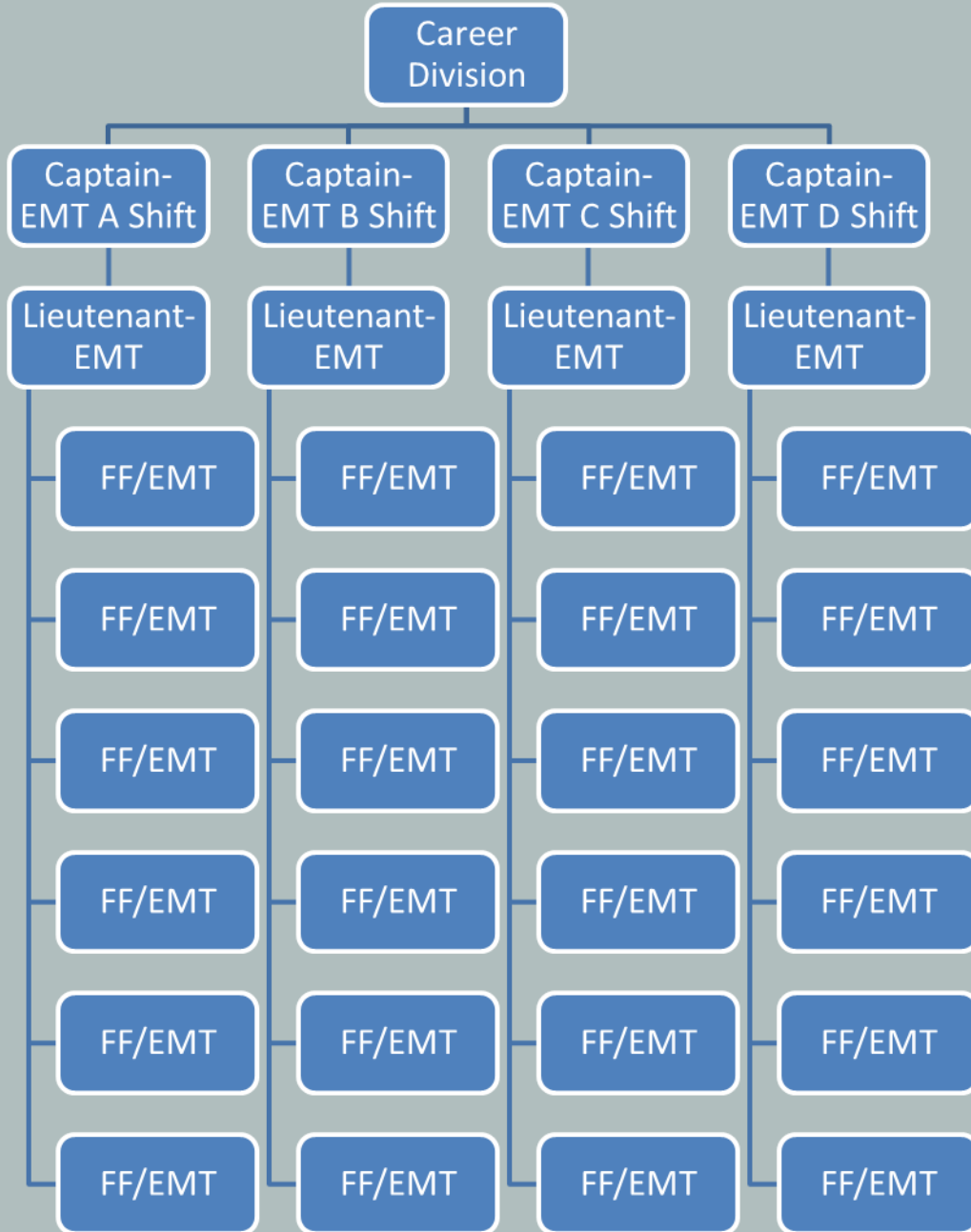
Career Division is located on page 6

Call Division is located on page 7

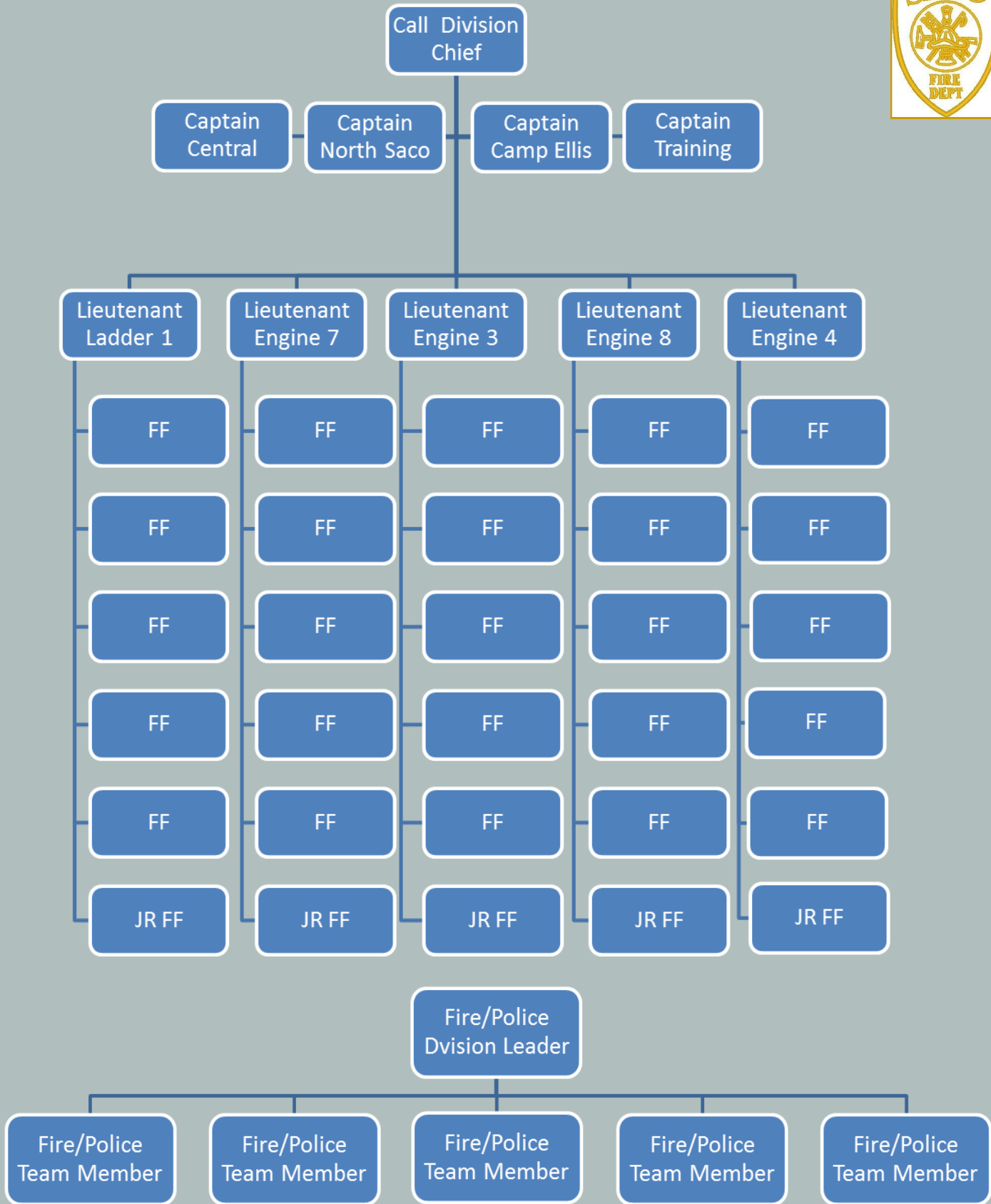
Fire/Police Division is located on page 7

- ### All Divisions Support Staff
- ◆ Administrative Assistant
 - ◆ Medical Director
 - ◆ Department Chaplain (Member of Call Division)
 - ◆ Fire Ground Support Aide (Member of Call Division)
 - ◆ Editor — Newsletter, Print & Media (Member of Call Division)

Career Division Organizational Chart



Call Division and Fire/Police Division Organizational Charts



Fiscal Year 2015 Staffing

Roster of Department Staff as of June 30, 2015



<u>Last Name</u>	<u>First Name</u>	<u>Rank and Title</u>	<u>Assigned Division</u>	<u>Initial Year of Service</u>
****	****	*****	****	****
Balog	Cameron	FireFighter	Call Division	2014
Beaulieu	Armand	FireFighter/EMT	Career	1994
Beaulieu	Jerry	Lieutenant/Paramedic	Career	1999
Binette	Nancy	Administrative Assistant	Career	1986
Bouchard	Thomas	Fire/Police Member	Call Division	2013
Boucher	Brian	Captain	Call Division	1988
Boucouvalas	Steven	Lieutenant	Call Division	1977
Broder	Samuel	Firefighter	Call Division	2014
Briggs	Sarai	FireFighter/Paramedic	Career	2009
Brock	Stephen	FireFighter/Paramedic	Career	2002
Carroll	Joseph	Lieutenant/Paramedic	Career	2001
Cassamassa	Thomas	FireFighter	Call Division	1978
Cassamassa	Tyler	FireFighter	Call Division	2007
Chapman	Nathaniel	FireFighter/EMT	Call Division	2011
Chicoine	Brad	FireFighter/Paramedic/EMS Coordinator	Career	2006
Coniaris	Dean	FireFighter	Call Division	1978
Cooper	Joseph	Captain	Call Division	1998
Cote	John	Lieutenant	Call Division	1996
Crowley	Kevin	FireFighter	Call Division	2011
Cyr	Matthew	FireFighter/Paramedic	Call Division	2010
Demers	Joseph	Junior FireFighter	Call Division	2012
Detweiler	Kaitlin	FireFighter/Paramedic	Career	2013
Dugas	Patrick	FireFighter/Paramedic	Career	2012
Duquette	Mark	Junior FireFighter	Call Division	2014
Duross	John	Fire Chief	Career	1977
Duross	Mathiew	Captain/Paramedic	Call Division	1997

Fiscal Year 2015 Staffing



Roster of Department Staff as of June 30, 2015

<u>Last Name</u>	<u>First Name</u>	<u>Rank and Title</u>	<u>Assigned Division</u>	<u>Initial Year of Service</u>
****	****	*****	****	****
Ferrante	Joseph	FireFighter	Call Division	2012
Finley	Karl	FireFighter/Paramedic/Public Education Coordinator	Career	2003
Gagne	Kyle	FireFighter/Paramedic	Career	2001
Gallant	Thomas	FireFighter	Call Division	2013
Gardner	Jason	Fire/Police Member	Call Division	2013
Hamel	David	Lieutenant/Paramedic/Training Coordinator	Career	2003
Hanson	Wayne	Lieutenant/EMT	Career	1977
Jacques	Kevin	Chaplain	Call Division	1998
Jerome	Benjamin	FireFighter/EMT	Career	1989
Kelley	Mark	FireFighter/EMT	Career	1990
Kerner	Stephen	FireFighter/EMT	Career	1985
King	Jared	Junior FireFighter	Call Division	2014
Lane	Eric	FireFighter/Paramedic	Career	2008
Langerman	Brian	FireFighter/Paramedic	Career	2003
Langevin	Thomas	FireFighter/Paramedic	Career	1994
Lee	Frank	FireFighter/Paramedic	Career	2013
Legendre	Raynald	Division Fire Chief	Call Division	1976
Lord	Jason	FireFighter/EMT	Career	2013
Madore	William	Captain/EMT	Career	1990
Madore	Adam	FireFighter	Call Division	2008
Martel	Michelle	FireFighter	Call Division	2010
Martin	Robert	Deputy Fire Chief	Career	1988
Martin	Marc	FireFighter/Paramedic	Career	2006
Martin	Mary	Junior FireFighter	Call Division	2011
Mercier	Steven	FireFighter/EMT	Career	1993
Meserve	Marc	Lieutenant	Call Division	1982
Mitchell	Heather	FireFighter	Call Division	2014
Moore	Terrance	FireFighter	Call Division	2011

Fiscal Year 2015 Staffing



Roster of Department Staff as of June 30, 2015

<u>Last Name</u>	<u>First Name</u>	<u>Rank and Title</u>	<u>Assigned Division</u>	<u>Initial Year of Service</u>
****	****	*****	****	****
Nason	Trevor	FireFighter/EMT	Call Division	2012
Paquette	Marc	Captain/EMT	Career	1980
Parke	Steven	Lieutenant	Call Division	2006
Pelletier	Vincent	Captain/Paramedic	Career	1992
Pendleton	David	Deputy Fire Chief	Career	1977
Pendleton	Kenneth	FireFighter/EMT	Career	1975
Pendleton	Shawn	Lieutenant	Call Division	2009
Peters	David	FireFighter/EMT	Career	1989
Raby	John	Captain	Call Division	2006
Roughan	Tom	Editor, Newsletter & Media	Call Division	2014
Sarto	Patrick	FireFighter/Paramedic	Career	2010
Schmitz	Michael	Medical Director	Call Division	2010
Sparks	Ernest	Fire/Police Member	Fire/Police	2014
St. Onge	Christopher	FireFighter	Call Division	2010
Sousa	Samantha	Junior FireFighter	Call Division	2014
Stuart	Keith	FireFighter/Paramedic	Career	2010
Taylor	Damion	FireFighter/EMT	Call Division	2012
Tobin	Jack	Junior FireFighter	Call Division	2014
Trask	Tucker	Junior FireFighter	Call Division	2013
Tremblay	Michael	Captain	Call Division	1978
Walker	Scott	FireFighter/Paramedic	Career	1999
West	Christopher	Captain/Paramedic	Career	2000
Whitten	Clifton	FireFighter/Paramedic	Career	2010
Willett	Keith	Captain/EMT	Call Division	2000

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Fiscal Year 2015 Staffing Special Recognitions



The Saco Fire Department recognizes members who achieved significant length of service milestones, retired or joined our Armed Forces and those comrades that passed during FY 2015. Our grateful thanks for their countless hours of dedicated service to the City, the Department and to the Citizens that we serve.

FireFighter/EMT Kenneth Pendleton reached 40 years of distinguished service with the Fire Department.

FireFighter Arthur Prentiss retired after over 50 years of service to the Department serving as a Call Firefighter and, more recently, as a member of the Fire/Police of our Call Division.

FireFighter Kathleen Lord left as a member of the Call Division to enlist in the U. S. Coast Guard.

FireFighter Melanie Jutras left as a member of the Call Division to enlist in the U. S. Navy.

FireFighter Nathan Cross left as a member of the Call Division to enlist in the U. S. Coast Guard.

And a Welcome to our new members:

Aaron Flynn — Call Division FireFighter

Cameron Balog — Call Division FireFighter II/Paramedic

Jared King — Call Division FireFighter

Heather Mitchell — Call Division FireFighter

Jack Tobin — Call Division FireFighter

Melanie Jutras—Call Division FireFighter

Marc Duquette — Call Division FireFighter

Samantha Sousa — Call Division FireFighter

Sam Broder — Call Division FireFighter



In Memoriam,

We remember Michael S. Prowley, a member of our Call Division

Fiscal year 2015 Community Participation

Department Professional Staff, Career Division, Call Division and Fire/Police Division members are community focused for the benefit of our City and surrounding communities, often providing their personal off-duty time to support the efforts of charitable and philanthropic organizations.



Members of the Saco Fire Department, Deputy Chief David Pendleton, Deputy Chief Robert Martin and Firefighter/Paramedic Marc Martin, along with other runners who participated in the Urban Runoff 5K Road Race.



The Saco Fire Department participated in the Wounded Warrior's Motorcycle Benefit ride that was held in Old Orchard Beach during August. At left is a photo of our Ferrara ladder truck holding Old Glory above the ride route.

The Saco Fire Department along with members of the Saco Police Department and the police department Explorer Post participated in a benefit car wash to help support Caring Unlimited which is an advocacy support organization for women who have been the victims of domestic violence.



The Wounded Warriors Fishing for Freedom Event was attended by Saco's Marine 5 which provided a water salute to the wounded warriors upon their return to port.

Sam's Club Hometown Hero Program Breakfast.....the Sam's Club Hometown Heroes Program came to Saco in the form of preparing a breakfast for our public safety personnel. The breakfast banquet was held at the Central Fire Station and was attended by members of the Fire Department and Police Department.

During the Christmas holiday season, Firefighter Sarai Briggs helped organize our Salvation Army Giving Tree which could be found in the public lobby of our Central Fire Station and our Adopt-A-Family-for-Christmas charity. Over 75 gifts were donated. The Adopt-A-Family donation of gifts to a deserving family chosen by the Salvation Army was made by the Saco Firefighters.



Fire Department Public Safety Facilities

The Saco Fire Department operates and functions out of three fire stations.

The Central Fire Station, located at 271 North Street, was constructed in 2011. Staffed 24 hours a day by on-duty members, Central Station is also the home of the administrative office of the Department and 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 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.



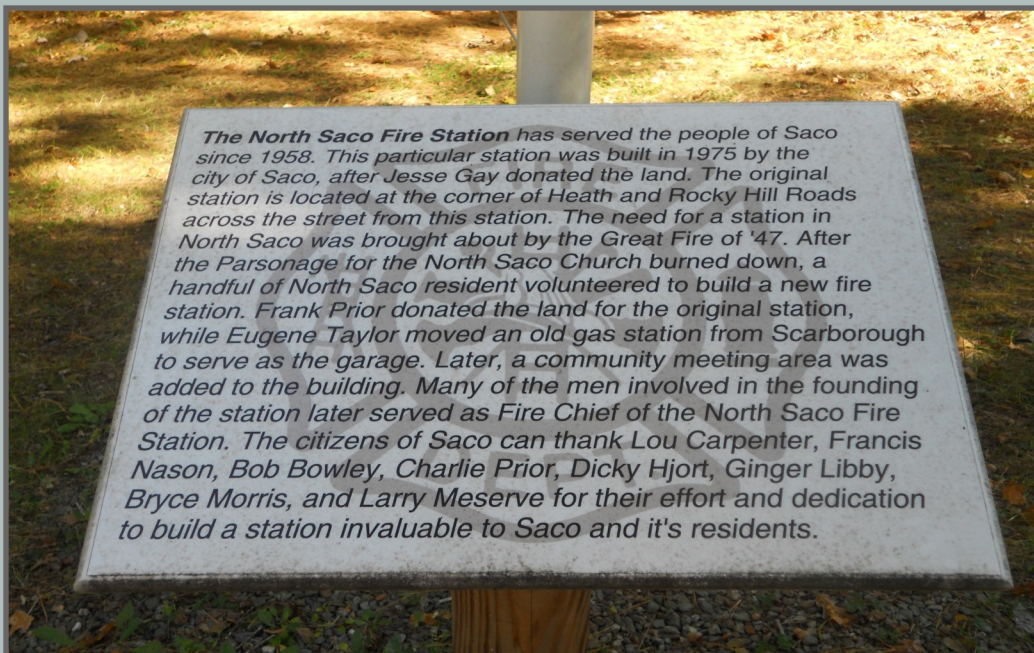
Fire Department Public Safety Facilities

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 Fire 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.



Fire Department Apparatus & Equipment

Fire Department 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 and ashore.

Each of our sub-stations, the North Saco Fire Station and the Camp Ellis Fire Station, houses 1 fire engine that is operated by members of the Call Division assigned to those stations.

Ladder 1

2002 Ferrara 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 Ferrara 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 and 11 SCBA Units (Self Contained Breathing Apparatus)



Engine 4

1996 Ferrara 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 and 8 SCBA Units (Self Contained Breathing Apparatus)



Fire Department Apparatus & Equipment

Fire Department Motorized Apparatus

Engine 7

2001 Ferrara 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 and 8 SCBA Units and carries our Holmatro Extrication System & vehicle stabilization equipment systems. Engine 7 is primary for accidents & Hazmat responses



Engine 8

1999 Ferrara 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 and 8 SCBA Units (Self Contained Breathing Apparatus) and carries our Code 3 Extrication System



Engine 9

Ford 550 Forestry Truck with a 250-gpm 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 that seats 5 Occupants, holds a 2500 Gallon Tank that supplies a 1250 GPM Pump and carries 2000 feet of Large Diameter Hose



Fire Department Apparatus & Equipment

Fire Department Motorized Apparatus

Rescue 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 is able to carry 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 F150 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 life saving assistance.



All Terrain Utility Vehicle

**2013 Polaris Ranger 6x6 800cc
40 HP motor/ 4-Stroke twin cylinder/760 cc
6 Wheel Drive with high and low gears automatic transmission**

**Ground speed of up to 44 MPH
2,000 pounds towing capacity with a 1,500 pounds total payload capacity
Seating for 3 people (1,551 lbs dry weight)
2,000 lb. rated Front Mount Winch**

Includes a Kimtek Supermax Transport Skid Unit with a Darley-Davey® Two Stage High Pressure Twin impeller pump powered by a Honda GX 160 4-Stroke engine



An 85 gallon water tank with a 5 gallon Class A foam tank and 100 feet of 3/4 inch booster hose Scotty Foam Eductor and an EMS Rescue transport area with 2- 48" x 1" stainless steel grab rails for mounting a stokes basket or long board

Fire Department Apparatus & Equipment

Fire Department Motorized Apparatus

Marine 5

Commissioned April, 2015

2015 26 foot Modified Cape Ann Skiff with deep V hull

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 hull on aft starboard side lowered and raised by cabling into the water.

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

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



Additional In Service Motorized Apparatus

Rescue 1: 2008 Ford/Braun Type III Advanced Life Support Ambulance

Rescue 2: 2009 Ford/Braun Type III Advanced Life Support Ambulance

Marine 6: 1999 20 ft Avon open hull with 165 Mercruiser Outboard

Service 3: 2005 Ford Pick Up Truck

Car 1: 2010 Ford Expedition

Car 2: 2013 Chevrolet Tahoe

Fire Department Apparatus & Equipment

Fire Department Apparatus

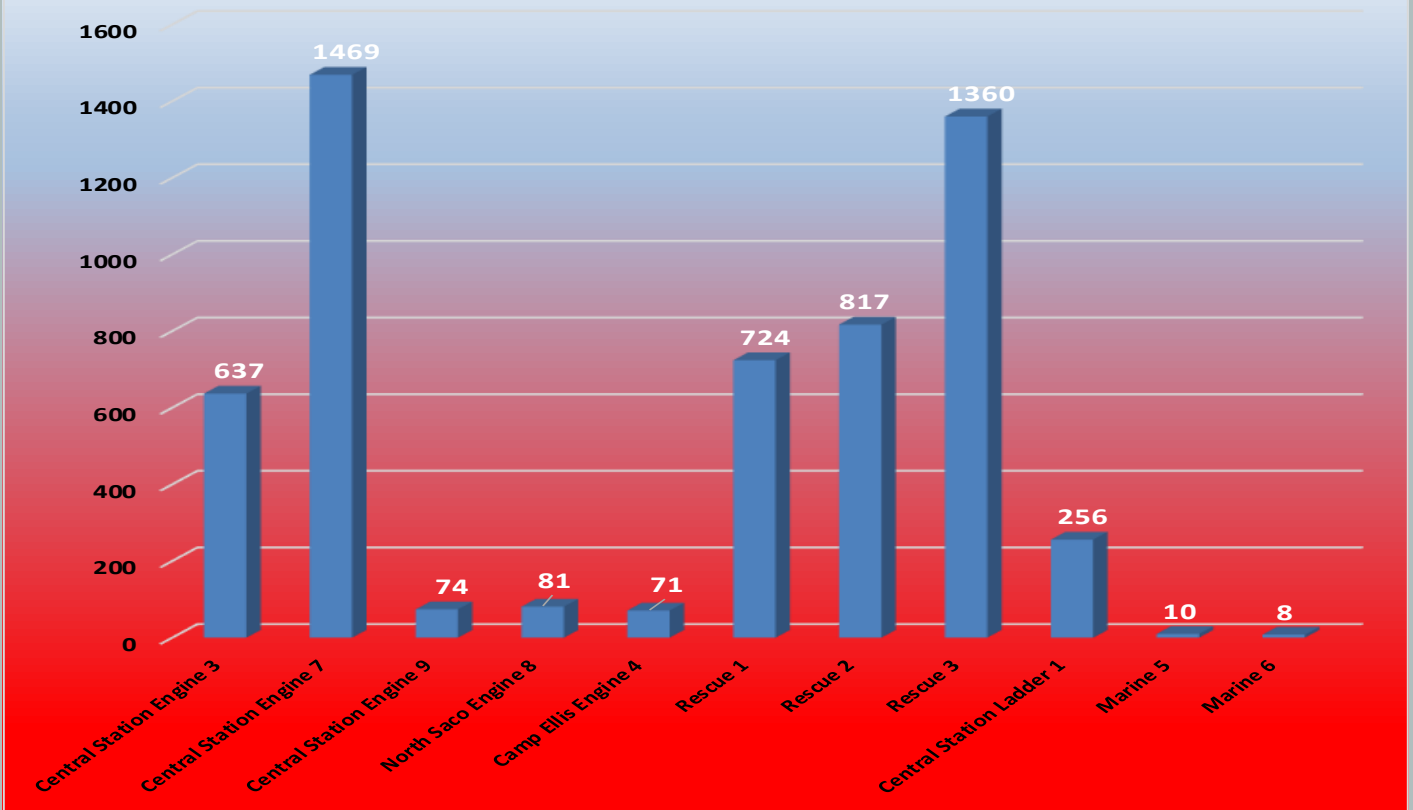
The Saco Fire Department initially dispatches its apparatus, personnel and equipment utilizing the appropriate procedures as are determined by the Public Safety Dispatcher. The Dispatcher immediately undertakes an analysis of a request for safety services and determines the running cards (which stipulate the responding fire companies) protocols in response to the genesis 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 closest to the incident), staffing and resources are required to safely, effectively and efficiently respond to the request.

Alarm levels have been established ranging 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. Such additional emergency needs are often met from our neighboring communities in conjunction with our Mutual Aid Agreements.



Apparatus Responses July 1, 2014 to June 30, 2015

(Saco Computerized Dispatch System Data)



Fire Department Apparatus & Equipment

Capital Equipment: Anticipated 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 truck, ambulance, or specialized equipment. Replacement is based on a number of factors, including but not limited to:

- Life-to-Date maintenance costs exceeding acquisition costs; M:A Ratio
- Requirement to maintain a reliable fleet and equipment to meet the emergency needs of the community
- Technology 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

DPW #	DESCRIPTION	Fire Station	MAKE	YEAR	ESTIMATED LIFE	VIN NUMBER	MILES/ENGINE HOURS	REP. DATE	COND.
413	Rescue 3	Central	Chevrolet /PL Custom	2012	3 Yrs Primary /3 Yrs Secondary / 3 Yrs Reserve	1GB6G5CL6L1184307	47,945 miles / 2507.5 Hours	FY 2022	Good
411	Rescue 1	Central	Ford / Braun	2008	3 Yrs Primary /3 Yrs Secondary / 3 Yrs Reserve	1FDXE45P48DA42684	77,447 Miles / 5,292 Hours	FY 2016	Fair
412	Rescue 2	Central	Ford / Braun	2009	3 Yrs Primary /3 Yrs Secondary / 3 Yrs Reserve	1FDXE45P29DA24833	64,560 Miles / 4221 Hours	FY 2019	Good

DPW #	DESCRIPTION	Fire Station	MAKE	YEAR	ESTIMATED LIFE	VIN NUMBER	MILES/ENGINE HOURS	REP. DATE	COND.
407	Engine 7	Central	HME / Ferrara	2001	15 Years based on heavy call volume	44KFT42861WZ19618	45,538 miles / 7866 Hours	FY 2016	Poor
406	Engine 1	Central	Internat'l / Central States	1993	25 Years as a limited use Tanker/Pumper	1FVXJLCB8PL436084	27,658 Miles / 2056 Hours	FY 2018	Fair
404	Engine 4	Camp Ellis	HME / Ferrara	1996	25 Years - Limited use from Sub-Station	44KFT4281TWZ18346	9,828 Miles / 4,397 Hours	FY 2021	Good
408	Engine 8	North Saco	HME / Ferrara	1999	25 Years - Limited use from Sub-Station	44KFT4283YWZ19179	11,309 Miles / 4,555 Hours	FY 2024	Good
401	Ladder 1	Central	Ferrara Custom Chasis	2003	25 Years	1F95075312H140180	31,503 Miles / 3655 Hours	FY 2027	Excellent
403	Engine 3	Central	Ferrara Custom Chasis	2007	15+ Years based on current usage/assignment	1F94042227H140458	35,093 Miles / 2757 Hours	FY 2030	Excellent

DPW #	DESCRIPTION	Fire Station	MAKE	YEAR	ESTIMATED LIFE	VIN NUMBER	MILES/ENGINE HOURS	REP. DATE	COND.
424	Car - 2	Central	Chevrolet Tahoe	2013	9 Years Command Car / 3 years Service Unit	1GCEK19B05E126752	1,294 Miles	FY2026	Excellent
423	Service 3	Central	Ford Pick Up	2005	9 Years Command Car / 3 years Service Unit	1FTRX14W85NA51070	67,260 Miles	FY 2017	Fair
422	Service 2	Central	Chevrolet Pick Up	2007	9 Years Command Car / 3 years Service Unit	1GCEK19B17Z130529	58,357	FY 2020	Good
421	Car - 1	Central	Ford Expedition	2010	9 Years Command Car / 3 years Service Unit	1FMJU1G50AEB54062	35,987 Miles	FY 2023	Excellent
420	Marine 5	CE Pier	Cape Ann Skiff	2015	15 Years Ocean Fire/Rescue Operations	N/A	N/A	FY 2030	Excellent
NA	Marine 6	Central	Avon	1999	20 Years fresh water Fire/Rescue Operations	GBAVB23998L899	N/A	FY 2029	Good
NA	ATUV	Central	Polaris / Kimtek	2012	20 Years	4XADR76A1D4729437	64 Miles / 31.4 Hours	FY 2032	Excellent
409	Engine 9	Central	Ford/Northeast	2005	15 Years	1FDAF57P45EC28012	10,617 Miles / 862.8 Hours	FY 2020	Good

Fire & Safety & EMS Equipment

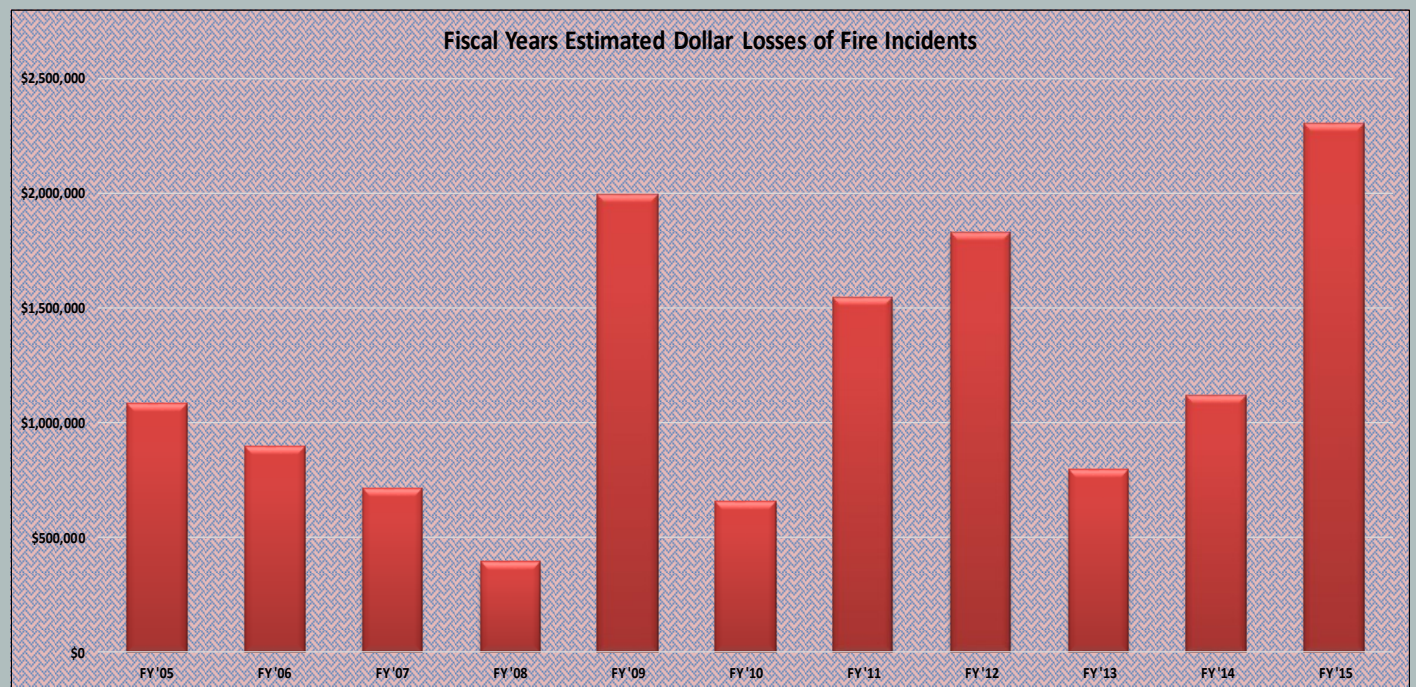
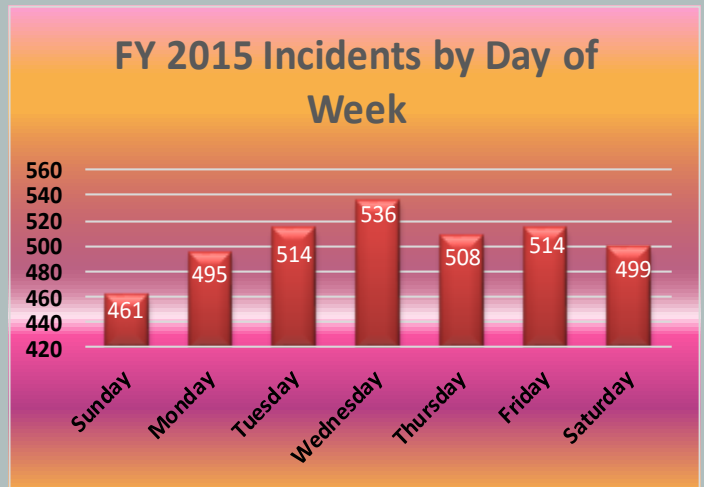
Equipment	Fire Station	Make	Year	Estimated Life	Description	Replacement Date	Cond.
SCBA (65)	All	Scott AP 50	2003	15 Years	Self Contained Breathing Apparatus	FY 2018	Good
Extrication	Central	Holmatro	2002	20 Years	Heavy Duty Auto Extrication Tools	FY 2022	Good
Extrication	Central	Holmatro	2007	20 Years	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	Holmatro	2013	20 Years	Medium Duty Auto Extrication Tools	FY 2034	Excellent
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	2014	10 Years	Ambulance Cot Stretcher	FY 2024	New
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	2014	10 Years	Ambulance Stair Chair Stretcher	FY 2024	New
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	2013	10 Years	Thermal Imaging Camera	FY 2023	Excellent
TIC	Central	Thermal Imaging Camera	2004	10 Years	Bullard Thermal Imaging Camera	FY 2017	Good
Floor Machine	Central	Advance	2011	10 Years	Apparatus Floor Cleaning	FY 2021	Good
CO Monitors	Central	RAD 57	2015	10 Years	RAD 57 Carbon Monoxide Monitoring	FY 2016	New
Responders Protection	Central	Port-a-Count	2006	10 Years	Porta Count Quantitative Fit Test Equip.	FY 2017	Poor

Annual 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 '06	FY '07	FY '08	FY '09	FY '10	FY '11	FY '12	FY '13	FY '14	FY '15
Operations - Fire	98	100	90	104	93	88	86	79	103	112
Operations - Emergency Medical Services	2026	2152	2315	2151	2288	2289	2380	2535	2621	2801
Operations - Special Hazards	460	585	454	553	502	447	612	598	555	554
TOTAL	2584	2837	2859	2808	2883	2824	3078	3212	3279	3527

Incident Response Data



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 that we respond to or that take place 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 four Secondary 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.

Program: 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

Program: Operations—Fire Suppression (continued)

Outputs:

- Percentage of 1 -2 family residential structure fires confined to the object or room of origin:
 - In FY 2015, damage from fire was confined to the object or room of origin in 44% of all incidents.
- Percentage of 1 -2 family residential structure fires confined to the floor of structure of origin:
 - In FY 2015 damage from fire was confined to the floor of origin in 22% 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 indicates the success of our Department on this Output for the preceding ten year period:

Percentage of Emergency Fire Calls responded to in five (5) minutes or less

FY '05	FY '06	FY '07	FY '08	FY '09	FY '10	FY '11	FY '12	FY '13	FY '14	FY '15
58.61%	55.63%	55.79%	55.14%	54.14%	58.71%	54.01%	52.41%	58.30%	58.91%	62.89%

Career and Call members Certification Levels at the close of 2015 fiscal year:

- 77% of our Career Division members have achieved State of Maine Firefighter 1 Certification, as have 54% of our Call Division members
- 74% of our Career Division members have achieved State of Maine Firefighter 2 Certification, as have 49% of our Call Division members
- 34% of our Career Firefighters are certified as Fire Instructors, as are 5% of our Call Division members
- 31% of our Career Division members have achieved the Fire Officer Certification level, as have 9% 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

Program: 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:

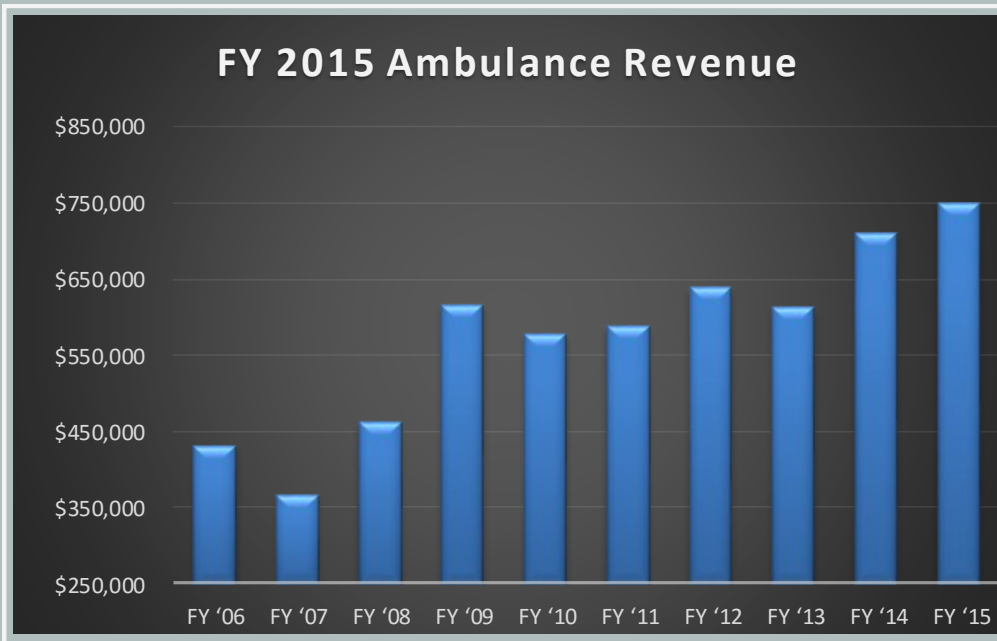
- Percentage of EMS responses in which EMS personnel arrival on scene is within 5 minutes from the time of dispatch: **In FY 2015, 74.04% of EMS responses in which EMS personnel arriving on scene were within 5 minutes of the time of dispatch.**
- Percentage of patients reporting to be having, or presenting symptoms of, a heart attack who are delivered to a hospital with a pulse: **In FY 2015, 92% 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:
 - 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.

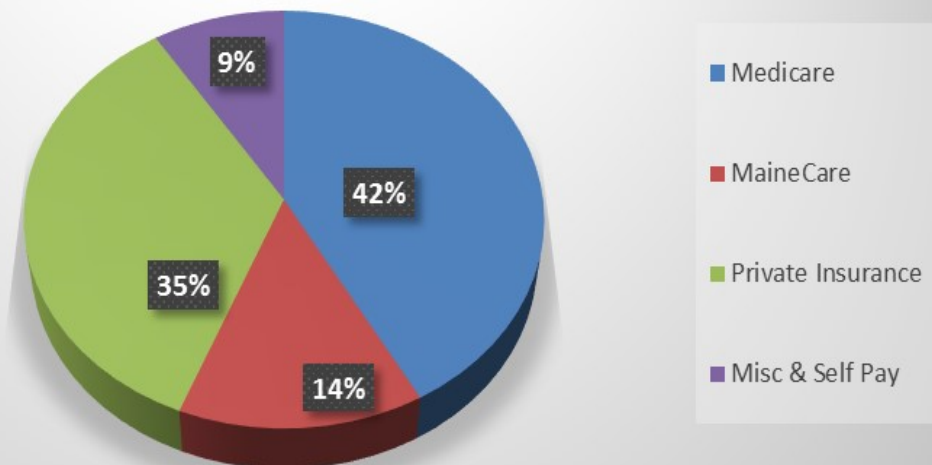
Program: Operations—Emergency Medical Services

- Our career staff is composed of over 63% 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 Revenue	
FY '06	\$431,100
FY '07	\$365,602
FY '08	\$462,027
FY '09	\$616,253
FY '10	\$578,231
FY '11	\$588,904
FY '12	\$637,945
FY '13	\$612,507
FY '14	\$709,322
FY '15	\$751,015

FY 2015 Ambulance Revenue Sources

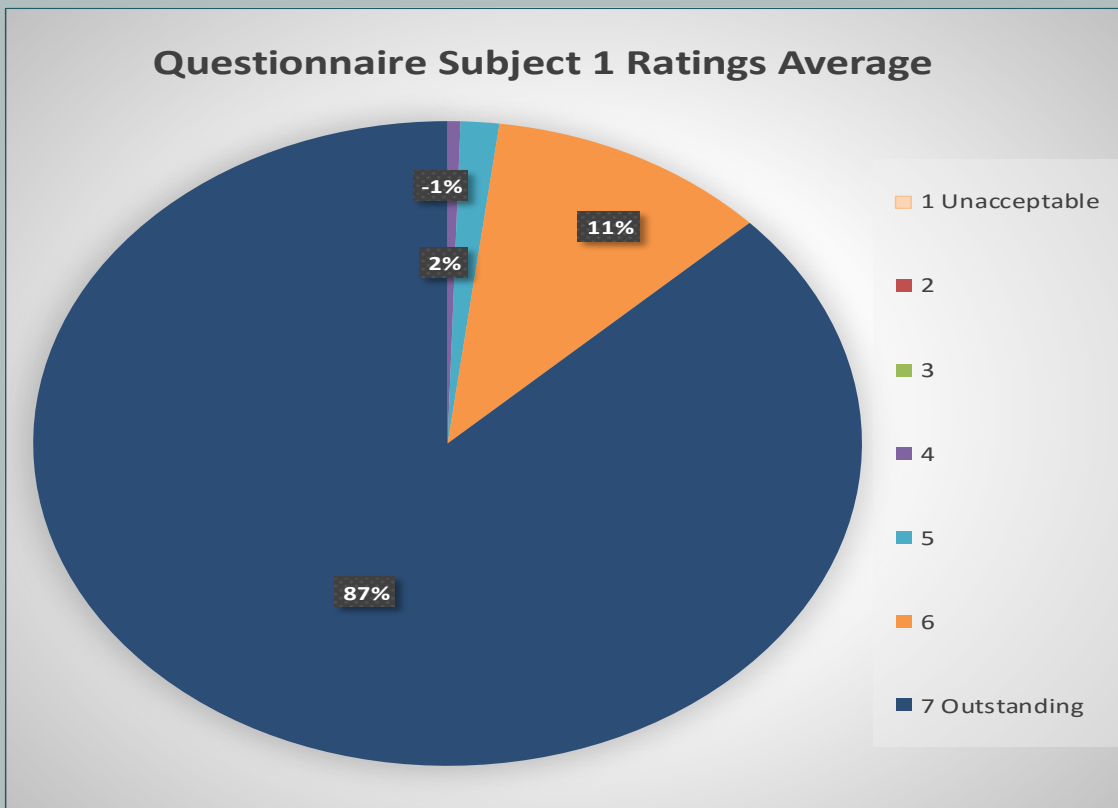


Program: Operations—Emergency Medical Services

Quality Assurance Questionnaire:

The Saco Fire Department continually places considerable emphasis on appraisal of our practices and staff. As a function of the appraisal process, we endeavor to seek the opinion of those whom we serve. One of our methodologies is a Quality Assurance Questionnaire which is provided to randomly selected recipients of our Emergency Medical Services. The Questionnaire results are received and compiled by our EMS Coordinator and reviewed with the Department. The questionnaire requests the respondents to categorize the quality and level of services received. In FY 2015, 178 Questionnaires were mailed to service recipients and 58 (or 33% of the total mailed) were returned to the Department. The Questionnaire results for FY 2015 are:

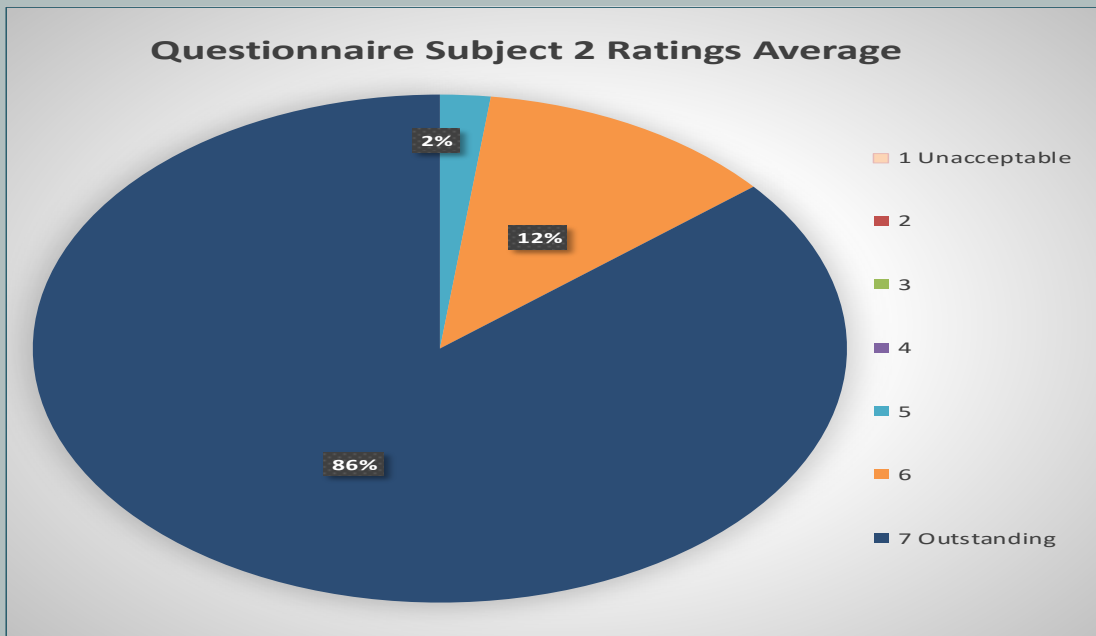
Respondents were requested to indicate a numerical rating							
FY 2015 Questionnaire Subject 1	Percentages of Ratings						
The Service Provided was	Numerical Ratings 7 (Outstanding) to 1 (Unacceptable)						
	7	6	5	4	3	2	1
Response time was timely and reasonable	79%	17%	4%	0%	0%	0%	0%
Professional	90%	10%	0%	0%	0%	0%	0%
Effective	88%	10%	2%	2%	0%	0%	0%
Appropriate	93%	7%	0%	0%	0%	0%	0%
Ratings Average	87.0%	11.0%	1.5%	0.5%	0%	0%	0%



Program: Operations—Emergency Medical Services

Quality Assurance Questionnaire (Continued):

Respondents were requested to indicate a numerical rating							
FY 2015 Questionnaire Subject 2	Percentages of Ratings						
THE PERSONNEL WERE	Numerical Ratings 7 (Outstanding) to 1 (Unacceptable)						
	7	6	5	4	3	2	1
Professional	91%	9%	0%	0%	0%	0%	0%
Helpful	91%	9%	0%	0%	0%	0%	0%
Knowledgeable	86%	14%	0%	0%	0%	0%	0%
Courteous	90%	10%	0%	0%	0%	0%	0%
Reassuring	91%	7%	2%	0%	0%	0%	0%
Professional in appearance	90%	10%	0%	0%	0%	0%	0%
Ratings Average	86%	12%	2%	0%	0%	0%	0%



Respondents were requested to indicate a level of Agreement or Disagreement				
FY 2015 Questionnaire Subject 3	Percentages of Ratings			
OPINIONS OF THE SACO FIRE DEPARTMENT	Rating Levels			
	Strongly Agree	Agree	Disagree	Strongly Disagree
The Saco Fire Department is receptive to citizens concerns	74%	26%	0%	0%
I was comfortable with the actions taken by the Fire Department	88%	12%	0%	0%
The service rendered was appropriate to my call/concern	86%	14%	0%	0%
The Fire Department reflects the values of the community in the kinds of service they render	79%	21%	0%	0%
Ratings Average	81.75%	18.25%	0%	0%

Program: 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/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:

- 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; 37% of our Call Division Firefighters have achieved the Operations Level of Hazardous Materials Certification.
- 7 members of our Department are currently training with a regional response group to provide specialized rescue in High Angle & Low Angle Ropes Rescue, Below Grade/Confined Space, and Swift Water Rescue incidents.

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

Outputs:

In FY15, July 1, 2014 – June 30, 2015, the Saco Fire Department answered a total of 3,527 emergency calls for assistance. During this time period, 554 of those incidents met the Operations – Special Hazards Program criteria and represent 15.7% of our overall call volume.

Program: Fire Prevention—Loss Reduction and 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
- 2) Inspections

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

Program: Fire Prevention—Loss Reduction and Public Safety Education

Fire Prevention and Code Enforcement (continued)

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 bi-monthly newsletter containing pertinent safety, fire, and accident prevention information as well as current Department events and activities.

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.

Program: Fire Prevention—Loss Reduction and Public Safety Education

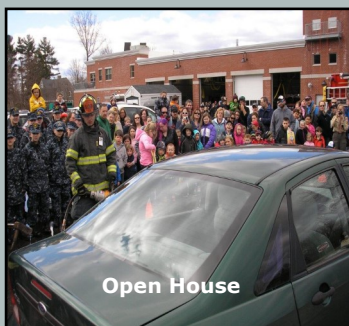
Public Safety Education (continued)

Public Safety Education programs conducted by the Saco Fire Department include:

- Fairfield and Young schools presentations with over 800 students participating
- Presentations at 7 daycare centers with over 70 children participating
- Fire Drill protocol presentations
- Student EMS Ride Along Learning Sessions with over 60 participating students
- Safety presentation for the Cub Scouts with over 45 attendees
- Fire Engine Ride to School program with over 100 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
- 6 Children's car seats inspected and properly installed
- Instructional Classes for Fire Drills • Fire Extinguisher Uses • Hazardous Materials • CPR & AED's
- Annual Fire Department Open House Event with over 500 attendees which offered:



- * Guided Tours of the Central Station Facility
- * Inspection of Fire Engines
- * Inspections of Station Equipment
- * Opportunity to inspect Marine 5
- * Demonstrations of Car Cutting extrications
- * Demonstrations of live Fire Hose use
- * Demonstrations and inspections of SCBA
- * Demonstrations and inspections of Ice Rescue Gear



- * Demonstrations and inspections of 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
- * Attendees experiencing our All 4 Season Life Safety Station
- * Attendees experiencing our training Smoke House
- * Child Games and Prizes were offered

- Annual Central Station Holiday Lighting Event with over 500 individuals in attendance



Program: Fire Prevention—Loss Reduction and Public Safety Education

Public Safety Education

Outputs:

In FY 2015, the Saco Fire Department performed, participated or sponsored Fire Prevention and Loss Reduction and Public Safety Education activities as follows:

FY 2015 Public Education and Citizen Participation Activities

Number of Activities	Description of Activity
12	General Safety Meetings
9	General Public Education Lectures
7	Fire Protection Lectures conducted at daycare facilities
6	Fire Protection Lectures conducted at school facilities
65	Student EMS Ride Along Sessions
13	CPR, AED and First Aid Classes
5	Fire Extinguisher Use Classes
15	Central Station Tours
7	Standby Safety & Participation in local events
9	Life Safety House Demonstrations
1	Annual Open House Event at Central Station
6	Child Car Safety Seat Inspections & Installations
21	Fire Drills
107	Central Station Classroom Utilizations
5	Public Service Utilizations of Fire Department Equipment

Program: Fire Prevention—Loss Reduction and Public Safety Education

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

Program: Fire Prevention—Loss Reduction and Public Safety Education

Fire Investigation (Continued)

Outputs:

In FY 2015, the Saco Fire Department performed, participated or sponsored Fire Prevention and Fire Codes Enforcement activities as follows:

FY 2015 Fire Prevention and Fire Codes Enforcement Activities

Number of Activities	Description of Activity
22	Site Inspections
49	Plans Reviews for Code and Ordinance Compliance
6	Inspections, Consultations and related correspondence concerning installations of various Heating Appliances including Wood Burning Stoves, Fireplaces, Pellet Burning Stoves, LP Gas and Oil Heating appliances and systems
3	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
22	Complaint Investigations
36	Code Compliance Consultations
327	Fire Safety Inspections
66	Inspections of Commercial Victualer's premises
195	Violations of Codes noted
133	Violations of Codes Corrections addressed
218	Public Education and Citizen Participation Activities (see page 38)

Program: Fire Department Training

Training and Education:

A critical part of ongoing practices, the Fire Department considers general and specialized training to be 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 all Firefighters, Officers, Deputy Chiefs and the Fire Chief) participate in our training sessions and are required to participate in a minimum of training subjects.



July 2014: 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

August 2014: 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



Program: Fire Department Training

October, 2014: Topic: Fire Ground Operations

Training Description: This is a joint training between the Saco and Biddeford Fire Departments and focuses on a number of fireground skills, which include fire attack, ventilation, forcible entry, and search and rescue.

Training Location: Sullivan St, Biddeford.

Equipment Utilized: Fire apparatus, various firefighting equipment and personal protective equipment.

Attendance: All members of the Saco and Biddeford Fire Departments

Training Authority: Department level training

November, 2014: Topic: Joint Strategy & Tactics

Training Description: This program was delivered by retired Portland firefighter Dana Asdourian for the members of the Saco and Biddeford Fire Departments. Topics covered included: Fire-ground strategies and tactics, building construction, hose streams, ventilation, and firefighter safety.

Training Location: Saco Fire Department

Equipment Utilized: Audio/Visual

Attendance: All members of the Saco and Biddeford Fire Departments

Training Authority: Department level training

December, 2014: Topic: Gas Metering Training

Training Description: This training focused on identifying and metering for potential harmful gases found in residential/commercial buildings, and hazardous material incidents.

Training Location: Saco Fire Department

Equipment Utilized: Audio/Visual and Gas Meters

Attendance: All members of the Saco Fire Department

Training Authority: Department level training

January, 2015 Topic: Unutil Natural Gas

Training Description: This program was delivered to members of the Saco and Biddeford Fire Departments by a representative from the Unutil Corporation. Topics covered included: Identification of natural gas lines, and emergency response procedures for gas leaks.

Training Location: Saco Fire Department

Equipment Utilized: Audio/Visual

Attendance: Members of the Saco and Biddeford Fire Departments

Training Authority: Department level training



Program: Fire Department Training

February, 2015: Topic: Annual 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 Saco Fire.

Training Authority: OSHA 29 CFR 1910.120: Hazardous Materials Response



February 2015: 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: All career members of Saco Fire.

Training Authority: Department level training



March, 2015: 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

Program: Fire Department Training

April/May/June 2015:

Topic: Marine Training

Training Description: After taking delivery of a 26 foot sea and river rescue vessel a significant amount of time was dedicated to having Saco personnel trained on the new boat. Training was conducted through classroom lecture, and hands-on exercises. Topics included: Operations, navigation, rescue techniques, firefighting exercises, and general maintenance.



Training Location: Saco Fire Department, Saco River, and the Atlantic Ocean

Equipment Utilized: Audio/Visual, mapping, and nautical material

Attendance: All members of the Saco Fire Department

Training Authority: Department level training



Crew Level Training Sessions:

Monthly training sessions and monthly training exercises are continually conducted with Saco Fire Department member crews and include various training subjects:

- Apparatus pumping
- Rural Water Supply
- Drafting
- Hose applications and advancement
- Master Streams
- Forcible Entry
- Maine Cancer Network prevention program
- Bakken Crude Oil Training
- Rapid Intervention Training



Saco Fire Department Strategic Initiatives



These strategic initiatives form the foundation for the 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 Fiscal Year 2015 Budget

Saco Fire Department 2015 Budget and 2015 Expenditures

BUDGET LINE ITEM	APPROPRIATION	EXPENDITURE
FIRE/AMBULANCE - Personnel Expenses		
DEPARTMENT HEAD WAGES	\$95,719.00	\$96,112.19
SUPERVISORY WAGES	\$157,789.00	\$158,737.14
COURT OFFICERS/CLERICAL WAGES	\$43,206	\$43,603.40
FIREFIGHTER/EMT WAGES	\$1,683,221.00	\$1,628,391.40
SAFER GRANT	\$0.00	\$0.00
CALL BOX INCENTIVES	\$8000.00	\$8,000.00
OVERTIME	\$270,795.00	\$328,606.07
CALL DIVISION	\$84,614.00	\$90,413.55
Subtotal of Fire/Ambulance - Personnel Expenses	\$2,343,344.00	\$2,353,863.75
FIRE/AMBULANCE -Operating Expenses		
OFFICE SUPPLIES	\$1,500.00	\$982.61
GENERAL SUPPLIES (AMBULANCE SUPPLIES)	\$25,000.00	\$24,532.12
COMPUTER SUPPLIES	\$1,500.00	\$1,096.14
CLEANING SUPPLIES	\$2,500	\$3,126.39
HEATING FUEL	\$12,000.00	\$15,533.94
MINOR EQUIPMENT	\$53,000.00	\$50,776.24
GAS & OIL	\$35,950	\$41,113.38
CITY VEHICLE REPAIRS	\$38,000.00	\$45,558.70
TUITION / TRAINING	\$25,000.00	\$20,523.19
UNIFORMS/SAFETY EQUIPMENT	\$32,162.56	\$31,232.73
CLOTHING/BOOT ALLOWANCE	\$17,472.49	\$15,676.90
DUES & MEMBERSHIPS	\$3,000.00	\$2,332.00
LAUNDRY SERVICE	\$800.00	\$592.59
BOOKS & MANUALS	\$1,500.00	\$1,564.01
ELECTRICITY	\$25,000.00	\$34,002.11
WATER & SEWER	\$3,000.00	\$3,161.79
TELEPHONE	\$11,000.00	\$11,245.32
POSTAGE	\$1,000.00	\$354.89
COPIER	\$0.00	\$0.00
TRAVEL	\$2,500.00	\$2,894.65
PRINTING	\$500.00	\$483.78
MEAL ALLOWANCE	\$1,000.00	\$1,234.88
FURNITURE & FIXTURES	\$6,000.00	\$3,761.59
BUILDING REPAIRS & MAINTENANCE	\$15,000.00	\$13,219.43
COMPUTER SOFTWARE	\$0.00	\$0.00
MEDICAL	\$0.00	\$0.00
REPAIRS/MAINTENANCE	\$2,500.00	\$2,418.50
ELECTRONIC EQUIPMENT REPAIR	\$3,450.00	\$3,385.49
CONTRACTED SERVICES	\$33,000.00	\$38,463.51
FIRE PREVENTION	\$1,500.00	\$1,384.32
FIRE INVESTIGATION	\$450.00	\$579.82
FIRE ALARM MAINTENANCE	\$0.00	\$0.00
DRY HYDRANT	\$500.00	\$0.00
Subtotal of Fire/Ambulance- Operating Expenses	\$355785.05	\$371,321.02
PUBLIC WATER Expenses		
WATER	\$270,342.00	\$278,528.42
Subtotal of Public Water Expenses	\$270,342.00	\$278,528.42