# 2019 Annual Report Contents

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>3</td>
</tr>
<tr>
<td>Fire Department History</td>
<td>4</td>
</tr>
<tr>
<td>Staff Recognition</td>
<td>5</td>
</tr>
<tr>
<td>Fire Department Organizational Chart</td>
<td>6</td>
</tr>
<tr>
<td>Department Staffing, Apparatus, &amp; Stations</td>
<td>7-12</td>
</tr>
<tr>
<td>Fire Department Operations</td>
<td>13-15</td>
</tr>
<tr>
<td>Fire Department Call Information</td>
<td>16-25</td>
</tr>
<tr>
<td>Overtime breakdown</td>
<td>26</td>
</tr>
<tr>
<td>EMS Revenue</td>
<td>27-33</td>
</tr>
<tr>
<td>Firefighter Call backs/Daily Staffing</td>
<td>34-35</td>
</tr>
<tr>
<td>General EMS/Fire Information</td>
<td>36-38</td>
</tr>
<tr>
<td>NFPA 1710</td>
<td>39</td>
</tr>
<tr>
<td>Fire Prevention/Public Education/Inspections</td>
<td>40-42</td>
</tr>
<tr>
<td>Training/Education/Professional Development</td>
<td>43-45</td>
</tr>
<tr>
<td>Department Committees</td>
<td>46</td>
</tr>
<tr>
<td>Emergency Scene Photos</td>
<td>47</td>
</tr>
<tr>
<td>Department Challenges</td>
<td>48-50</td>
</tr>
<tr>
<td>Insurance Services Office Rating</td>
<td>51</td>
</tr>
<tr>
<td>Department 2020-2021 Goals</td>
<td>52</td>
</tr>
<tr>
<td>Department FY 21 CIP Requests</td>
<td>53</td>
</tr>
</tbody>
</table>
On behalf of the members of the Biddeford Fire Department I am proud and honored to submit our Annual Report for 2019.

The following is a summary of the activities and incidents that the members of our department responded to.

Our department is made up of highly trained and dedicated individuals that work as an effective team delivering exceptional emergency care, emergency response, and public education to the residents and visitors to this community.

Annually, the members of our department respond to more than 5,400 emergency incidents, providing high quality emergency medicine, fire suppression, hazmat response, and technical rescue.

We are grateful for the continued support from our citizens, city administrations, other city departments and our elected officials as we strive to continue to fulfill our mission to affirmatively promote, preserve, and deliver a feeling of security, safety, and quality service to the members of our community.

Please feel free to stop by our station anytime to meet the members of our department.

Scott Gagne
Fire Chief

Missions Statement

“To affirmatively promote, preserve, and deliver a feeling of security, safety, and quality service to members of our community.”
In 1834 the mutual society for the extinguishment of fires is formed between Biddeford and Saco. This was the time of the bucket brigade and was not too effective in saving property from the ravages of fire.

In 1848 both Biddeford and Saco obtained the technological apparatus of its day. The 1848 Hand Tub Pioneer made by the Hunneman Company of Roxbury, Mass, which is now a section of Boston was acquired by Biddeford Fire Department. Likewise, Saco acquired the same equipment which was named the Niagara.

Technology in firefighting continued to evolve and in 1869, Biddeford acquired an Amoskeag Steam Pumper, named the Richard Vines. This pumper was made in Manchester, NH. A second steamer, the Eben Simpson was also acquired in 1869. The third and final steamer was purchased in 1907.

Various fire stations served the City at different locations. It was not until 1907 when Biddeford built their Central Fire Station on Washington St. to house all of the trucks in one place. That station served for many years until the department moved into a new station on Alfred St. in 1991.

Motorization from steam to gas engines commenced in 1918 with the purchase of a GMC Chemical & Hose Truck. Real serious efforts commenced when Biddeford purchased a 1924 Ahrens-Fox Piston Pumper followed shortly by a 1926 Ahrens-Fox Tillered Ariel and a 1928 Ahrens-Fox Pumper, which completed the motorization of the fire department.

Many fires were fought in Biddeford and surrounding communities. Mutual aid among Biddeford and Saco has a very long history and joint operation and training are commonplace to this day.

Many may not know that Biddeford responded to the great Boston Fire which occurred on November 9, 1872, and the great fire of Portland, July 4, 1866. Biddeford and Saco fire departments responded with their equipment by train to meet the needs of both cities in distress. They also responded to the great forest fires that surrounded the communities in 1947.

Biddeford Fire Department continues to be a cutting edge department that will serve this community well into the future, providing a wide array of emergency and medical services.
2019 Staff Special Recognition

Retired Members

- Firefighter/AEMT Bill Langevin 31 years of service
- Captain Ricky Dussault 42 years of service
Department Staffing & Personnel

Administration

City Administrator

Chief of Department
- Office Manager
- Chaplain
- Assistant Chief
  - Museum Curator
- Deputy Chief
  - Medical Director
- Division Chief Call Force
- District Chief Station 2

Fire Advisory Committee

City of Biddeford Fire Department
Emergency Services
Department Staffing & Personnel

**Line Staffing**

**Career Members**
- 1 Department Chief
- 1 Assistant Chief
- 1 Deputy Chief
- 1 Office Manager

- 42 Firefighters /EMS
- 4 Shifts
- 9 Firefighter’s / EMS
- 1 Shift supervisor

- 2 12 hour shift positions

**On Call Firefighters**

- 1 Call Force
- Division Chief
- 1 Call Force
- Biddeford Pool District Chief

- 20 Call Force Firefighters
  divided into four companies

- 7 Junior firefighters
Department Apparatus

EMS Units

EMS 14
2012 Terrastar chassis w/ Horton Box

EMS 12
2016 Dodge chassis w/ PL Custom Box

EMS 10
2017 Dodge chassis w/ PL Custom Box

Fire Safety House

City of Biddeford Fire Department
Emergency Services
Department Apparatus

Fire Suppression Units

Engine 26
2008 1000 gal Pumper

Engine 24
2008 1000gal Pumper

Engine 22
1995 1000 gal Pumper

Squad 28
2005 1000 gal. Pumper

2013 Truck 32
100’ Aerial Platform w/ 300 gal
Department Apparatus

Special Operations Units

- Special Hazards 34
  Heavy Rescue Operations Unit

- Ranger 18
  Support Service Unit

- Hazmat Decon Unit

- Marine 202 River Rescue
  1964 16’ Aluminum Craft

- Brush 20
  2008 Chevy Pick up Forestry unit

- Bidd,Saco, OOB rehab bus

City of Biddeford Fire Department
Emergency Services
Department Stations

Central Station

Biddeford Pool Station
Command Operations at Structure Fires

- Incident Command Chief
  - Cover Chief
    - Operations Chief
      - Entry Control Chief
        - On Deck Crew
  - Safety Chief
  - RIC Host Operation Channel
  - Resource Chief
    - Accountability
    - Staging State Fire
    - Water Supply Freq. 280
  - Medical EMS -1
    - Occupants
    - Firefighters
    - Rehab

Biddeford & Saco Fire Departments Incident Command

December 20, 2012 Revised 06.13.2013
Fire Department Operations

• Fire Suppression Operations
• Emergency Medical Services
• Ocean & River Water Rescue Operations
• Hazmat Operations
• Confined Space Operations
• High angle & Below grade Operations
• Ice Rescue Emergency Operations
• Fire Prevention, Education, Inspections, enforcement
• Facility and Apparatus Maintenance
• CPR Education
• Department Training
Staff needed for basic structure fire

- Rescue - Truck co 2-4 people
- Search – Truck co 2 people per floor
- Extinguish –Engine co 3 people
- Ventilate - 2nd aerial(Saco) 2 people
- Back-up crews – 3rd Engine(Saco) 2 people
- 2 in 2 out – 1st ambulance crew 2 people
- Rapid Intervention team – OOB Eng 3 people
- Command staff 5 people
- Medical Unit – 3rd due ambulance (Gmills) 2 people

We currently have automatic aid with Saco, Goodwin’s Mills, Arundel, and Kennebunkport to assist us with needed personnel. Some of these departments are volunteer and they may also not have apparatus available when they are requested, often the response delay is unknown.
2019 Emergency Calls Volume

- **EMS only incidents**: 2,756
- **EMS/ Engine response incidents**: 1,046
- **EMS/Brush 20 response incidents**: 70
- **Fire/specialty response incidents**: 1,235
- **Total emergency incidents**: 5,107
- **Total non-emergency service details**: 1,370
### 2019 EMS Call Breakdown

<table>
<thead>
<tr>
<th>Category</th>
<th>Calls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airway/Breathing Problems</td>
<td>254</td>
</tr>
<tr>
<td>Abdominal</td>
<td>35</td>
</tr>
<tr>
<td>Behavioral/Psychiatric</td>
<td>255</td>
</tr>
<tr>
<td>Cardiac</td>
<td>295</td>
</tr>
<tr>
<td>Environmental</td>
<td>8</td>
</tr>
<tr>
<td>Foreign Body</td>
<td>2</td>
</tr>
<tr>
<td>Gastrointestinal</td>
<td>187</td>
</tr>
<tr>
<td>Hemorrhage</td>
<td>41</td>
</tr>
<tr>
<td>Injury</td>
<td>429</td>
</tr>
<tr>
<td>Medical</td>
<td>1499</td>
</tr>
<tr>
<td>Neurological</td>
<td>192</td>
</tr>
<tr>
<td>OB/GYN</td>
<td>33</td>
</tr>
<tr>
<td>Pain</td>
<td>473</td>
</tr>
<tr>
<td>Shock</td>
<td>22</td>
</tr>
<tr>
<td>Toxicology</td>
<td>278</td>
</tr>
<tr>
<td>Trauma</td>
<td>89</td>
</tr>
</tbody>
</table>
2019 Total Calls Breakdown

BFD FIRE IN OR ON A BUILDING 23
BFD PROVIDE MUTUAL/AUTOMATIC AID STRUCTURE FIRE 12
BFD FIRE CONFINED TO COOKING APPLIANCE 27
BFD CHIMNEY OR FLUE FIRE 4
BFD FUEL BURNER/BOILER MALFUNCTION, FIRE CONFINED 10
BFD TRASH OR RUBISH FIRE CONFINED 1
BFD VEHICLE FIRE 7
BFD MULCH FIRE 7
BFD BRUSH/WOODS/GRASS FIRE 8
BFD DUMPSTER FIRE 2
BFD EMS CALL RESCUE ONLY NO TRANSPORT 499
BFD EMS CALL RES/ENG NO TRANSPORT 173
BFD EMS CALL RESCUE ONLY TRANSPORT TO HOSPITAL 1711
BFD EMS CALL RES/ENG TRANSPORT TO HOSPITAL 873
BFD EMS TRANSPORT SMHC TO A MEDICAL FACILITY 339
BFD RECEIVE MUTUAL AID FOR EMS CALL 107
BFD PROVIDE MUTUAL AID FOR EMS CALL 100
BFD EMS W/BRUSH 20 ASSIST TRANSPORT TO HOSPITAL 61
BFD EMS NO TRANSPORT W/ BRUSH 20 ASSIST 9
BFD MVC W/OUT INJURY 86
BFD MVC W/ INJURY 88
BFD MVC W/ EXTRICATION 4
BFD ELEVATOR RESCUE 14
BFD SPECIALIZED RESCUE/ ABOVE/BELOW GRADE/CONFINED 2
BFD MARINE CALL 6
BFD WATER RESUE/ PERSONS IN THE WATER 3
BFD DECON UNIT RESPONSE TO YORK COUNTY 1
BFD HAZARDOUS CONDITION (STRUCTURAL, SAFETY, OTHER) 1
BFD HAZMAT (MINOR) (GAS OR OIL SPILL) 16
BFD PROPANE/NG LEAK 9
BFD HAZARDOUS MATERIAL 4
BFD CARBON MONOXIDE 15
BFD CARBON MONOXIDE ALARM MALFUNCTION 17
BFD ELECTRICAL PROBLEM 17
BFD CABLE LINE DOWN 21
BFD TELEPHONE LINE DOWN 12
BFD WIRES ARCING 16
BFD TREE DOWN 15
BFD POWER LINE DOWN 18
BFD ATTEMPTED BURN ILLEGALLY 7

BFD LOCK OUT VEHICLE OR STRUCTURE 18
BFD WATER PROBLEM 31
BFD INSIDE SMOKE OR ORDOR INVESTIGATION 25
BFD PUBLIC ASSIST 45
BFD ASSIST POLICE OR OTHER AGENCY 17
BFD PROVIDE MUTUAL AID NON STRUCTURE FIRE 32
BFD UNPERMITTED BURN 14
PERMIT/CAMP FIRE INVESTIGATION 5
BFD STATION COVERAGE/STAND-BY 5
BFD EMS CALL CANCELED ENROUTE 78
BFD FIRE CALL CANCELED ENROUTE 31
BFD CANCELED ENROUTE MUTUAL/AUTOMATIC AID STRUCTURE FIRE 23
BFD CHECK ON PERMITTED BURN 9
BFD OUTSIDE SMOKE OR ODOR INVESTIGATION 22
BFD MASTER/SUPERVISED BOX WATER FLOW 7
BFD MASTER/SUPERVISED BOX PULLS/SMOKES 152
BFD MASTER/SUPERVISED BOX TAMPER OR TROUBLE 13
BFD FALSE ALARM MASTER/SUPERVISED BOX SYSTEM MALFUNCTION 31
BFD FALSE CALL-GOOD INTENT 53
BFD REPORTED FIRE UNFOUNDED 1
BFD PULLS/SMOKE DETECTOR ACTIVATION RESIDENTIAL 53
BFD RESIDENTIAL ALARM MALFUNCTION 93
BFD CITIZEN COMPLAINT 2
TOTAL 5107
- Downtown areas or mutual aid responses – 4,266

- Districts 18 & 18b (the Crossing, Industrial parks, Mountain RD) – 435

- District 5 & 5B (Outer South St, Rt. 5 / no hydrants) – 43

- Districts 1,2,3,&4 (Coastal area and outer Guinea Rd with no hydrants) - 363
2019 Mutual Aid Provided and Received

100 times BFD responded to mutual aid calls

338 mutual apparatus responded to Biddeford

Mutual aid responded to ems calls in Biddeford on an average of 160 times.
2019 Additional Call Information Break Down

- UNE Responses - 122

- Number of times we had overlapping calls.

- Engine 22 from the Pool Station responded to the scene 8.5% of the time it was requested

- Number of times that we were on a transfer from SMHC when another emergency call in the city occurred – 97

- Number of times that SMHC transfer occurred while we were on another EMS call- 87

- About 46% of our calls require more than one piece of apparatus to respond.

- Number of calls to SMHC hospital or other SMHC medical office - 339
Total Call Volume Comparison

2019

Number of full time staff
45  39  73.5  49  40  70  78  42

<table>
<thead>
<tr>
<th>City</th>
<th>Total Calls</th>
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<tbody>
<tr>
<td>Biddeford</td>
<td>5,107</td>
</tr>
<tr>
<td>Saco</td>
<td>3,651</td>
</tr>
<tr>
<td>South Portland</td>
<td>4,625</td>
</tr>
<tr>
<td>Sanford</td>
<td>3,566</td>
</tr>
<tr>
<td>Brunswick</td>
<td>4,652</td>
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<tr>
<td>Auburn</td>
<td>4,983</td>
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<tr>
<td>Lewiston</td>
<td>*2,148</td>
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<tr>
<td>Rochester</td>
<td>2,512</td>
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</table>

* No ambulance service or revenue

City of Biddeford Fire Department
Emergency Services
Emergency Calls by Response Time call received to Arrived

2019 Fire Department Response Times
Times are from time call received to first unit on site.
6 minutes average in town arrival time from time of call to arrival

Today’s fires burn hotter and faster because of the synthetic products used. Firefighter safety is also at risk with today’s light weight Construction.

6 minutes average in town arrival time from time of call to arrival

Beyond viable Life

Medical Aid Response

FIRE GROWTH

TIME DIRECTLY MANAGEABLE BY FIRE DEPARTMENT

CARDIAC ARREST

ODDS OF SURVIVABILITY

BRAIN CELL

DEATH

Beyond viable Life

Death

TIME DIRECTLY MANAGEABLE BY FIRE DEPARTMENT

Medical Aid Response
$9,749 shows as being added back to the line as outside detail payback or adjustment.
All years have outstanding amounts to be collected that may increase revenues.
EMS Revenues Collected

Comparison department revenue from FY 2019

<table>
<thead>
<tr>
<th>City</th>
<th>FY 18 Revenue</th>
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<tbody>
<tr>
<td>Biddeford</td>
<td>$1,234,838.83</td>
</tr>
<tr>
<td>Saco</td>
<td>$868,301.35</td>
</tr>
<tr>
<td>Brunswick</td>
<td>$1,079,235.00</td>
</tr>
<tr>
<td>South Portland</td>
<td>$983,003</td>
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<tr>
<td>Sanford</td>
<td>$867,275.00</td>
</tr>
<tr>
<td>Auburn</td>
<td>$973,260.59</td>
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</table>

All years may have outstanding amounts to be collected that may increase revenues
Emergency Transfer calls from SMHC to MMC and other medical care facilities

<table>
<thead>
<tr>
<th></th>
<th>FY 2015</th>
<th>FY 2016</th>
<th>FY 2017</th>
<th>FY 2018</th>
<th>FY 2019</th>
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<tbody>
<tr>
<td>PIFT Calls</td>
<td></td>
<td></td>
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<tr>
<td>Billed</td>
<td>$462,141.70</td>
<td>$554,252.60</td>
<td>$591,274.20</td>
<td>$541,105.40</td>
<td>$456,429.60</td>
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<tr>
<td>Received</td>
<td>$278,491.77</td>
<td>$252,160.05</td>
<td>$342,444.11</td>
<td>$312,171.33</td>
<td>$259,548.50</td>
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<tr>
<td>Adjusted</td>
<td>$134,413.46</td>
<td>$138,340.28</td>
<td>$187,538.99</td>
<td>$168,255.17</td>
<td>$132,949.75</td>
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<tr>
<td>Outstanding</td>
<td>$52,142.47</td>
<td>$165,448.95</td>
<td>$61,291.10</td>
<td>$60,678.90</td>
<td>$63,931.35</td>
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<td>Projected</td>
<td>$315,512.92</td>
<td>$369,628.80</td>
<td>$385,960.82</td>
<td>$355,253.35</td>
<td>$304,939.85</td>
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(Projected number considers government program write offs, bad debt, uncollectable, billing company fees.)

Average five year revenue per PIFT call $975.38 / $907.38 after expenses

Estimated FY 2019 PIFT Revenue after expenses minus employee costs $283,655.85

Average annual write off of PIFT calls is about 29%
Total Billed for FY 2019

- Medicare: $235,097.50, 8%
- Medicaid: $201,157.70, 7%
- Commercial Insurance: $374,741.40, 13%
- Private Pay: $2,121,905.50, 72%
Total Write offs/Adjustments for FY 2019

- Medicare ADJUSTMENT, $589,592.94, 52%
- Medicaid ADJUSTMENT, $290,286.71, 26%
- COMM insu ADJUSTMENT, $240,861.42, 21%
- Time Limit WRITE OFF, $5,203.00, 1%
- Charity/Free Care WRITE OFF, $325.00, 0%
- Bankruptcy WRITE OFF, $811.80, 0%
EMS Billing Rates

- **Basic Life Support**
  - $789.80

- **Advance Life Support (IV or Monitor)**
  - $866.80

- **Advance Life Support (w/3 or more medications)**
  - $1081.30

- **Advance Life Support (Paramedic Interfacility Transfers)**
  - $1265.00

Plus a charge of $12.00 per loaded mile and charges specialty medical equipment used at $70.00 per item.
### Firefighter Call Backs

A firefighter call back occurs when two or more pieces of front line fire apparatus are unstaffed. This requests 2 off duty firefighters to respond to the station. There is down time to have them respond and there may be no personnel or only one on the call back that responds.

<table>
<thead>
<tr>
<th></th>
<th>FY 2016</th>
<th>FY 2017</th>
<th>FY 2018</th>
<th>FY 2019</th>
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<tbody>
<tr>
<td>call backs requested</td>
<td>162</td>
<td>208</td>
<td>205</td>
<td>267</td>
</tr>
<tr>
<td>filled</td>
<td>81</td>
<td>85</td>
<td>93</td>
<td>121</td>
</tr>
<tr>
<td>were not filled</td>
<td>81</td>
<td>123</td>
<td>112</td>
<td>146</td>
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</tbody>
</table>
2019 Staffing Breakdown

• 11 personnel on duty – 0 days

• 10 personnel on duty - 6, 24 hour days

• 9 personnel on duty – 40, 24 hour days
  3, 12 hour days

• 8 personnel on duty – 259, 24 hour days
  57, 12 hour days
Cardiac Arrest Care

"Pit Crew" CPR

“Tech” (Provider 1)
- Monitor
- Jump kit
- Initial Patient Assessment
- Begins compressions
- Alternates compressions
- Overall responsibility for patient treatment
- Contacts/advises receiving facility

Driver (Provider 2)
- Airway Kit
- Drug box
- Exposes patient (clothing)
- Sets up monitor
- Attaches Pads
- Manages monitor/defib
- Alternates compressions

“Stillman” (Provider 3)
- Strap bag
- Airway access/management
- Alternates compressions
- Third provider during transport

Second “Tech” (Provider 4)
- Additional Drug box
- IV/IO Access
- Alternates compressions

Second Driver (Provider 5)
- Medication prep
- Medication administration
- Cleans scene/picks up equipment

OIC (Provider 6)
- Incident Command
- Scene Safety/Security
- Family/bystander support
- Drives engine back in the event of transport
- Cleans scene/picks up equipment

Engine Driver (Provider 7)
- Alternates compressions
- Drives ambulance to the hospital
Advanced Life Support Care

Transport

• 3 Providers to manage the patient
• 1 Provider to drive

• Compressions
• Advanced Cardiovascular Life Support (ACLS)
  • Unstable changes
  • Additional therapies
    • Electrical
    • Medications
    • Additional medical interventions
    • Patient stabilization
Why does a fire engine go on medical calls

- All medical calls go through the EMD (emergency medical dispatch) process at the dispatch center. Fire apparatus is dispatched according to the severity of the call (ALS calls.)

- The two people on the ambulance alone can not provide the quick effective service that is required for proper patient care.

- All fire apparatus personnel are cross trained as emergency medical care providers.

- Fire personnel assist with medical treatment and movement of the patients and are often to the level of paramedic.

- Fire apparatus has cardiac monitors, medication boxes, and airway kits.

- Smaller service vehicle can not be used in place of the fire apparatus, this would put fire apparatus down un staffed. Apparatus often respond from one call to the next.
NFPA 1710

- Recommended standard that states fire departments must be capable of establishing incident command, water supply, attacks line(s), backup line(s), search and rescue team(s), ventilation team(s) and RIT/FAST at all structural fires... these "benchmark" requirements are based upon a 2000 square foot detached single family dwelling.

- Minimum requirements for health and safety, incident management, training, communications and pre-incident planning.

- Fire departments must inform the public about their response capabilities and the consequences of not meeting this specified deployment criteria.

- Involves staffing of career fire departments (4 on the scene of a structure fire is 4 minutes and 16 personnel on the scene of a structure fire with in 8 minutes 90% of the time)(medical responses are recommended to have BLS on the scene in 5 minutes and ALS in 8.)
2019 Fire prevention/education, inspections, community contact

<table>
<thead>
<tr>
<th># of Activities</th>
<th>Description of Activities</th>
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<tbody>
<tr>
<td>928</td>
<td>Burning Permits</td>
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<tr>
<td>2</td>
<td>Blasting Permits</td>
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<tr>
<td>34</td>
<td>Construction Plans Reviews/Solar Arrays</td>
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<tr>
<td>28</td>
<td>Dry Hydrant Inspections</td>
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<tr>
<td>2</td>
<td>Evacuation drills</td>
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<tr>
<td>9</td>
<td>Evacuation Plans Reviews</td>
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<tr>
<td>6</td>
<td>Extinguishing system inspections</td>
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<tr>
<td>132</td>
<td>Fire safety inspections</td>
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<tr>
<td>10</td>
<td>Fire alarm tests</td>
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<td>28</td>
<td>Knox box inspections</td>
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<td>18</td>
<td>Building maps reviews</td>
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<tr>
<td>10</td>
<td>Occupancy permits inspections</td>
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<td>40</td>
<td>Sprinkler inspection reviews</td>
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<tr>
<td>3</td>
<td>Chimney/wood stove/pellet stove inspections</td>
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<tr>
<td>16</td>
<td>Tier II hazmat reviews</td>
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<td>6</td>
<td>Vacant Building Inspections</td>
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<tr>
<td>1</td>
<td>Juvenile fire setter interventions</td>
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<tr>
<td>5</td>
<td>Fire extinguisher classes</td>
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<tr>
<td>25</td>
<td>Fire Investigations</td>
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<tr>
<td>18</td>
<td>Public Safety Lectures</td>
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<tr>
<td>200</td>
<td>EMS student ride alongs</td>
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<td>32</td>
<td>Public CPR, AED classes</td>
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<tr>
<td>25</td>
<td>Fire Station tours and safety lectures</td>
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<tr>
<td>20</td>
<td>Community contact/prevention details</td>
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</table>
Cause of Ignition

- Unintentional (37.68%)
- Failure of equipment or heating systems (13.04%)
- Under investigation (36.23%)
- Intentional (5.80%)
2019 Public Education and Community Contact
<table>
<thead>
<tr>
<th>Month</th>
<th>Topics/Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>Hazmat Operations, bloodborne, lockout tag out, harassment, fire extinguishers, hazcom, Maine Safety Works annuals, Ice Rescue</td>
</tr>
<tr>
<td>February</td>
<td>CPR, code scenarios, medication reviews, multiple dwelling fires, safe operations of vehicles</td>
</tr>
<tr>
<td>March</td>
<td>SCBA review, air management, sprinkler systems, t-32 bucket ops and rigging, PEPP EMS class</td>
</tr>
<tr>
<td>April</td>
<td>EMS protocol and documentation, hazmat operations, forestry/wildland</td>
</tr>
<tr>
<td>May</td>
<td>Mayday operations, lifting and moving patients, victim rescue, firefighter bailouts</td>
</tr>
<tr>
<td>June</td>
<td>Rural water supply, medication IV pump review, EMS medication review class B burns, marine 202 operations</td>
</tr>
<tr>
<td>July</td>
<td>Pump Drafting, laying supply line, FDC, standpipe connections, CPCP EMS review</td>
</tr>
<tr>
<td>August</td>
<td>Extrication review, safe apparatus backing, trailering, anchors and rigging, MCI EMS review, apparatus hose loads, nozzles</td>
</tr>
<tr>
<td>September</td>
<td>Initial size up report, remembering 911, cancer risk reduction, EMS protocol review BRUE</td>
</tr>
<tr>
<td>October</td>
<td>IMC usage, forcible entry, EMS excited delirium review, large area search, ACLS EMS class</td>
</tr>
<tr>
<td>November</td>
<td>Chimney fires review, ground ladders, EMS penetrating Trauma review, cold weather operations, cold weather emergencies</td>
</tr>
<tr>
<td>December</td>
<td>Electrical problems, elevator emergencies, EMS hypothermia review, firefighter CPR</td>
</tr>
</tbody>
</table>
Department Committees

- Peer Support – six members training to support department staff and citizens during times that are emotionally difficult

- Physical fitness – members that support the physical development needs of the department staff

- EMS committee – members that assist with the EMS needs of the department

- Chaplin Support – Each week the Chaplin spends time at the FD supporting and interacting with department staff. Additionally he responds to incidents as needed to support citizens and their families and offers department training.

- Fire Investigation Team – member team trained in fire investigations.

- Honor Guard – members from both the career and call force divisions make up this team.
Challenges

- Population – *Increasing* (UNE student impact; (5,000 day time), Summer Tourism, etc.)
- Number of Structures – *Increasing*
- Response Times – *Increasing* (10-14 minutes to much of the coastal areas.)
- ISO Rating – *Maintaining current rate with increasing calls and current staffing.*
- The need to staff an additional ambulance. *(Currently we staff one full time ambulance and cross staff one ambulance with fire personnel assigned to other fire apparatus, call volume has reached the level where we feel there is a need for a third ambulance to serve the citizens and maintain service level needs.)*
Challenges

- Response Times
- Administrative duties on all levels of the department
- EMS Training / QA
- The need for mobile command / effort to eliminate the need for incident commanders to have to perform task functions
- Staffing levels
Other Impacts

- OSHA and other regulations
  2 In / 2 Out and Rapid Intervention
  Requires Additional Personnel on every working Fire

- Traffic and geographic disbursement (coastal responses)

- NFPA 1710

- Today’s Fires Burn Faster
  Lighter weight construction
  Quicker burning fuels Plastics, Polyurethane, Foams, Laminates
Current Service Level

- Rating given to Biddeford Fire Department by the (ISO) Insurance Services Office

**ISO Class 2/8b**

- This rating relates to current staffing and apparatus responses on incidents. We are set to be reevaluated this year. Any ISO rating change could increase insurance cost for commercial and residential properties.
Department Goals  2020-2021

- Increase minimum staffing to ten personnel on duty.
- Staff 2 ½ ambulances.
- Decrease response times.
- Establish acting officer program
- Establish an officer training/replacement program.
- Establish Shift Paramedic Field Trainers
Capital Needs  \textit{FY 2021}

- EMS Cardiac Monitor $48,000
- EMS Patient Stretcher $14,000
- EMS Patient Transport Stair Chair $5,000
- Rescue boat - $35,000