



# **PORTLAND FIRE & RESCUE**

## **Annual Performance Report**

### **Fiscal Year 2018-19**



## Our Vision

**Our Community is safe and protected from fire, medical, and other emergencies.**



## Our Mission

**Portland Fire & Rescue proactively, safely, and aggressively protects life, property, and the environment.**

## Our Principles

**Our Principles illustrate the values we live by—the truth about how we do our work, how we relate to our co-workers, and how we present ourselves to the public.**

- **We are an integral, engaged, and approachable part of our neighborhoods.**
- **We are experts in prevention and emergency response.**
- **We are dedicated to diversity, equity, and inclusion in our workplace and the communities we serve.**
- **We are fiscally accountable and environmentally responsible.**
- **We are committed and accountable to each other because everyone's safety depends on it.**

# PF&R Quick Facts FY 2018-19

## City Information

Resident Population (PSU estimate)	653,115
Total Service Area (square miles)	160.4
Land Service Area (square miles)	142.4
Water Service Area (square miles)	18.0

## Budget/Personnel

Total Budget	\$126,457,836
Operating Budget	\$121,900,510
Capital Budget	\$ 4,557,326
Total Personnel Budgeted	729 FTE

## Emergency Operations

Total Incident Responses	85,629
Actual Fire Incidents	3,362
Medical Incidents	59,094
Other Incidents	23,173

## Prevention

Number of Fee Code Enforcement Inspections	26,625
Number of Fee Code Enforcement Reinspections	7,150
Number of Fire Plan Reviews and Permits Issued	8,384
Number of Fire Incidents Investigated	1,245

\*\*\* Additional five-year statistics available on pages 7-9 \*\*\*



# SCBA testing and evaluation, selection, and procurement



Last fiscal year, PF&R applied for and received a 2017 Assistance to Firefighters Grant (AFG) from the Federal Emergency Management Agency (FEMA) and received additional money from the City of Portland to fully fund the \$3.5 million Self Contained Breathing Apparatus (SCBA) replacement project.

PF&R's SCBA Technical Committee conducted a Request for Information (RFI) to determine which makes and models of SCBA would best meet PF&R's technical specifications and key

performance criteria, as well as meet NFPA Standards.

This fiscal year, PF&R conducted comprehensive functional testing and technical evaluation to determine the strengths and weaknesses of the top two SCBA manufacturers responding to the RFI: MSA and SCOTT.

The SCBA Technical Committee created the testing and evaluation criteria and was the supervising body for the testing and evaluation process. Controlled field and bench testing occurred throughout the month of November 2018. In order to have a comprehensive and inclusive process, a total of 127 firefighters, lieutenants, captains, and specialty team members participated in the SCBA Testing and Evaluation process. Additionally, two SCBA technicians and the Logistics Captain performed the technical evaluation and bench testing.

At the end of all testing and evaluation, evaluation forms were tabulated, and average scores were calculated. The rating scale was: 1 for unacceptable through 7 for excellent. Based on the final score and other considerations, PF&R chose SCOTT's X3 Pro SCBA.

PF&R used the NPPGov (FireRescue GPO) Cooperative Purchasing Agreement to procure the SCOTT X3 Pro SCBA equipment and accessories. PF&R procured the SCBA equipment with the partial assistance of a 2017 Assistance to Firefighters Grant (AFG) from the Department of Homeland Security (DHS).

All SCBA equipment will be delivered to PF&R summer 2019. After thorough inspection, flow testing, and firefighter fitting and training, it is expected that the new SCBA will be deployed in the field in spring 2020.



## Safety, Health, and Wellness

Firefighter safety, health, and wellness is a top priority for PF&R. Multiple studies have demonstrated that firefighters have higher cancer risks for many types of cancers compared to the general population due largely to chemical carcinogens in burning materials and other exposures.

In FY 16-17, PF&R purchased a second set of turnouts for each firefighter. In FY 17-18, PF&R began the process to replace SCBA. This fiscal year, PF&R addressed and implemented the following projects to reduce risk and improve firefighter safety, health and wellness.

- Implemented National Fire Protection Association (NFPA) 1582 annual physicals
- Implemented twice a year turnout cleaning per NFPA guidelines
- Reduced diesel exhaust levels in stations
- Converted all station cleaners to non-toxic
- Tested radon levels in fire stations and remediated
- Tested water for lead in fire stations and remediated



## Diversity, Equity, and Inclusion

PF&R strives to achieve diversity, equity, and inclusion. PF&R contracted with Portland State University to conduct a workplace assessment and created and hired a new position for a full-time Equity Manager. This position will be responsible for implementing the five-year equity action plan; coordinating focused equity training for all members of the bureau; ensuring a bureau-specific equity lens is used for the evaluation and development of bureau policies, process, and practices; and working on recommended recruitment and training processes.

PF&R is currently working on developing and implementing a five-year Racial Equity Action Plan in conjunction with Portland State University.

PF&R is making every effort to advance equity and will launch new initiatives to support employee equity in hiring, retention, and inclusion, particularly for communities of color and people with disabilities.

## Technology Upgrades

### Fire Inspection Software – CivicGov

PF&R's Fire Inspection software application (FIRES2000) is over 20 years old and while there have been some updates to the system, it no longer meets the needs of the Prevention Division, most notably due to the lack of mobile application features.

This project will improve PF&R's Fire Inspection productivity and efficiency enabling PF&R to achieve its Prevention goals and ensure community safety by making use of a web-based and mobile application supported system. PF&R was approved for a \$350,000 technology improvement project by City Council. PF&R is working on a contract with Wagsys for a new software application called CivicGov for fire inspections. The new system will replace the current system, and will enable on-site inspection access and data entry, risk-based prioritization, efficient scheduling of inspections, billing and invoicing, and reporting. This project will go live approximately spring 2020.



### Improving Data Connections to Stations and Apparatus

The internet bandwidth in stations limited the performance and functionality of PF&R's reporting system and inhibited PF&R's ability to utilize a range of technology applications such as video conferencing, streaming training videos, and automatically updating maps on the Mobile Data Computers (MDCs) on fire apparatus. PF&R received a grant from Mt. Hood Cable Regulatory Commission to install high-speed internet to 28 stations in 2018.

High-speed internet has now been installed in all PF&R stations. PF&R has now also completed additional projects to connect the MDCs to the City's network and install Wi-Fi at stations. Connected MDCs will be updated more frequently to provide firefighters with more current building information and improve emergency response effectiveness and firefighter safety. Wi-Fi in stations allows for training videos to be viewed by firefighters on mobile devices such as iPads and iPhones at stations.





## Appendix A

### PF&R Financial Information

Fiscal Year End Results	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19
<b>Expenditures by Division</b>					
Chief's Office	\$ 2,135,402	\$ 2,377,156	\$ 1,272,309	\$ 1,980,480	\$ 1,579,429
Emergency Operations	76,671,720	81,029,918	80,762,447	85,604,292	89,237,621
Management Serv./Logistics	25,226,569	16,748,897	19,039,433	20,928,285	21,044,550
Prevention	6,980,317	7,734,481	8,368,640	9,012,514	9,828,726
Medical Services & Training	4,595,019	6,305,505	5,860,076	5,310,582	4,767,510
<b>Total</b>	<b>\$115,609,027</b>	<b>\$114,195,957</b>	<b>\$115,302,905</b>	<b>\$122,836,153</b>	<b>\$126,457,836</b>
<b>Expenditures by Category</b>					
Personal Services	\$ 92,027,419	\$ 98,738,545	\$ 97,874,939	\$103,172,643	\$107,310,012
External Material & Services	7,278,465	7,748,545	6,706,597	7,460,680	7,041,131
Internal Material & Services	6,025,765	6,353,553	6,490,666	7,342,215	7,549,367
Capital Outlay-General Fund	144,651	91,528	3,112,587	3,603,362	3,460,224
Capital Outlay-GO Bond	10,132,727	1,263,786	1,118,116	1,222,980	1,053,738
Capital Outlay-Grants				34,273	43,364
<b>Total</b>	<b>\$115,609,027</b>	<b>\$114,195,957</b>	<b>\$115,302,905</b>	<b>\$122,836,153</b>	<b>\$126,457,836</b>
<b>Resources by Category</b>					
General Fund Discretionary	\$ 94,040,265	\$ 99,404,745	\$103,061,656	\$107,615,547	\$110,205,064
Interagency Agreements	3,630,479	4,517,096	5,308,500	6,387,675	7,199,062
Licenses & Permits	2,728,933	3,464,629	3,455,712	3,284,661	3,467,468
Charges for Services	1,602,440	1,652,320	1,235,054	1,391,607	1,855,294
Inter-Governmental	485,996	895,419	588,795	2,422,254	1,788,256
Grants	2,296,936	2,201,186	121,327	19,220	15,500
GO Bond	10,132,727	1,263,786	1,118,116	1,300,194	1,053,738
Misc. & GF Overhead	691,251	796,776	413,745	414,995	873,454
<b>Total</b>	<b>\$115,609,027</b>	<b>\$114,195,957</b>	<b>\$115,302,905</b>	<b>\$122,836,153</b>	<b>\$126,457,836</b>
All financial information includes the 2010 Public Safety General Obligation (GO) Bond					
<b>Budgeted FTEs*</b>					
Sworn	668	668	672	672	674
Non-Sworn	48	49	50	52	55
<b>Total</b>	<b>716</b>	<b>717</b>	<b>722</b>	<b>724</b>	<b>729</b>
*Full-Time Equivalent (FTE) Employees are those working full-time or the equivalent of working full-time					

## Appendix B

### PF&R Performance Measures – Last Five Fiscal Years

Performance Measures	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19
<b>Portland Population</b>	<b>619,000</b>	<b>632,309</b>	<b>639,863</b>	<b>647,805</b>	<b>653,115</b>
<b>Chief's Division</b>					
Number of civilian deaths due to fires	6	9	4	8	11
Time lost to on-duty injury (FTE)	10.3	10.10	8.8	7.7	11.0
Percentage of strategic plan objectives completed	n/a	n/a	27%	35%	44%
Percent of new sworn hires who are women	n/a	12%	0%	13%	8%
Percent of new sworn hires from communities of color	n/a	31%	16%	13%	20%
<b>Management Services Division (MSD)</b>					
Amount of outside grants received	n/a	n/a	n/a	n/a	2.05 M
Percent of contracts awarded to vendors with COBID	n/a	n/a	n/a	n/a	42%
Percent of frontline apparatus at or near end of useful life	n/a	28%	33%	5%	10%
Percent of City fleet vehicles allocated to Fire that are electric or hybrid	n/a	n/a	n/a	n/a	42%
Percentage of total spending on station supplies that is spent on green products	n/a	n/a	n/a	n/a	50%
Number of ADA barriers removed	n/a	n/a	n/a	n/a	42
<b>Emergency Operations</b>					
Total number of incidents	77,581	81,076	85,698	87,166	85,629
Number of actual fire incidents	2,613	2,825	2,682	3,283	3,362
Number of medical incidents	54,268	57,345	61,422	61,686	59,094
Number of other incidents	20,700	20,906	21,594	22,197	23,173
Percent flame spread confined to room of origin	76%	71%	70%	73%	73%
Percent of responses to code 3 incidents within 5:20	62%	61%	57%	61%	58%
Percent of high-priority responses with a turnout time of less than 80 seconds	n/a	63%	61%	61%	60%
Response time to high-priority incidents at 90 <sup>th</sup> percentile	7:12	7:18	7:39	7:19	7:24
Total number of structure fires	630	658	646	664	635
Total number of actual fire incidents and reported fires	11,224	10,881	11,168	12,180	12,634
Total number of lower acuity healthcare and public assist calls	4,463	4,439	4,512	4,399	4,342
Number of lower acuity healthcare and public assist calls responded to by RRV (Rapid Response Vehicle)	3,166	3,167	3,118	3,134	2,794
Percent of lower acuity healthcare and public assist calls responded to by RRV	71%	71%	69%	71%	64%
Unit responses	95,628	99,834	106,956	107,573	106,792



Performance Measures	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19
<b>Medical Services &amp; Training</b>					
Percent of new recruits who complete Academy training and probation	n/a	83%	84%	80%	96%
Hours of in-service training per sworn employee	109	91	93	154	120
<b>Prevention</b>					
Number of inspectable occupancies	40,135	40,264	40,375	41,015	41,348
Fires in inspectable occupancies	364	402	345	356	228
Fires in non-inspectable occupancies	266	305	302	294	378
Percent of high-hazard inspections within 27 months	67%	77%	67%	65%	72%
Total code violations found	14,625	13,171	9,902	13,865	15,820
Number of violations abated within 90 days	11,246	9,522	6,634	9,290	10,900
Percent violations abated within 90 days	77%	72%	67%	67%	69%
Number of fee code enforcement inspections	14,950	13,423	21,277	23,386	26,625
Number of fee code enforcement re-inspections	817	826	5,145	6,331	7,150
Number of Plan reviews and permits	8,073	9,176	8,690	9,001	8,384
Number of fire incidents investigated	872	1,133	1,241	1,366	1,245
Number of arson fires	178	260	349	383	258
<b>Workforce Diversity/Sworn Employees</b>					
American Indian/Alaskan Native	2.9%	2.9%	2.9%	3.0%	2.9%
Asian/Pacific Islander	6.3%	6.3%	6.3%	6.3%	6.2%
Black/African American	3.7%	4.0%	4.0%	3.7%	3.8%
Hispanic/Latino	4.9%	4.6%	4.8%	5.1%	5.3%
White/European American	81.1%	80.1%	79.9%	79.8%	79.7%
Two or More Races	1.1%	2.1%	2.1%	2.1%	2.1%
Female (any race)	7.6%	7.2%	7.2%	7.3%	7.4%
Male (any race)	92.4%	92.8%	92.8%	92.7%	92.6%
<b>Workforce Diversity/Non-Sworn Employees</b>					
American Indian/Alaskan Native	0%	0%	0%	0%	0%
Asian/Pacific Islander	7.1%	6.7%	6.9%	9.8%	7.6%
Black/African American	5.4%	5.0%	6.9%	3.9%	3.0%
Hispanic/Latino	5.4%	5.0%	5.2%	7.8%	6.1%
White/European American	80.3%	81.6%	79.3%	74.6%	77.2%
Two or More Races	1.8%	1.7%	1.7%	3.9%	6.1%
Female (any race)	48.2%	50.0%	47.0%	45.1%	42.4%
Male (any race)	51.8%	50.0%	53.0%	54.9%	57.6%

If you have questions or comments on the content of this report, contact:  
Angela Bostock, Senior Management Analyst @ [Angela.Bostock@portlandoregon.gov](mailto:Angela.Bostock@portlandoregon.gov)

# COME JOIN US

WE WORK AND LIVE IN EVERY NEIGHBORHOOD  
THROUGHOUT THE CITY

WE ARE DEDICATED MEN AND WOMEN  
OF EVERY RACE AND ETHNICITY

NO MATTER OUR BACKGROUND, WE CAN ALL  
CLIMB 10 STORIES WITH A TANK OF AIR  
STRAPPED TO OUR BACKS

WE ARE ALL SMART AND STRONG, AND EVEN  
SMARTER AND STRONGER – TOGETHER

EVERY DAY, 24/7, WE SAVE LIVES, PROPERTY AND  
THE ENVIRONMENT

WE SAVE PEOPLE FROM HEART ATTACKS,  
CHEMICAL SPILLS, CAR PIN-INS,  
AND YES, WE FIGHT FIRES

WE ARE A TEAM

WE ARE

**PORTLAND  
FIRE & RESCUE**



**Become a Firefighter**

[www.portlandoregon.gov/fire](http://www.portlandoregon.gov/fire)  
[firefighter@portlandoregon.gov](mailto:firefighter@portlandoregon.gov)  
Facebook: [facebook.com/portlandfire](https://www.facebook.com/portlandfire)  
Twitter: @PDXfire | 503-823-3811



City of Portland is an equal opportunity employer