



# **PORTLAND FIRE & RESCUE**

## **Annual Performance Report**

### **Fiscal Year 2017-18**



## 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 2017-18

## City Information

Resident Population (PSU estimate)	648,740
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	\$122,836,153
Operating Budget	\$117,975,538
Capital Budget	\$ 4,860,615
Total Personnel Budgeted	724 FTE

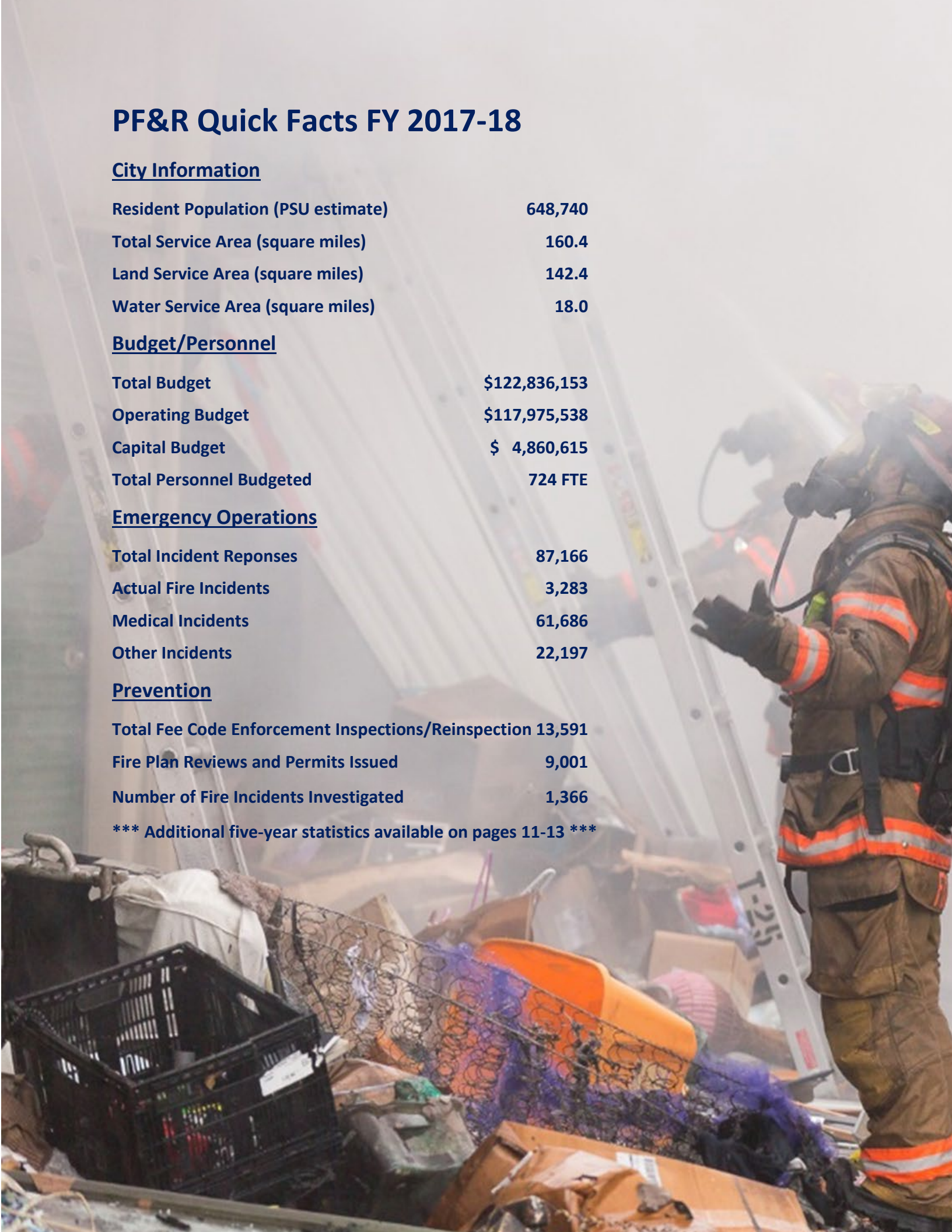
## Emergency Operations

Total Incident Responses	87,166
Actual Fire Incidents	3,283
Medical Incidents	61,686
Other Incidents	22,197

## Prevention

Total Fee Code Enforcement Inspections/Reinspection	13,591
Fire Plan Reviews and Permits Issued	9,001
Number of Fire Incidents Investigated	1,366

\*\*\* Additional five-year statistics available on pages 11-13 \*\*\*





## 5-Alarm Fire - 7600 NE Killingsworth St.



On Monday, March 12, 2018, at 9:05 am, Portland Fire & Rescue was dispatched to a report of a fire at a business called NW Metals located near NE 75th and NE Killingsworth. The grounds of this business contained crushed cars and tires intended for recycling.

This was a very challenging fire to contain due to a steady east wind, a heavy fire load, the difficult “flag” lot, and a very steep 40-foot embankment at the location. Firefighting operations lasted over five days and a total of 23 Engines, seven Ladder Trucks, one Heavy Rescue, two Rehab/Air Units, nine Chiefs, the Mobile Command Unit, and a full fire investigation team were on scene at the height of operations.

Many area businesses were impacted by this event and were severely limited or stopped altogether because of the fire and firefighting efforts. Numerous area businesses offered support to fire crews on scene and opened access to their property for firefighting efforts. Some of these businesses also assisted evacuees and fire victims, and their efforts were greatly appreciated.

PF&R would also like to acknowledge its numerous partner agencies for their prompt support both at the fire scene and throughout the rest of the city.

## Eagle Creek Fire

The Eagle Creek Fire was a destructive wildfire in the Columbia River Gorge in Oregon and Washington. The fire was started on September 2, 2017, by a 15-year-old boy igniting fireworks during a burn ban. During the night of September 4th and 5th, east winds, combined with excessive heat caused the fire to rapidly increase in size pushing westward. The fire burned 50,000 acres, and burned for three months, before being declared completely contained.



PF&R, along with fire crews from around the region, fought the Gorge fire. PF&R had the distinct honor of protecting the Multnomah Falls Lodge, and to do so, fire crews brought something you do not usually see at a wildland fire: an aerial apparatus. Truck 3's aerial was used to stream water to protect Multnomah Falls Lodge's roof and the surrounding area, and was a key element of the large team effort that helped save the lodge. Crews initially arrived at the Gorge as a 20-

hour deployment that was part of the bureau's mutual aid agreement with Hood River/Cascade Locks. Eventually, the Governor declared a conflagration, triggering task forces and strike teams from across the state to descend upon the Gorge.



## Re-open Station 23

PF&R re-opened Station 23, located at 2915 SE 13th Place, in November 2017. Station 23 sits in the booming area of lower southeast Portland where the City's encouragement of urban density is becoming more and more a reality. When the station closed in 2010, the area around it was mostly industrial. Now, it is packed with live/work infill development and ribbons of booming restaurants and businesses. A new light rail line snakes through the Fire Management Area (FMA).

To respond to lower southeast Portland's increase in population and businesses, Portland Fire & Rescue reopened Station 23. Station 23, mainly serving the Clinton and Brooklyn neighborhoods, operates using a pre-existing two-person crew and rescue vehicle. The Type 2 rescue vehicle is primarily designed to provide emergency medical services. Station 23 reopened at no additional cost to the City through a realignment of existing resources.

Station 23 was closed in July 2010 due to the opening of Station 21; however, in the last year 1,333 incidents have occurred in Station 23's FMA, including 105 confirmed fires, 16 of which were structure fires. The residents of Station 23's FMA have long been without their own station, and PF&R is excited to be taking this first step in restoring dedicated coverage to the area.



## Open Historic Fire Museum



Portland Fire & Rescue announced the grand opening of the new Portland Fire Historic Museum adjacent to Fire Station 1 and next door to Portland's Saturday Market.

In contrast to the Historic Belmont Firehouse Learning Center located in southeast Portland, this museum focuses specifically on the history of firefighting equipment and vehicles. Many beautiful pieces, painstakingly restored by a small, very dedicated team of retired firefighters, have brought this incredible history to life and it will now be open to the public.





## Self-Contained Breathing Apparatus (SCBA)

PF&R is responsible for the operation and maintenance of self-contained breathing apparatus (SCBA). PF&R last purchased full sets of SCBAs in 2002 and have upgraded several parts of the equipment to remain in compliance with the National Fire Protection Association (NFPA) and National Institute of Occupational Safety and Health (NIOSH) standards. However, it is no longer a viable option to upgrade pieces of the equipment to meet current standards.



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 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. PF&R will conduct extensive evaluation and testing next fiscal year to determine which manufacturer's SCBA will be purchased.



## Pioneer Black Firefighters of Portland Proclamation and Scholarship

A group of Portland's black firefighters came together with a mission: to recognize the black firefighters who came before them during Black History Month. On February 14, 2018, Portland City Council declared it "Pioneer Black Firefighters of Portland Month" in a special proclamation ceremony.

Recently, it was discovered that Portland's first black firefighter joined PF&R's ranks in 1890, a stunning development considering the exclusionary laws in place at the time. That man, Augustus "Gus" Waterford, served from 1890 – 1892. When it was revealed that Waterford was buried without a headstone in Lone Fir Cemetery, Local 43 stepped up and generously funded a headstone for Waterford at block 16, plot 48. He now has a dedicated marker where none stood before.

But PF&R's black firefighters wanted to do more to highlight Waterford's legacy: they worked with Portland Community College (PCC) to create a fire science scholarship in Waterford's name to help others join the field. Beginning in the 2018-19 academic year, the Portland Community College Foundation will award the first Gus Waterford Memorial Scholarship to a first-generation college student studying Fire Protection Technology at PCC. This scholarship will ensure that Gus Waterford's legacy will live on.



## Technology Upgrade - CrewSense



As Portland Fire & Rescue continues to grow and innovate, a vital area of improvement has been identified in Battalion Headquarters. Last year, it was determined that an electronic staffing software would help PF&R ensure consistency in hiring call shifts, track and assign daily assignments, and allow for employee interaction through a web portal. As an adjunct to the FIS Suite, Battalion Headquarters sought out and completed a purchasing process. As a result, we have selected CrewSense as the electronic staffing software that will best fit the organization's needs.

CrewSense is headquartered out of Grants Pass, Oregon and works with fire agencies across the United States. This company focuses on engaging the customer and building a platform that accommodates the complexities of staffing and personnel administration. The contract with CrewSense was recently finalized, and Portland Fire has established a workgroup to assist Battalion Headquarters in getting the project moving forward.

The implementation of CrewSense will be a ground-breaking process as each facet of hiring and staffing will have to be evaluated throughout the execution of CrewSense. The goal of this project is to integrate the FIS platform with the CrewSense platform and accommodate hiring according to the Collective Bargaining Agreement, bureau rules, and City of Portland rules. This process will be no small feat to accomplish and will require substantial time to complete.

Utilization of all functions of the CrewSense program is not scheduled to be online until Spring 2019 to ensure thorough testing will be completed.





## Appendix A

### PF&R Financial Information

Fiscal Year End Results	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18
<b>Expenditures by Division</b>					
Chief's Office	\$ 1,686,082	\$ 2,135,402	\$ 2,377,156	\$ 1,272,309	\$ 1,980,480
Emergency Operations	72,048,836	76,671,720	81,029,918	80,762,447	85,604,292
Management Serv./Logistics	13,572,124	25,226,569	16,748,897	19,039,433	20,928,285
Prevention	6,536,620	6,980,317	7,734,481	8,368,640	9,012,514
Medical Services & Training	3,725,179	4,595,019	6,305,505	5,860,076	5,310,582
<b>Total</b>	<b>\$ 97,568,841</b>	<b>\$115,609,027</b>	<b>\$114,195,957</b>	<b>\$115,302,905</b>	<b>\$122,836,153</b>
<b>Expenditures by Category</b>					
Personal Services	\$85,461,904	\$ 92,027,419	\$ 98,738,545	\$ 97,874,939	\$103,172,643
External Material & Services	5,577,540	7,278,465	7,748,545	6,706,597	7,460,680
Internal Material & Services	5,091,803	6,025,765	6,353,553	6,490,666	7,342,215
Capital Outlay-General Fund	309,607	144,651	91,528	3,112,587	3,603,362
Capital Outlay-GO Bond	1,127,987	10,132,727	1,263,786	1,118,116	1,222,980
Capital Outlay-Grants	0	0	0	0	34,273
<b>Total</b>	<b>\$97,568,841</b>	<b>\$115,609,027</b>	<b>\$114,195,957</b>	<b>\$115,302,905</b>	<b>\$122,836,153</b>
<b>Resources by Category</b>					
General Fund Discretionary	\$87,138,510	\$ 94,040,265	\$ 99,404,745	\$103,061,656	\$107,615,547
Interagency Agreements	2,948,347	3,630,479	4,517,096	5,308,500	6,387,675
Licenses & Permits	2,301,923	2,728,933	3,464,629	3,455,712	3,284,661
Charges for Services	1,563,473	1,602,440	1,652,320	1,235,054	1,391,607
Inter-Governmental	543,786	485,996	895,419	588,795	2,422,254
Grants	1,161,781	2,296,936	2,201,186	121,327	19,220
GO Bond	1,127,987	10,132,727	1,263,786	1,118,116	1,300,194
Misc. & GF Overhead	783,034	691,251	796,776	413,745	414,995
<b>Total</b>	<b>\$97,568,841</b>	<b>\$115,609,027</b>	<b>\$114,195,957</b>	<b>\$115,302,905</b>	<b>\$122,836,153</b>
All financial information includes the 2010 Public Safety General Obligation (GO) Bond					
<b>Budgeted FTEs*</b>					
Sworn	650	668	668	672	672
Non-Sworn	48	48	49	50	52
<b>Total</b>	<b>698</b>	<b>716</b>	<b>717</b>	<b>722</b>	<b>724</b>
*Full-Time Equivalent (FTE) Employees are those working full-time or the equivalent of working full-time					

## Appendix B

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

Measures	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18
<b>Key Performance Measures</b>					
Number of civilian deaths due to fires	4	6	9	4	8
Time lost to on-duty injury (FTE)	13.5	10.3	10.10	8.8	7.7
Percent of Strategic Plan objectives completed	n/a	n/a	n/a	27%	35%
Percent flame spread confined to room of origin	78%	76%	71%	70%	73%
Response time to high-priority incidents (Code 1) at 90 <sup>th</sup> percentile	7:13	7:12	7:18	7:39	7:19
Population	601,510	613,355	627,395	639,100	648,740
<b>Emergency Operations</b>					
Total number of incidents	72,023	77,581	81,076	85,698	87,166
Number of actual fire incidents	2,038	2,613	2,825	2,682	3,283
Number of medical incidents	50,764	54,268	57,345	61,422	61,686
Number of other incidents	19,221	20,700	20,906	21,594	22,197
Total number of structure fires	701	630	658	646	664
Total number of actual fire incidents and reported fires	10,288	11,224	10,881	11,168	12,180
Percent of responses to important incidents (Code 3) within 5:20	62%	62%	61%	57%	61%
Total number of lower acuity healthcare and public assist calls	4,718	4,463	4,439	4,512	4,399
Number of lower acuity healthcare and public assist calls responded to by RRV (Rapid Response Vehicle)	3,236	3,166	3,167	3,118	3,134
Percent of lower acuity healthcare and public assist calls responded to by RRV (Rapid Response Vehicle)	69%	71%	71%	69%	71%
Percent of high-priority responses with a turnout time of less than 80 seconds	n/a	n/a	63%	61%	61%
Unit responses	88,882	95,628	99,834	106,956	107,573
<b>Administration and Support</b>					
Hours of in-service training per sworn employee	112	109	91	93	154
Percent of new sworn hires who are female	n/a	n/a	12%	0%	13%
Percent of new sworn hires from communities of color	n/a	n/a	31%	16%	13%
Percent of new recruits who complete Academy training and probation	n/a	n/a	83%	84%	80%
Percent of frontline apparatus at or near end of useful life	n/a	n/a	28%	33%	5%



Measures	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18
<b>Prevention</b>					
Number of inspectable occupancies	39,883	40,135	40,264	40,375	41,015
Fires in inspectable occupancies	422	364	402	345	356
Fires in non-inspectable occupancies	279	266	305	302	294
Percent of high-hazard inspections within 27 months	62%	67%	77%	67%	65%
Total code violations found	16,525	14,625	13,171	9,902	13,865
Number of violations abated within 90 days	11,881	11,246	9,522	6,634	9,290
Percent violations abated within 90 days	72%	77%	72%	67%	67%
Number of fee code enforcement inspections	14,795	14,950	13,423	11,110	12,932
Number of fee code enforcement re-inspections	785	817	826	636	659
Number of plan reviews and permits	7,476	8,073	9,176	8,690	9,001
Number of fire incidents investigated	855	872	1,133	1,241	1,366
Number of arson fires	209	178	260	349	383
<b>Workforce Diversity / Sworn Employees</b>					
American Indian / Alaskan Native	3.2%	2.9%	2.9%	2.9%	3.0%
Asian / Pacific Islander	6.2%	6.3%	6.3%	6.3%	6.3%
Black / African American	3.6%	3.7%	4.0%	4.0%	3.7%
Hispanic / Latino	4.7%	4.9%	4.6%	4.8%	5.1%
White / European American	81.1%	81.1%	80.1%	79.9%	79.8%
Two or More Races	1.2%	1.1%	2.1%	2.1%	2.1%
Female (any race)	7.6%	7.6%	7.2%	7.2%	7.3%
Male (any race)	92.4%	92.4%	92.8%	92.8%	92.7%
<b>Workforce Diversity / Non-Sworn Employees</b>					
American Indian / Alaskan Native	0%	0%	0%	0%	0%
Asian / Pacific Islander	10.7%	7.1%	6.7%	6.9%	9.8%
Black / African American	1.8%	5.4%	5.0%	6.9%	3.9%
Hispanic / Latino	3.6%	5.4%	5.0%	5.2%	7.8%
White / European American	82.1%	80.3%	81.6%	79.3%	74.6%
Two or More Races	1.8%	1.8%	1.7%	1.7%	3.9%
Female (any race)	53.6%	48.2%	50.0%	47.0%	45.1%
Male (any race)	46.4%	51.8%	50.0%	53.0%	54.9%

If you have questions or comments on the content of this report, contact:  
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# 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

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