



OSFM's Microsoft Power BI Dashboard

# **User Guide**



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## OVERVIEW

This user guide is meant to provide some helpful information on how to use, interact with, and navigate the various tools and features contained in the Department's Microsoft Power BI dashboards. While the Center for Fire Analytics, Intelligence and Research tries to develop each dashboard with a consistent look, feel, and functionality, not all dashboards will contain the same features (given the breadth of user needs and data types). If you have any questions or need assistance with navigating a dashboard, please feel free to reach out to the Center for Fire Analytics, Intelligence and Research via our general service email address ([osfm.data@osfm.oregon.gov](mailto:osfm.data@osfm.oregon.gov)).

The screenshot shows a Power BI dashboard titled "OREGON Structural Fire Statistics (2023)". The dashboard includes several key components:

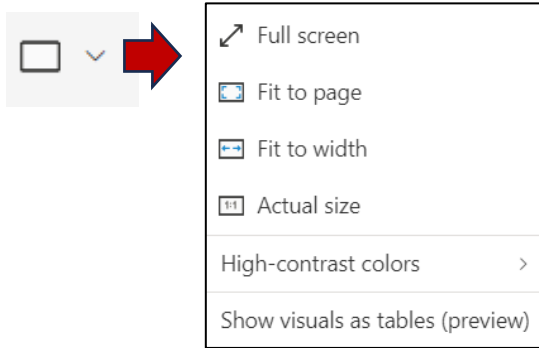
- 1.1 System View Selector:** A small icon in the top right corner of the dashboard window.
- 1.2 Filter Reset Button:** A square icon with a diagonal line, located in the top right of the main content area.
- 1.3 Main Slicer Panel Button:** A small icon in the top left of the main content area.
- 1.4 Subject Matter Counts:** A vertical list of four metrics on the left side:
  - Agencies: 305
  - Protected Population: 4,225,067
  - Protected Land Area (sq mi): 20,416
  - Buildings Count: 2,109,166
- 1.5 Map Area:** A map titled "Agency Primary Station Location" showing the state of Oregon with numerous red dots representing fire agency locations.

Other visible data includes:

- Incident Count Category Summary:** Total incidents: 562,048. Breakdown: Volunteer (4,843, 3%), Career (4,511, 65%), Average Low (4.5, 32%).
- Agency Staffing Classification:** Pie chart showing Volunteer (90, 33%), Career (16, 6%), and Combo (168, 61%).
- Agency Classification:** Bar chart showing Rural (184), Municipal (37), Combination (18), Tribal (3), and Suburban (2).
- NFIRS Incident Table:**

Agency	Fire	Resource	EMS	All Others
Adair RFPD	6	53	27	
Adrian RFPD	0	0	0	
Agness Illahe RFPD	3	0	0	
Albany FD	199	9,465	1,874	
Alfalfa Fire Dist.	15	64	9	
Alsea RFPD	1	0	0	
Amity Fire Dist.	28	304	87	
Applegate Valley RFPD	17	160	126	
Ashland Fire & Rescue	64	4,255	1,147	
<b>Total</b>	<b>17,135</b>	<b>367,597</b>	<b>177,316</b>	

### 1.1 System View Selector

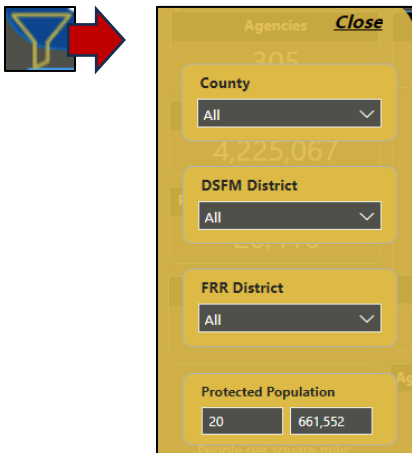


Allows you to adjust the size and/or contrast of the dashboard to a resolution that best fits the viewer's screen or preference.

### 1.2 FILTER RESET BUTTON

Clicking on the 'eraser' icon will reset all filters, slicers, and view selections to the default view (i.e., no filters, slicers, and/or view selections).

### 1.3 MAIN SLICER PANEL BUTTON



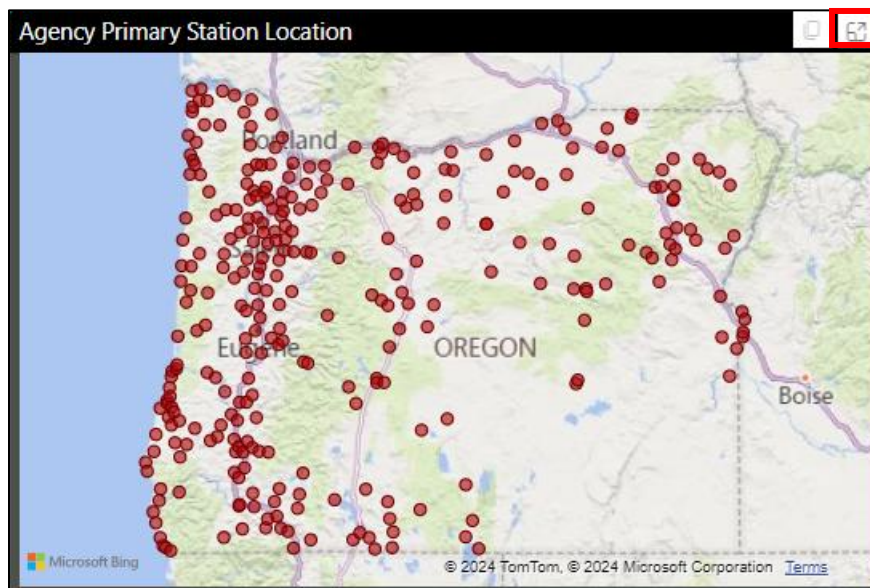
Clicking on the 'funnel' icon will reveal a popout panel containing the main dataset attributes (context) that are applicable to all visualizations contained in the dashboard. Slicers can be used to filter the visualizations to display information based on specific attributes in an interactive manner. They allow the user to easily and reliably 'ask' questions of the data. \*Quick trick: The charts and tables are interactive and act as slicers. Users can click on a specific attribute/field in a chart or table and the rest of the graphics will adjust accordingly.

## 1.4 SUBJECT MATTER COUNTS

In general, each dashboard has a section that contains the count(s) of the main subject matter(s) of the dashboard (e.g., casualties, inspections, incidents, etc.). If applicable, additional metrics and measures related to the main subject matter of the dashboard may be included in this area as well (e.g., daily average, percentage of total, etc.). These counts will be dynamically updated based on the filters, slicer, and view selections by the end user.

## 1.5 Map Area

Provides an overview of the available layers of geo-information (e.g., county demographics, social vulnerability, income index, etc.), including geo-coded point data of interest (e.g., casualties, inspections, incidents, etc.) in a visual format. Information contained in the map will dynamically respond to filters, slicers, and/or view selections made by the end user.



### 1.5.1 Focus Mode Selector



Clicking on this tool, located in the upper right-hand corner of the map, will open the visual in a larger window so you can see the details more clearly. The Focus Mode tool may also be available on other charts and graphs in the dashboard, which would function in the same manner.