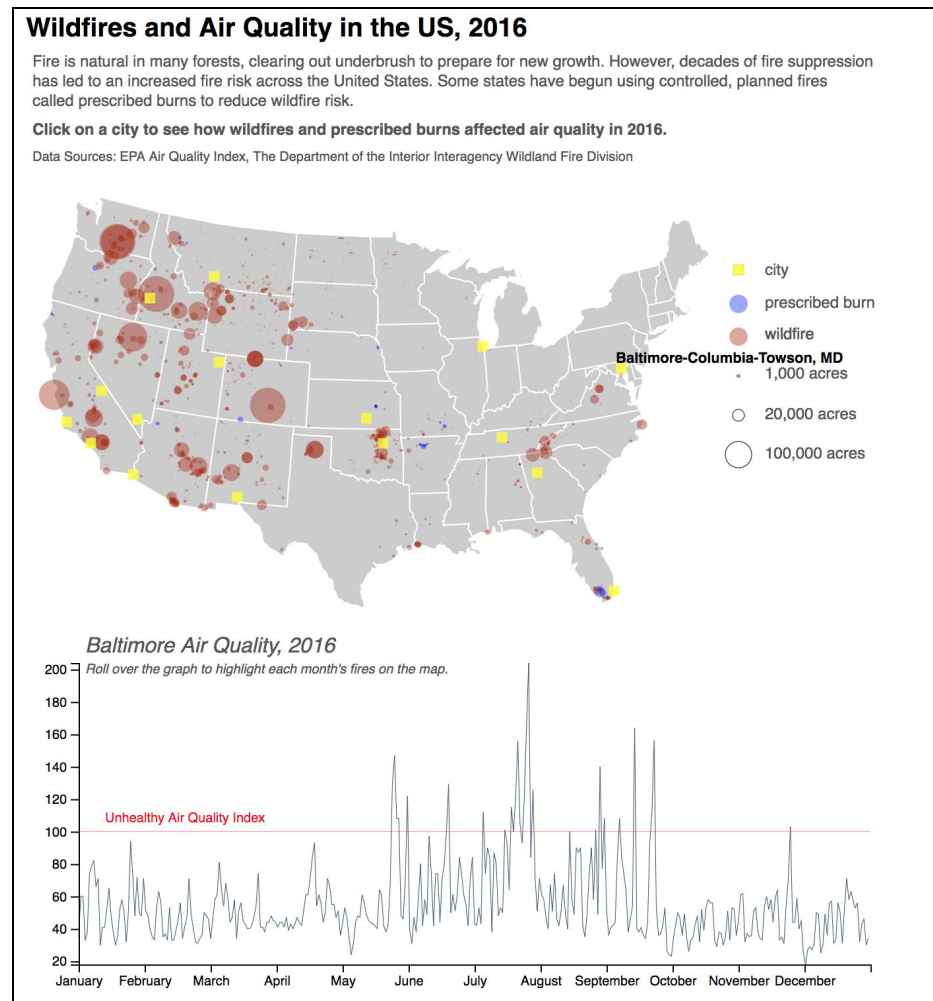


Wildfires and Air Quality

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This project aimed to explore the relationship between incidences of wildfires and controlled fires and air quality in major US cities. Fire is natural in many forests, clearing out underbrush to prepare for new growth. However, decades of fire suppression has led to an increased fire risk across the United States. Some states have begun using controlled, planned fires called prescribed burns to reduce wildfire risk.



When you land on the page, you are presented with a map of the US showing major cities and all of the fires recorded in 2016. Wildfires are shown in red and planned prescribed burns are shown in blue.

When you click on a city a chart depicting air quality throughout the year appears. The threshold for unhealthy air quality is shown on the chart. As you mouse over the chart, wildfires that occurred in each each month are highlighted on the map. Mousing over a city brings up the name of the statistical area and mousing over a fire brings up the date that the fire began.