

**Graph of the Week 3PA**

**Name** \_\_\_\_\_

**Date** \_\_\_\_\_

Questions to ask when reading graphs:

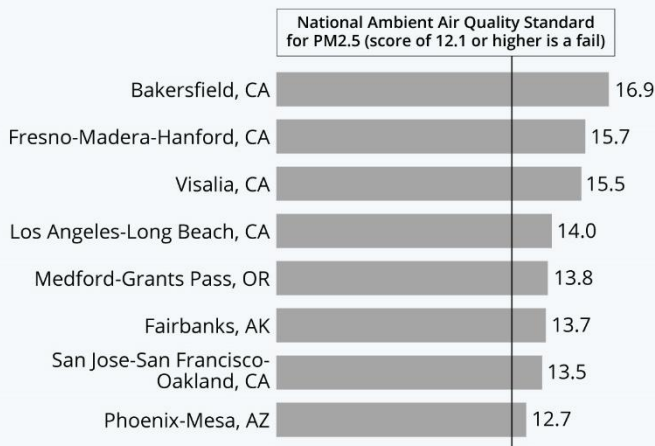
- Is there an upward or downward trend?
- Are there any sudden spikes in the graph?
- What is being compared in the graph?
- What prediction can I make for the future?
- What inferences can I make about the graph?

Analyze the graph below and write a reflection on what you think the graph is communicating to you. To guide you with your response, start with some observations.

- What is the topic of the graph?
- What quantities are being compared? If there are x- and y- axes, what do they represent?
- What are some observations you can make based on the graph?

## The Most Polluted Cities In America

Cities with the highest year-round levels of particle pollution in the U.S. (2017-2019)\*



\* Values based on ALA's design value - calculated concentration of a pollutant based on the National Ambient Air Quality standard for PM2.5.  
Source: American Lung Association's State of the Air 2021



**A. Analysis**

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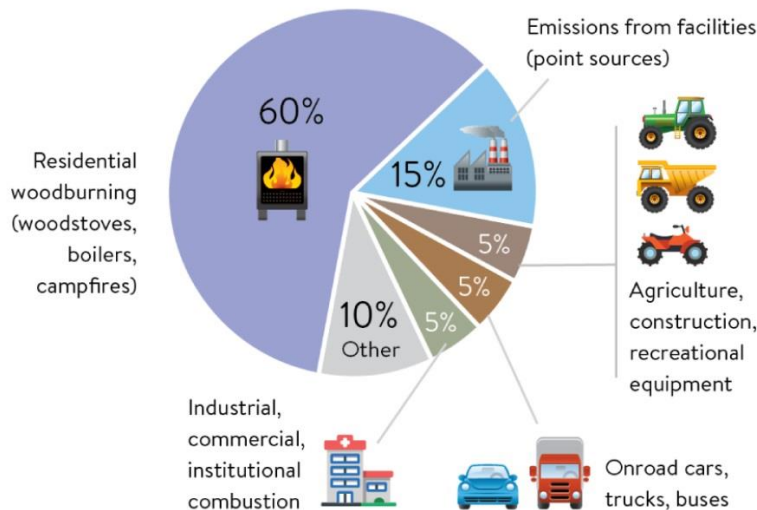
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## Fine particles (PM<sub>2.5</sub>)

Directly emitted from combustion sources



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**B. What can you foresee happening in the near future?**

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C. Based on your response in part B, what solution(s) can you investigate or what other information/resources can you gather to strengthen your argument?

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Make an illustration or represent the data in your own way in the space below:

