Name: _____ Date: _____

Data Visualization Analysis

Background
Data can be presented in several different ways to tell a story. The story told by data can be very complex, just like the story of how Earth has formed and changed over time. We often pay attention to the data that connects to us. Explore the data visualization and answer the following questions.

Observe
1. What do you notice about this visualization? Record 3 observations. Consider axes, title, type of visualization (line graph, bar chart, map, bubble chart, or other), time, etc.

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   _____

   _____

   _____

Analyze
1. List the variables in the visualization.

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   _____

   _____

2. A relationship between variables exists when one influences the other. Do you notice a relationship between any of the variables in the visualization? If so, describe the relationship you observe.

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   _____

   _____

Interpret
1. What trends or patterns do you notice in the data? In 1 -2 sentences, summarize the main takeaway of this visualization.

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2. If you had to explain this to an adult, what would you tell them in 2 – 3 sentences?

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Connect

1. How does this visualization connect to your world?

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2. How does this connect to what we are learning about in class right now?

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