Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Identifying and Interpreting Data (I2) Tool**

(Adapted from BSCS (2012). *I can: Student.* Retrieved from http://bscs.org/mss)

**Identify Interpret**

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| **What I See** | **What It Means** |
| What changes or differences do you see in the graph, table, or figure\*?  | Where/when do you see this happening in the graph, table, or figure?  | What do the changes or differences mean? What relationships do you see?  |
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\*Potential changes or differences: What is the highest and/or lowest point? Where is there an upward and/or downward slope? Where do numbers increase and/or decrease? What stands out? What patterns do you see? Where is there more and/or less?

**Topic Sentence**

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| What does this graph, table, or figure show? Hint: What are the labels? What is the title?**This (graph, table, or figure) shows \_\_\_\_\_\_\_\_\_\_.** |

**Construct a Caption**

Using the information in the boxes you have completed, write a caption for this graph, table, or figure that includes:

* A topic sentence that describes what the graph, table, or figure shows
* Each change or difference identified in “What I See”
* A comment for each change or difference about “What It Means”

**Caption**

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