**Activity #16**

**Name:**

**High School:**

**HSTA Teacher:**

**Birth Rate/Death Rate**

In the following data pairs

A = birth rate (per 1000 resident population)

B = death rate (per 1000 resident population)

The data are paired by county in Iowa Reference: County and City Data Book 12th edition, U.S. Dept. of Commerce

|  |  |  |
| --- | --- | --- |
| County  | Birth | Death |
| 1 | 12.7 | 9.8 |
| 2 | 13.4 | 14.5 |
| 3 | 12.8 | 10.7 |
| 4 | 12.1 | 14.2 |
| 5 | 11.6 | 13 |
| 6 | 11.1 | 12.9 |
| 7 | 14.2 | 10.9 |
| 8 | 12.5 | 14.1 |
| 9 | 12.3 | 13.6 |
| 10 | 13.1 | 9.1 |
| 11 | 15.8 | 10.2 |
| 12 | 10.3 | 17.9 |
| 13 | 12.7 | 11.8 |
| 14 | 11.1 | 7 |

Analyze using:

* Introduction
* Hypothesis
* Criteria
* Results
* Conclusion and Discussion

**Unemployment: College Grads Vs. High School**

In the following data pairs

A = Percent unemployment for college graduates

B = Percent unemployment for high school only graduates

The data are paired by year

Reference: Statistical Abstract of the United States

|  |  |
| --- | --- |
| College |  High School |
| 2.8 | 5.9 |
| 2.2 | 4.9 |
| 2.2 | 4.8 |
| 1.7 | 5.4 |
| 2.3 | 6.3 |
| 2.3 | 6.9 |
| 2.4 | 6.9 |
| 2.7 | 7.2 |
| 3.5 | 10 |
| 3 | 8.5 |
| 1.9 | 5.1 |
| 2.5 | 6.9 |

Analyze using:

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