

Name: _____

Date: _____

Unit 1 – Statistical Analysis Jigsaw Activity

1. Statistics: the study of, collection of, and interpretation of data; can be displayed in a graph or table
2. Descriptive Statistics: describe, show, or summarize the main features; describing patterns/trends
3. Inferential statistics: used to make judgments about the probability of something; draw conclusions (drawing conclusions from a survey, making predictions).
4. Population: the entire pool from which the statistical data is drawn from
5. Sample: a smaller selection taken from a larger group; used to represent the population
6. Random Sampling: drawing names from a hat; everyone has an equal chance of being selected
7. Systematic Sampling: picking every nth person or item
8. Cluster Sampling: samples pulled from groups based on geography
9. Stratified Sampling: samples pulled from groups based on different categories
10. Convenience Sampling: what's close to you, ex. First 100 people out of the library
11. Categorical Data: group data; based on "categories" or characteristics; ex. Hair color
12. Quantitative Data: information that can be measured and written down with numbers; ex. height