Why?

Essential Questions

1. What is statistics?
2. How can we display single variable data?
3. How can we summarize single variable data?
4. How do we measure the spread and variance of a set of data?
5. How do we critically analyze graphical displays and numerical summaries?
6. When is data normal?

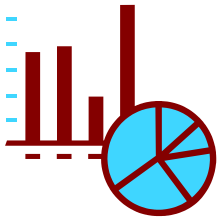
Enduring Understanding

Students will construct, interpret, and compare graphical displays and numerical summaries.

What?

MCPS Indicators and Standards

1. Construct and interpret graphical displays of univariate data.
2. Recognize the connection between a histogram and a density curve.
3. Find and analyze measures of center, spread, and position.
4. Compare two or more distributions of data.
5. Discuss the effect of changing units on summary measures and graphical displays.
6. Assess the normality of a set of data and analyze characteristics of normally distributed data.



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