



The Statistics in Schools program offers K-12 teachers free resources to help students understand the value and everyday use of statistics.



MATH

Use real-life data to teach your students about the importance of math and statistics with these engaging standards-based activities.

Math

Teach your students about the importance of math and statistics with resources that engage students by using real life data. Click below on the specific grade levels to discover activities on a variety of topics.

[All](#)
[Grades K - 5](#)
[Grades 6 - 8](#)
[Grades 9 - 12](#)

Using Fractions to Compare Amusements Parks By States
Students will predict how many amusement parks are in their state.

Analyzing Relationships: Marriage, Divorce, and Linear Regression
Students will examine census data on marriage and divorce rates for women and men in each state and the District of Columbia.

Let's Count!
Students will count items in their classroom, record this information in a data table, and analyze and understand uses for such data.

Immigration Nation
Students will examine data of the number of immigrants to the United States, to create bar graphs and line graphs with appropriate scales.

Comparing My State
Students will compare data for two states using comparison symbols and both rounded and unrounded (exact) numbers.

Extracurricular Activities
Boys ages 4 to 17
40% Sports
26% Lessons
24% Clubs
Girls ages 4 to 17
30% Sports
33% Lessons
31% Clubs

How Does Our Class Compare?
Students will collect, organize, and compare data about the number of boys in their classroom who play sports, take lessons, and participate in clubs.

Changes in My State
Students will learn about their state as they collect and organize business information using State Facts for Students, a U.S. Census Bureau data tool.

Commuting to Work: Box Plots, Central Tendency, Outliers
Students will calculate various measures of central tendency using data on the number of people who bike to work in select states.

HISTORY

Bring Census Bureau data to life for your students with these standards-based activities based on a range of historical eras and a variety of topics.

History

Click below on the grade levels to discover activities based on a range of historical eras and a variety of topics. Statistics in Schools activities supplement the standard curriculum while providing useful learning tools related to real life data.

[All](#)
[Grades K - 5](#)
[Grades 6 - 8](#)
[Grades 9 - 12](#)

The Progressives and the 1920 Census
Interpret and analyze a political cartoon about the 1920 Census.

Examining Changes in Data
Students will analyze and compare census data on the education levels of African-Americans in 1850 and in 1880.

Missouri Compromise - Free vs. Slave States
Introduces students to the Missouri Compromise and the issues associated with the expansion of slavery.

Population Profile of Our New Nation
Refer to the 1790 and 1800 Censuses to compare the total population with the population of enslaved people, drawing conclusions from the data.

Adopting an Entrepreneurial Mindset - Using Census Data for Business
Students will use the Census Business Builder data access tool to gather and analyze information that entrepreneurs may consider when opening a business.

Exploring the Great Migration - 1910-1970
Consider the causes and effects of waves of migration and compare the historical data with more recent data on migration overall.

Westward Bound - Illinois, Indiana, Missouri, and Ohio
Learn about population movement, migration trends, and the westward expansion of the early 1800s.

"I Have a Dream" - Learning About Martin Luther King Jr.
Analyze census data and graphs that demonstrate how lives of African-Americans were changed by Martin Luther King Jr.'s "I Have a Dream" speech.



Check out the Statistics in Schools website for more activities on subjects including geography and sociology.