TOP 10 BENEFITS OF
STATISTICS IN SCHOOLS FOR TEACHERS

The Statistics in Schools (SIS) program of the U.S. Census Bureau provides data, tools, and activities that educators can incorporate into their lessons to help teach statistics concepts and data analysis skills to students. The activities and resources are segmented by subject (English, geography, history and social studies, mathematics and statistics, and sociology) and grade (from kindergarten through high school) so statistics education can be brought to any classroom.

Here are the top 10 reasons the SIS program is good for the classroom:

1 **The online resources are free for K-12 teachers.**

Educators can access, at no charge, more than 100 downloadable activities and resources on the website: www.census.gov/schools. The activities on the website are searchable by grade, school subject, topic, and education standard.

2 **Experts from the U.S. Census Bureau contributed to the program.**

The Census Bureau, which launched SIS, is the primary source of economic and demographic data for the United States. Census Bureau statistical experts were involved in the creation of the program activities, making SIS uniquely qualified to support statistics education.

3 **The program promotes cross-curricular education.**

SIS uses a broad array of Census Bureau data to provide activities and resources for courses in English, geography, history and social studies, mathematics and statistics, and sociology.

4 **SIS offers a number of resources and tools, including:**

- Activities
- Maps
- News articles
- Videos
- Games
- Infographics and data visualizations
- Data tools that reveal population statistics by sex, age, ethnicity, and race

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5 **SIS activities were developed by teachers for teachers.**

Educators and subject matter experts from across the country created and reviewed the activities to make sure they are useful.

6 **SIS activities can supplement your curriculum.**

The activities and resources are designed to support, not replace, existing lesson plans.

7 **The program helps teach students the crucial skills they need to thrive in an increasingly data-driven world.**

Recent research from the Bureau of Labor Statistics shows that the number of jobs related to statistics is expected to increase by more than 30 percent between 2014 and 2024.

8 **SIS reaches students by using technology to teach statistics.**

SIS includes a number of tools that students can use to access data such as State Facts for Students, which allows students to discover information about their state; QuickFacts, an application that displays tables, maps, and charts of frequently requested statistics; and Census Business Builder, an easy way to access and use key demographic and economic data.

9 **The program can be extended or modified easily.**

Not all students have the same skill levels or interests, or learn in the same way. Therefore, SIS gives educators ways to modify activities to meet the unique needs of every classroom. For example, some activities can be tailored using local data.

10 **SIS matches activities with relevant education standards and guidelines. These include the following, organized by subject:**

Geography
- Geography for Life: National Geography Standards

English, History and Social Studies
- Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects
- UCLA National Standards for History

Mathematics and Statistics
- American Statistical Association's Guidelines for Assessment and Instruction in Statistics Education
- Common Core State Standards for Mathematics and for Mathematical Practice
- National Council of Teachers of Mathematics' Principles and Standards for School Mathematics

Sociology
- American Sociological Association's National Standards for High School Sociology

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