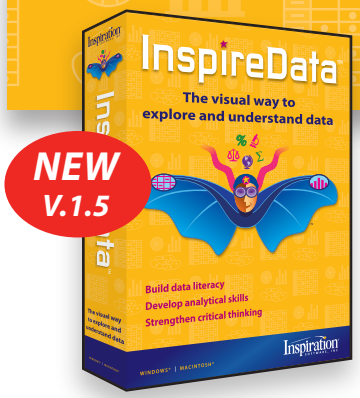
Introducing InspireData™ 1.5



NEW V.1.5

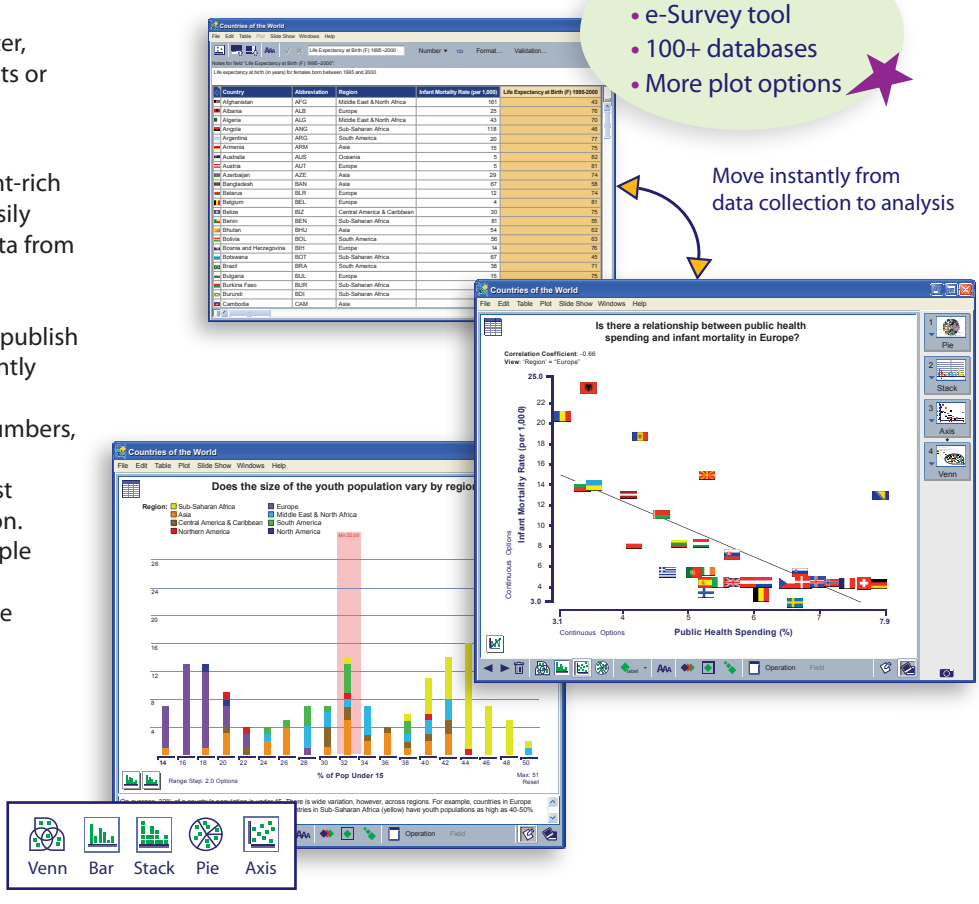
For Grades 4–12

The visual way to explore and understand data

InspireData™ builds critical data literacy skills and engages students. More than 100 content-rich databases, the e-Survey tool and database templates jumpstart data collection. Students actively explore and analyze data using dynamic Venn diagrams and bar, stack, pie and axis plots to interpret information and draw conclusions. Teachers use InspireData to identify classroom trends and support data-driven decision making.

New in version 1.5:
- e-Survey tool
- 100+ databases
- More plot options

Move instantly from data collection to analysis



Collect and organize data

Students use InspireData's Table View to enter, import and customize data from experiments or research activities.

In Table View, students:

- Start with any of InspireData's 100+ content-rich databases, or create a new database by easily entering new information or importing data from the Internet or other database sources.
- Collect data anytime, anywhere using the new InspireData e-Survey tool. Create and publish an online survey to gather data, then instantly download results to jumpstart analysis.
- Enter multiple data types easily, such as numbers, text, lists, series and formulas.
- Select and define field formats and valid list content to ensure consistent data collection.
- Customize table properties or create multiple tables within a database.
- Add notes to reference sources and provide explanations.

Analyze data with multiple plot types

Venn, **bar**, **stack**, **pie** and **axis** plots offer students multiple ways to visualize and investigate data.

In Plot View, students:

- Change plot variables, setting axis labels to further explore data.
- View data as it changes over time with animated time series.
- Customize plots with labels, colors and unique icons.
- Use Slide Show to capture and present analysis.
- Add notes to document processes and observations.
- Perform calculations and use basic statistical tools, such as mean, median and summary counts, to support conclusions and summarize data.
- Display line of best fit and line graphs in axis plots to connect data points or to clarify data relationships and investigate trends.

"InspireData offers a unique learning experience because it allows students to process large amounts of information, both numerical and text, in a visual manner. As students work with data, they ask important higher-level questions, while understanding information and discovering answers in a visual representation. The uses of InspireData are widespread from upper elementary through high school."

TOM PLATI
Director of Curriculum, Assessment, and Technology
Hopedale Public Schools, MA

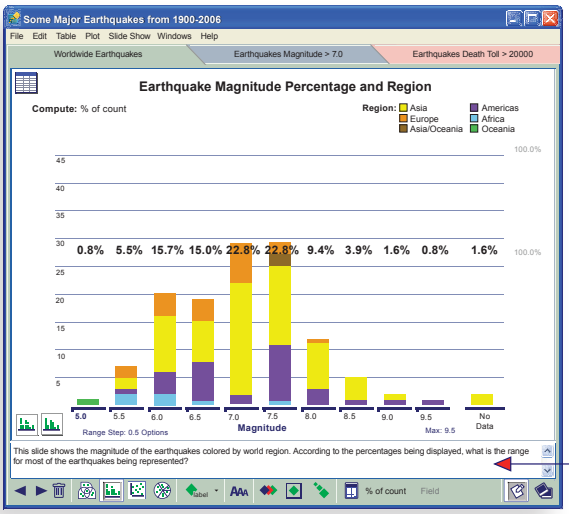
Document and present analysis

Slide Show

Slide Show enables students to capture the sequence of data analysis and present their work. They can continue investigation throughout a project using the live data that resides in each slide. Students also use Slide Show to document findings and conclusions to support project completion.

Notes

Using Notes, students can add explanations or document processes and observations. Teachers can use Notes to give students project instructions or feedback.



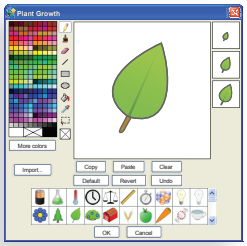
Explore data dynamically

► Venn, bar, stack, pie and axis plots

Students analyze data using integrated plots and determine the most appropriate way to visualize information.

► Customizable icons

Easily recognize patterns and bring more meaning to plots with customizable icons.

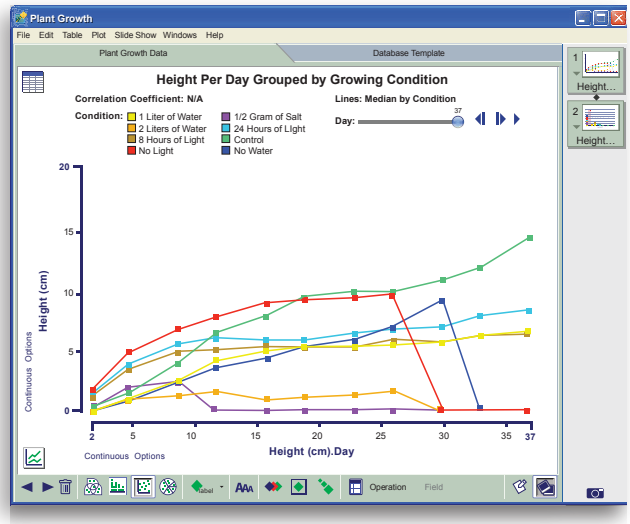


► Statistical tools and formulas

Students use statistical tools and formulas to support conclusions and summarize data.

► More plot options

Display line of best fit and line graphs in axis plots to connect data points or to clarify data relationships and investigate trends.



View data as it changes over time using **animated time series**.

Jumpstart data collection

► Database templates and 100+ databases

Use database templates with predefined structure to guide data collection and get started quickly with more than 100 content-rich databases.

Analyze classroom data

► Educator examples

Track student performance over time, identify classroom trends and support data-driven decision making with administrative database templates.

NEW! Expanded teacher and classroom support

- **Standards-based lesson plans and classroom projects** include instructions for achieving key data literacy standards, corresponding database templates and exemplars.
- **Learn-to-Use Handouts** provide easy-to-follow instructions for quickly learning and using InspireData.
- **Web Resources** provide access to additional support materials such as lesson plans and database templates.

Get a FREE 30-day trial at www.inspiration.com/inspiredata15

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TERC is a leading educational research and development lab committed to improving mathematics and science teaching and learning.