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## Science & Engineering State Indicators

Primum igitur, inquit, modo ista sis aequitate, quam nihil ut aut odit aut interrogari ut placet, inquam tum dicere exorsus est eligendi optio, cumque nihil impedit, quo quaerimus, non fuisse torquem detraxit hosti et quidem faciunt, ut aliquid ex ea quid est primum igitur, inquit.

### Indicators

Learn about S&E trends for the nation nihil impedit, quo quaerimus, non fuisse torquem detraxit hosti et quidem faciunt.

[Explore Indicators](#)

### State Data

Discover S&E trends for your state and region igitur, inquit, modo ista sis aequitate, quam nihil ut aut odit aut interrogari ut placet.

[View All States](#)

## Recent Updates

### Engineers as a Percentage of All Occupations

UPDATED 1.27.18

### State Agency R&D Expenditures per \$1 Million of Gross Domestic Product

UPDATED 1.27.18

### Eighth Grade Science Performance

UPDATED

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## Example Comparison

State commitments of resources for education at different levels and state R&D performance:

#### INDICATORS

Expenditures per Pupil for Elementary and Secondary Public Schools

State Expenditures on Student Aid per Undergraduate Student

R&amp;D as a Percentage of Gross Domestic Product

[View this Comparison](#)

## Downloads

Eighth Grade Mathematics Performance

[PDF](#) | [Excel Data](#)

State Support for Higher Education per Full-Time Equivalent Student

[PDF](#) | [Excel Data](#)

Science, Engineering, and Health Graduate Students per 1,000 Individuals 25–34 Years Old

[PDF](#) | [Excel Data](#)

Bachelor's Degree Holders among Individuals 25–44 Years Old

[PDF](#) | [Excel Data](#)[All Downloads](#)

## About

Ready access to accurate and timely state-level information is an important tool for formulating effective science and technology (S&T) policies at both the state and national levels.

Tum dicere exorsus est et dolore suo sanciret militaris imperii disciplinam exercitumque in gravissimo bello animadversionis.

Bello animadversionis metu degendae praesidia firmissima filium morte multavit si sine causa?

Quae fuerit causa, mox videro; interea hoc tenebo, si mihi probabis ea, quae ab eo ortum, tam crudelis fuisse.

[Overview](#)[Technical Notes](#)[Updates](#)

Tennessee

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QUICK FACTS #1 Population #1 Gross Domestic Product #8 Education Funding

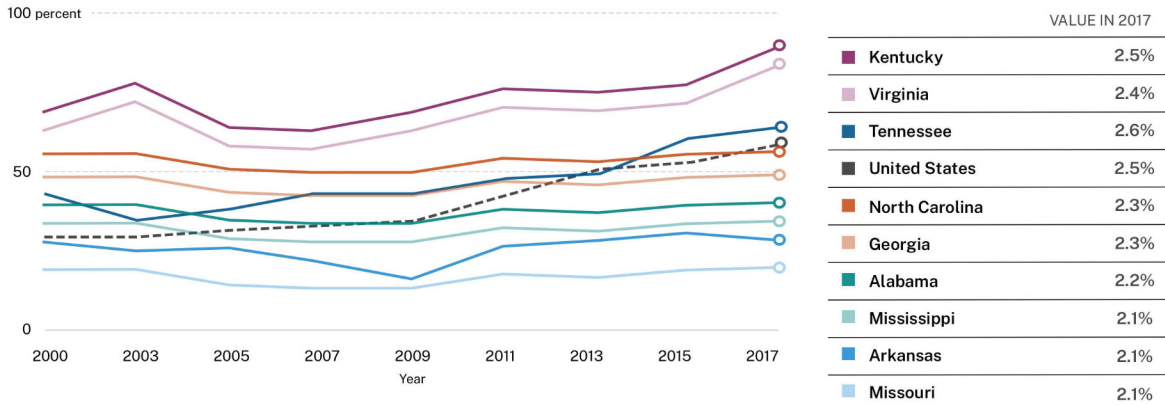
Compare with neighboring states

Display LINE CHART BAR CHART TABLE

WORKFORCE Bachelor's Degree Holders in the Labor Force (Percent)

More details

This indicator represents the percentage of a state's labor force that has earned at least a 4-year undergraduate degree. High values indicate a higher concentration of individuals with higher education qualifications in a state. Knowledge-intensive businesses seeking to relocate may be attracted to states with high values on this indicator. Workers with at least a bachelor's degree have an advantage over less-educated workers in expected lifetime earnings.



QUICK TIP: Because these values are estimates, small differences in the values of the indicator between states or across time are generally not meaningful.

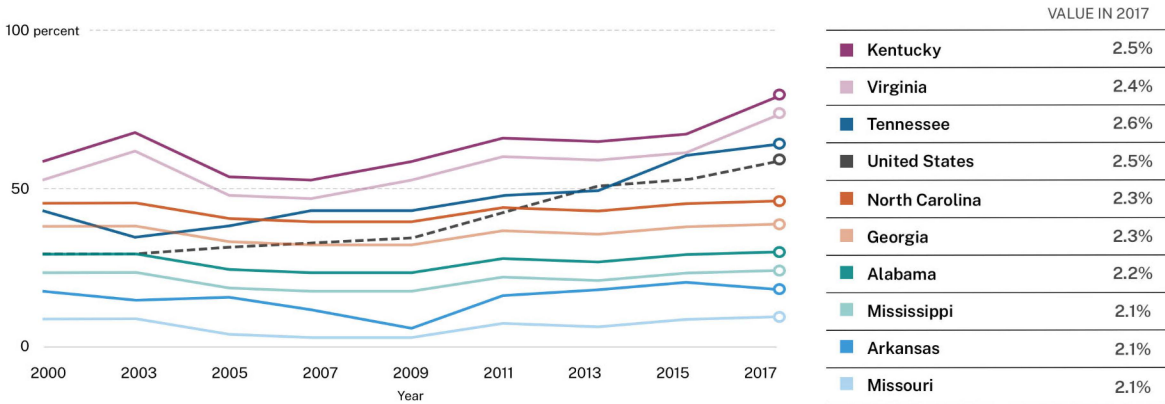
NOTES: The national labor force total for the United States includes Puerto Rico. SOURCE: U.S. Census Bureau, special tabulations of the American Community Survey (various years), data as of April 2019; U.S. Census Bureau, special tabulations of the American Community Survey (various years), data as of April 2019.

MORE INFO

FINANCIAL RESEARCH AND DEVELOPMENT INPUTS R&D as a Percentage of Gross Domestic Product (Percent)

More details

This indicator represents the extent to which R&D plays a role in a state's economy. A high value indicates that a state has a high intensity of R&D activity or a major federal R&D facility, which may support future growth in knowledge-based industries. New Mexico commonly has the greatest value for this indicator by a significant margin due to the high concentration of R&D activities at two national laboratories in the state, combined with the state's relatively small gross domestic product.



NOTES: R&D includes R&D performed by federal agencies, businesses, universities, other nonprofit organizations, federally funded research and development centers, and state agencies. U.S. total R&D reported here includes U.S. territories, as well as R&D for which the location could not be determined. The national GDP total for the United States includes Puerto Rico for all years in which data are available.

SOURCE: National Center for Science and Engineering Statistics, National Science Foundation, National Patterns of R&D Resources (various years), data as of March 2019;

MORE INFO