

VITAL SIGNS: HELPING YOU MAKE THE CASE FOR STEM

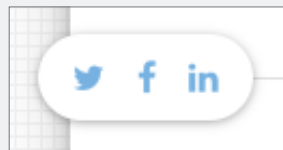
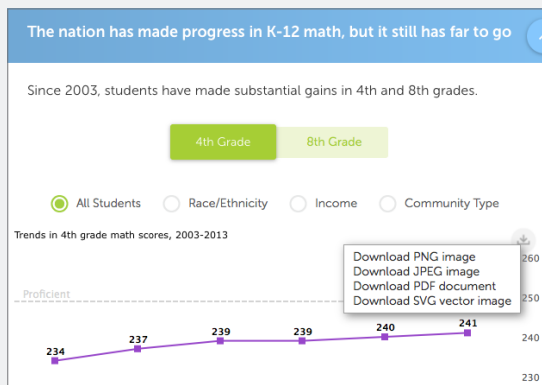
Whether you're charged with identifying STEM funding opportunities or use data to inform your STEM priorities, understanding the state of STEM education where you live and work is critical to success. And smart investments in STEM education can have tremendous impact on the lives of young people.

That's why Change the Equation has updated and redesigned Vital Signs to make it easier than ever to use and share. The site is a unique, comprehensive, current data tool for examining STEM education, state-by-state. Vital Signs features easy to read and understand information on more than 50 indicators per state and clear, concise analysis of what the data mean, as well as a national overview that provides a context for state data.

Not content to only understand and examine the shortcomings in STEM education, Vital Signs helps you connect the biggest challenges in STEM education with effective solutions. The tool offers a variety of ways to make the most out of state and national data.

DOWNLOAD

Download charts and graphs to use in presentations, on the web, and via social media. Easily link to data that you find compelling.



Share a link with your followers

Vital Signs in STEM for United States - Stem Achievement
<http://vitalsigns.changetheequation.org/state/united-states/achievement#math-progress>

Phone, email or username 68 Log in and Tweet

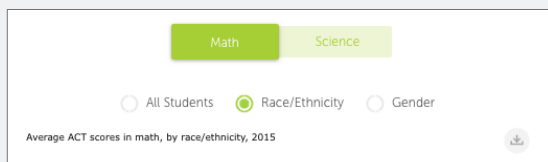
Password

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COMPARE

Compare state and national progress and see where specific states need attention in areas such as diversity, community type, grade level, gender, and income.



EXAMINE

Examine the challenges in STEM education and connect directly to the STEMworks programs that are addressing those challenges locally and nationwide.

District of Columbia

Help more District of Columbia high school students succeed in advanced classes

Boosting the percentages of District of Columbia's high school graduates who succeed in Advanced Placement can put more students on a path to STEM careers

Math Science

Of the high school graduating class of 2013 in District of Columbia

	Took AP Math Exam	Scored 3+ on AP Math Exam
All Students	15%	3%
White	56%	36%
Black	6%	1%
Hispanic	17%	2%
Asian	49%	27%
American Indian/Alaska Native	N/A	N/A

SOURCE: College Board, 2013

STEMworks programs helping students take and succeed in AP courses:

Physics Teaching Resource Agents (PTRAs)

National Math and Science Initiative's College Readiness Program

Visit STEMworks site

If you would like more information about how you can make the most of Vital Signs or a guided tour, please contact Buffy DeBreaux-Watts at 202.524.4380 or bdwatts@changetheequation.org.

