

The State of STEM in Your State – 2017



MISSOURI STATE REPORT

The average STEM score for Missouri's graduating class of 2017 was **20.5**.

Percentage of all Missouri ACT-tested HS Graduates Meeting ACT College Readiness Benchmarks by Subject

	Math	Science	STEM
Met Benchmark	34%	34%	16%
Within 1-2 Points of Benchmark	8%	15%	10%

Missouri College Readiness Benchmark Percentages by Race/Ethnicity

Race	Math	Science	STEM
2 or More Races	31%	33%	14%
White	40%	39%	19%
Pacific Islander	19%	16%	7%
Hispanic	25%	23%	9%
Asian	63%	54%	40%
Native American	19%	20%	6%
Black	10%	10%	3%

The data in this report represent all ACT-tested students in Missouri's 2017 graduating class.

Tomorrow's STEM Workforce in Missouri

27,603 Missouri students, or 40%, had an interest in STEM, but only 9,441 (14%) had **both** an expressed interest (they plan to pursue a STEM major or career) and a measured interest (their ACT Interest Inventory score pointed to a STEM field).

Missouri's future STEM educator pipeline may be in danger—only 137 students planned to enter math education, and only 54 science education.

MISSOURI STEM STUDENT PROFILE

Jonathon Griese

Homeschool, *class of 2018*

In what grade did you first become interested in a STEM field?

Seventh Grade

What sparked your interest in STEM?

My interest in STEM sparked when I took algebra and realized there was more to math than long division.

How do you picture your future, in higher education and career?

I plan on becoming a mathematician, which has been my dream job since seventh grade.

What challenges do STEM students face when following through with their interest in STEM fields?

I think STEM students face a stereotype that people think every single one of us is like Sheldon Cooper. When in reality, most of us are of normal intelligence, but we're just passionate about our subject.



ACT thanks STEMPremier for sharing student STEM profiles for this report.



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