

The State of STEM in Your State – 2017



WYOMING STATE REPORT

The average STEM score for Wyoming's graduating class of 2017 was **20.4**.

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

	Math	Science	STEM
Met Benchmark	34%	34%	14%
Within 1-2 Points of Benchmark	9%	16%	11%

Wyoming College Readiness Benchmark Percentages by Race/Ethnicity

Race	Math	Science	STEM
2 or More Races	32%	39%	12%
White	37%	37%	16%
Pacific Islander	0%	0%	0%
Hispanic	21%	24%	6%
Asian	50%	52%	33%
Native American	6%	8%	4%
Black	18%	18%	9%

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

Tomorrow's STEM Workforce in Wyoming

3,058 Wyoming students, or 49%, had an interest in STEM, but only 1,070 (17%) 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).

Wyoming's future STEM educator pipeline may be in danger—only 14 students planned to enter math education, and only 9 science education.

WYOMING STEM STUDENT PROFILE

Riley Boltz

Central High School, *class of 2018*

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

Sixth Grade

What sparked your interest in STEM?

I excelled impressively in science and mathematics, which prompted my teachers to direct me onto an advanced path. I have been fascinated by the way the world works and how to create.

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

NASA - aerospace engineering

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

For myself, the challenges include finding the right college that actually offers the degree I am planning on seeking.



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



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