COLORADO STATE REPORT

The average STEM score for Colorado's graduating class of 2017 was **20.9**.

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

	Math	Science	STEM
Met Benchmark	38%	37%	19%
Within 1-2 Points of Benchmark	8%	14%	11%

Tomorrow's STEM Workforce in Colorado

23,399 Colorado students, or 39%, had an interest in STEM, but only 8,280 (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).

Colorado's future STEM educator pipeline may be in danger—only 49 students planned to enter math education, and only 35 science education.

Colorado College Readiness Benchmark Percentages by Race/Ethnicity

Race	Math	Science	STEM
2 or More Races	42%	41%	21%
White	50%	49%	28%
Pacific Islander	28%	28%	14%
Hispanic	20%	19%	7%
Asian	59%	51%	34%
Native American	21%	20%	7%
Black	17%	17%	6%

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

COLORADO STEM STUDENT PROFILE

Bradley Baker

St Mary's High School, *class of 2018*

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

Ninth Grade

What sparked your interest in STEM?

My family is along line of engineers who have been happy and successful in their occupations. I see the great potential in continuing the family ways.

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

I aspire to be a nuclear engineer after college.

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

In the modern world, STEM students face the fact that success is determined increasingly less by academic prowess and more by financial ability. Far too many students are deterred by the process of finding, funding, and attending higher education.

ACT®

STEMPremier®