

The State of STEM in Your State – 2017



WASHINGTON STATE REPORT

The average STEM score for Washington's graduating class of 2017 was **22.2**.

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

	Math	Science	STEM
Met Benchmark	51%	44%	30%
Within 1-2 Points of Benchmark	6%	13%	12%

Washington College Readiness Benchmark Percentages by Race/Ethnicity

Race	Math	Science	STEM
2 or More Races	55%	50%	34%
White	63%	56%	37%
Pacific Islander	17%	11%	6%
Hispanic	18%	15%	7%
Asian	70%	55%	44%
Native American	17%	20%	8%
Black	15%	12%	5%

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

Tomorrow's STEM Workforce in Washington

9,796 Washington students, or 50%, had an interest in STEM, but only 3,727 (19%) 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).

Washington's future STEM educator pipeline may be in danger—only 47 students planned to enter math education, and only 10 science education.

WASHINGTON STEM STUDENT PROFILE

Trielle Alstead

Bellarmine Preparatory 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 curiosity of how things work influences my career interests. When my physics teacher began discussing astrophysics, I knew that this was the topic I wanted to study in college.

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

Astrophysicist



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

STEM students face rigorous class schedules and the challenge of keeping up with challenging coursework. Because of this academic intensity, other aspects of STEM students' lives may be temporarily pushed aside.

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

