

The State of STEM in Your State – 2017



HAWAII STATE REPORT

The average STEM score for Hawaii's graduating class of 2017 was **19.5**.

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

	Math	Science	STEM
Met Benchmark	29%	26%	12%
Within 1-2 Points of Benchmark	7%	13%	9%

Hawaii College Readiness Benchmark Percentages by Race/Ethnicity

Race	Math	Science	STEM
2 or More Races	29%	26%	12%
White	42%	41%	19%
Pacific Islander	8%	7%	3%
Hispanic	21%	20%	7%
Asian	39%	34%	17%
Native American	6%	0%	0%
Black	21%	15%	5%

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

Tomorrow's STEM Workforce in Hawaii

5,870 Hawaii students, or 49%, had an interest in STEM, but only 1,947 (16%) 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).

Hawaii's future STEM educator pipeline may be in danger—only 19 students planned to enter math education, and only 4 science education.

HAWAII STEM STUDENT PROFILE

Mindy Thai

Sacred Hearts Academy, *class of 2018*

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

Fifth Grade

What sparked your interest in STEM?

A lab in fifth grade where we were testing the pH of different solutions. I was fascinated by the methodical process and patterns in data we found. In science, my curiosity both grew and was sated.

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

Forensic Scientist with a specialization in Toxicology or Cybersecurity

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

STEM students forget about their creative side that makes them human; so focused on logic that they forget to love and live. Science, after all, is merely an attempt to sate one's curiosity and, through that new-found knowledge, help our fellow brethren.



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



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