

The State of STEM in Your State – 2017



MINNESOTA STATE REPORT

The average STEM score for Minnesota's graduating class of 2017 was **21.8**.

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

	Math	Science	STEM
Met Benchmark	48%	42%	24%
Within 1-2 Points of Benchmark	8%	15%	13%

Minnesota College Readiness Benchmark Percentages by Race/Ethnicity

Race	Math	Science	STEM
2 or More Races	40%	36%	18%
White	57%	50%	29%
Pacific Islander	31%	24%	13%
Hispanic	24%	21%	9%
Asian	44%	34%	23%
Native American	15%	12%	2%
Black	16%	12%	5%

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

Tomorrow's STEM Workforce in Minnesota

27,269 Minnesota students, or 45%, had an interest in STEM, but only 10,186 (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).

Minnesota's future STEM educator pipeline may be in danger—only 137 students planned to enter math education, and only 65 science education.

MINNESOTA STEM STUDENT PROFILE

Jackson Lennox

University of Minnesota - Morris, *class of 2021*

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

Eleventh Grade

What sparked your interest in STEM?

My high school physics teacher sparked my interest because his class involved a lot of research and experiments, and they interested me greatly.

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

I will be pursuing a career in engineering.

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

I think a lot of students struggle with mental barriers and self-doubt.



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



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