

The State of STEM in Your State – 2017



MICHIGAN STATE REPORT

The average STEM score for Michigan's graduating class of 2017 was **24**.

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

	Math	Science	STEM
Met Benchmark	64%	58%	39%
Within 1-2 Points of Benchmark	8%	16%	15%

Michigan College Readiness Benchmark Percentages by Race/Ethnicity

Race	Math	Science	STEM
2 or More Races	61%	57%	35%
White	69%	63%	41%
Pacific Islander	65%	46%	31%
Hispanic	52%	44%	27%
Asian	85%	74%	64%
Native American	41%	37%	18%
Black	22%	18%	7%

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

Tomorrow's STEM Workforce in Michigan

16,558 Michigan students, or 55%, had an interest in STEM, but only 6,966 (23%) 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).

Michigan's future STEM educator pipeline may be in danger—only 56 students planned to enter math education, and only 16 science education.

MICHIGAN STEM STUDENT PROFILE

Onyewuchi Ndukwe

Lee M. Thurston High School, *class of 2019*

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

Fifth Grade

What sparked your interest in STEM?

Honestly, for me it was never a specific person; it was looking at how different countries battle with basic health care. My main goal is to go back to my home country, Nigeria, and build a organization that provides glasses and contact lenses.



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

Optometrist

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

I will definitely say lack of opportunity because there are many factors that lead to it, from race, financial issues, and also the lack of networking.

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

