

The State of STEM in Your State – 2017



NORTH DAKOTA STATE REPORT

The average STEM score for North Dakota's graduating class of 2017 was **20.8**.

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

	Math	Science	STEM
Met Benchmark	40%	33%	16%
Within 1-2 Points of Benchmark	10%	16%	11%

North Dakota College Readiness Benchmark Percentages by Race/Ethnicity

Race	Math	Science	STEM
2 or More Races	33%	30%	14%
White	45%	37%	18%
Pacific Islander	0%	10%	0%
Hispanic	24%	16%	5%
Asian	56%	32%	28%
Native American	9%	6%	1%
Black	10%	5%	2%

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

Tomorrow's STEM Workforce in North Dakota

3,368 North Dakota students, or 46%, had an interest in STEM, but only 1,186 (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).

North Dakota's future STEM educator pipeline may be in danger—only 20 students planned to enter math education, and only 12 science education.

NORTH DAKOTA STEM STUDENT PROFILE

Travis Dean

Stanley High School, *class of 2018*

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

Eighth Grade

What sparked your interest in STEM?

My family travelled a lot when I was younger, and so I grew up loving flying and learning about aviation.

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

Air Traffic Controller, Network Administrator

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

They can't find good classes that teach them the hands-on skills required for STEM fields, so they don't get the skills they need.

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

