# The State of STEM in Your State – 2017


## INDIANA STATE REPORT

The average STEM score for Indiana's graduating class of 2017 was **22.6**.

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

| | Math | Science | STEM |
|---|---|---|---|
| **Met Benchmark** | 55% | 47% | 28% |
| **Within 1-2 Points of Benchmark** | 8% | 16% | 14% |

### Indiana College Readiness Benchmark Percentages by Race/Ethnicity

| Race | Math | Science | STEM |
|---|---|---|---|
| 2 or More Races | 48% | 40% | 23% |
| White | 61% | 52% | 31% |
| Pacific Islander | 45% | 45% | 20% |
| Hispanic | 39% | 31% | 17% |
| Asian | 77% | 65% | 55% |
| Native American | 42% | 40% | 19% |
| Black | 18% | 14% | 5% |

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

## Tomorrow's STEM Workforce in Indiana

12,830 Indiana students, or 52%, had an interest in STEM, but only 5,250 (21%) 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).

Indiana's future STEM educator pipeline may be in danger—only 53 students planned to enter math education, and only 23 science education.

# INDIANA STEM STUDENT PROFILE

## Cody Corneglio

Vincennes University, *class of 2021*

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

Tenth Grade

**What sparked your interest in STEM?**

I have always had an interest in machines, particularly engines, and I was mostly interested in how they work. I became interested in pursuing a STEM field when I started building a high performance engine for my truck and I really enjoyed it.

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

I am currently a diesel technician which I became through the opportunity I was offered through STEM, but I can see myself possibly becoming management in the diesel industry in the future...

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

I believe a major challenge STEM students face is they expect to start their career towards the top of their field when some of the best opportunities available involve starting from the bottom and working towards the top

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

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