

# The State of STEM in Your State – 2017



## OREGON STATE REPORT

The average STEM score for Oregon's graduating class of 2017 was **21.9**.

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

	Math	Science	STEM
<b>Met Benchmark</b>	47%	43%	25%
<b>Within 1-2 Points of Benchmark</b>	8%	15%	13%

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

Race	Math	Science	STEM
2 or More Races	49%	43%	25%
White	55%	51%	29%
Pacific Islander	21%	10%	4%
Hispanic	24%	21%	8%
Asian	67%	53%	40%
Native American	18%	17%	5%
Black	15%	11%	6%

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

### Tomorrow's STEM Workforce in Oregon

6,924 Oregon students, or 47%, had an interest in STEM, but only 2,703 (18%) 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).

Oregon's future STEM educator pipeline may be in danger—only 27 students planned to enter math education, and only 14 science education.

# OREGON STEM STUDENT PROFILE

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## Rachel McAfee

International School of Beaverton High, *class of 2017*

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

Tenth Grade

### **What sparked your interest in STEM?**

My initial interest was fostered in my first STEM Chemistry class. The relationships between chemicals and bonding just made sense, and the applications seemed amazing.

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

Mechanical Engineer in Materials Science



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

According to the National Science Foundation, only 7.9% of Mechanical Engineers are women. This is heavily reflected in the prejudice and environment towards women entering engineering or other STEM careers.

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

