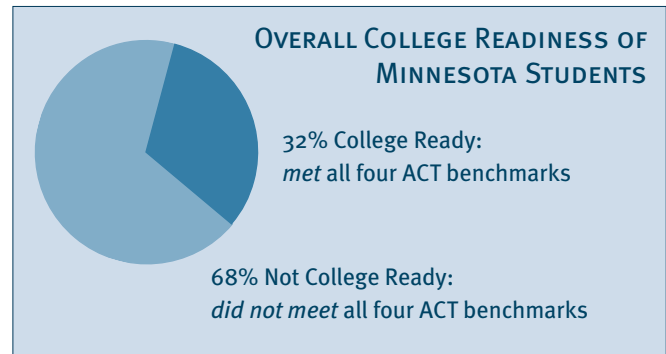


Raising Expectations: Our Future Prosperity PREPARING OUR STUDENTS TO BE LEADERS IN MATH AND SCIENCE

How prepared are Minnesota students for the future?

- 56% of high school students met ACT's benchmarks for math.¹
 - 40% met benchmarks for science.¹
- This does not reflect the gaps in college readiness by race/ethnicity.*
- Increased academic standards and accountability have improved performance in math and science from a decade ago.²
 - Compared with countries around the world, Minnesota ranks high, but is not yet considered elite in math and science.²



ACT benchmarks in math, science, reading and English

Minnesota Students Meeting ACT College Readiness Benchmark Score in Math			
H.S. Graduating Class of 2008	Ready	Not Ready	Number of students
All Students	56%	44%	44,863
African American/Black	16%	84%	1,629
American Indian/Alaska Native	38%	62%	239
Caucasian American/White	59%	41%	35,010
Hispanic	34%	66%	812
Asian American/Pacific Islander	41%	59%	2,133

Benchmark score for math portion of ACT is 22.

Minnesota Students Meeting ACT College Readiness Benchmark Score in Science			
H.S. Graduating Class of 2008	Ready	Not Ready	Number of students
All Students	40%	60%	44,863
African American/Black	9%	91%	1,629
American Indian/Alaska Native	23%	77%	239
Caucasian American/White	42%	58%	35,010
Hispanic	22%	78%	812
Asian American/Pacific Islander	25%	75%	2,133

Benchmark score for science portion of ACT is 24.

Data provided by the Minnesota Private College Research Foundation.
For more resources on our state's education challenges and how we can respond,
visit www.LearnMoreMN.org.

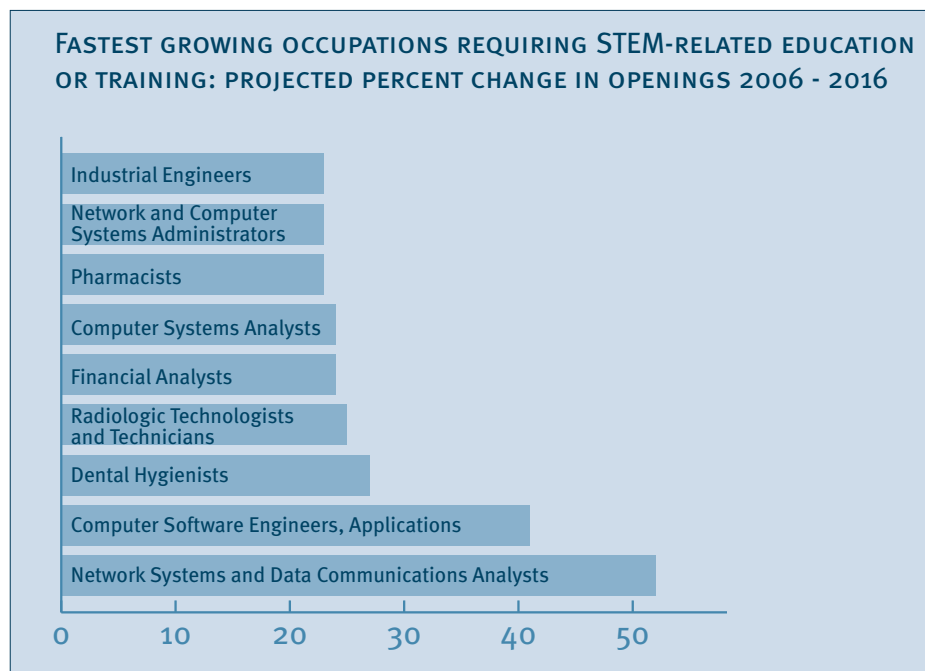


How many science, technology, engineering, and math (STEM) degrees is Minnesota producing now?³

STEM Degrees Awarded in 2007-08		
	Bachelor's	Master's
Private nonprofit colleges	1,505	176
University of Minnesota	2,439	608
State colleges and universities	1,105	92
For-profit private colleges	255	325
Total STEM Degrees	5,304	1,201

What is Minnesota's demand for STEM-related occupations?

- Nine of the top 15 high growth/high pay occupations will require educational background in science and math.⁴
- All of these occupations will grow a minimum of 23% within the next ten years with an average of 6,700 openings per year.



1) ACT data and benchmark analysis www.act.org/news/data/07/statemenu.html 2) SciMathMN Release of Preliminary 2007 MN TIMSS Analysis www.scimathmn.org 3) National Center for Education Statistics, IPEDS 4) Department of Employment and Economic Development, Employment Outlook Tool www.deed.state.mn.us/lmi/tools/projections/Default.aspx