



# The Condition of 2013 CCR Performance



TRIO Conference  
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Honey Creek



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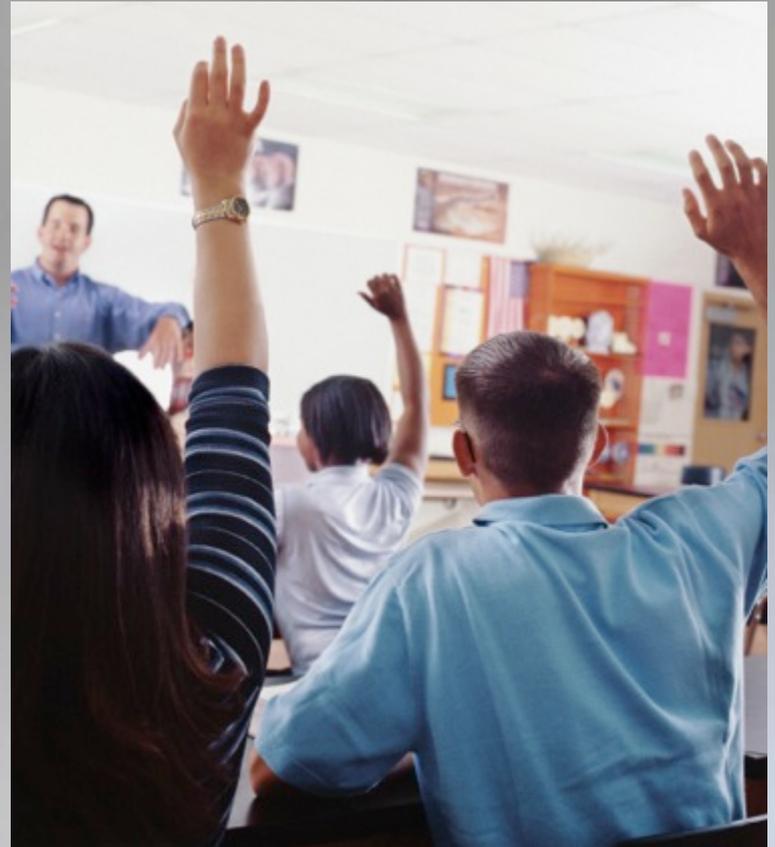
SkilledIowa.org – Free NCRC



# ACT is Unique

**ACT is a nonprofit organization driven by our mission, our vision, and our values.**

- **Our mission**—Helping people achieve education and workplace success
- **Our vision**—To impact lifelong success for individuals as they define it
- **Our values**—Excellence, diversity, leadership, empowerment, learning, and sustainability



# ACT as a Resource

www.ACT.org



- ACT's role is to give insight to instruction.
- ACT seeks to partner around student needs.
- ACT provides hundreds of free online resources.
  - Research to use with your stakeholders.
  - Actstudent.org to support CCR and Planning for students.
  - [www.act.org/path/parent](http://www.act.org/path/parent) to bring parents into the process.

# Visualization







## :The Will” Quote



*How many effective schools would you have to see to be persuaded of the educability of poor children?*

*We can, whenever and wherever we choose, successfully teach all children whose schooling is of interest to us. We already know more than we need to do that. Whether or not we do it must finally depend on how we feel about the fact that we haven't so far."*

*-- Ronald Edmonds, Harvard University*

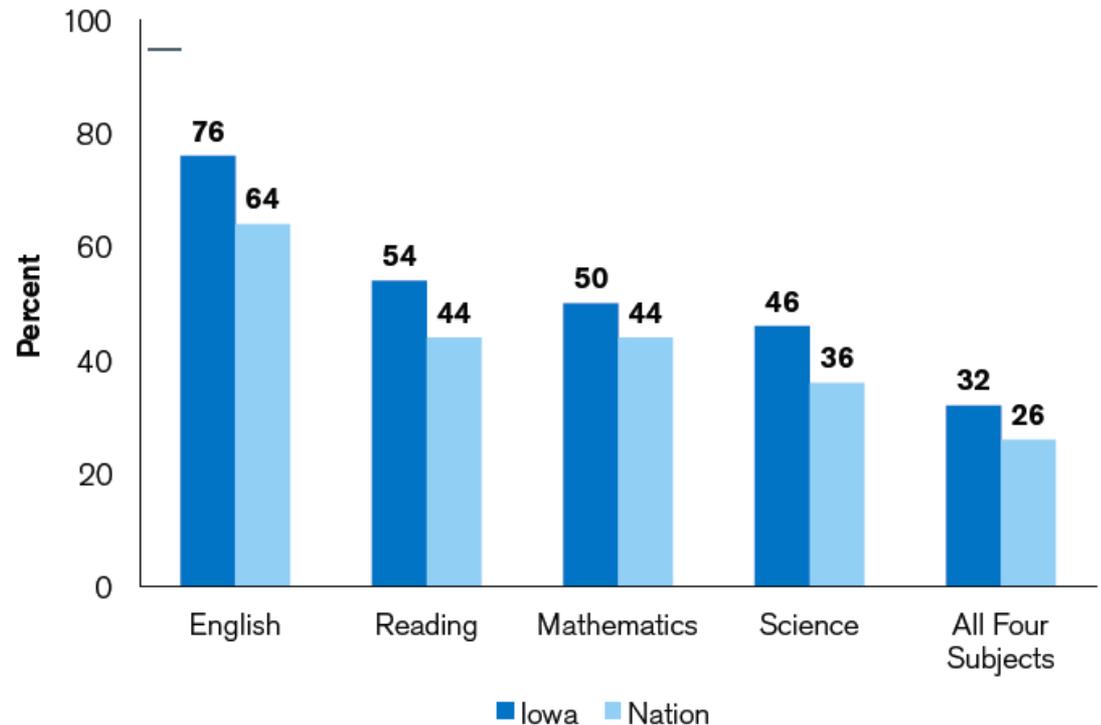
# ACT CCR Benchmarks

College Course	Subject Area Test	ACT College Readiness Benchmark
English Composition	English	18
Social Sciences	Reading	22
College Algebra	Mathematics	22
Biology	Science	23

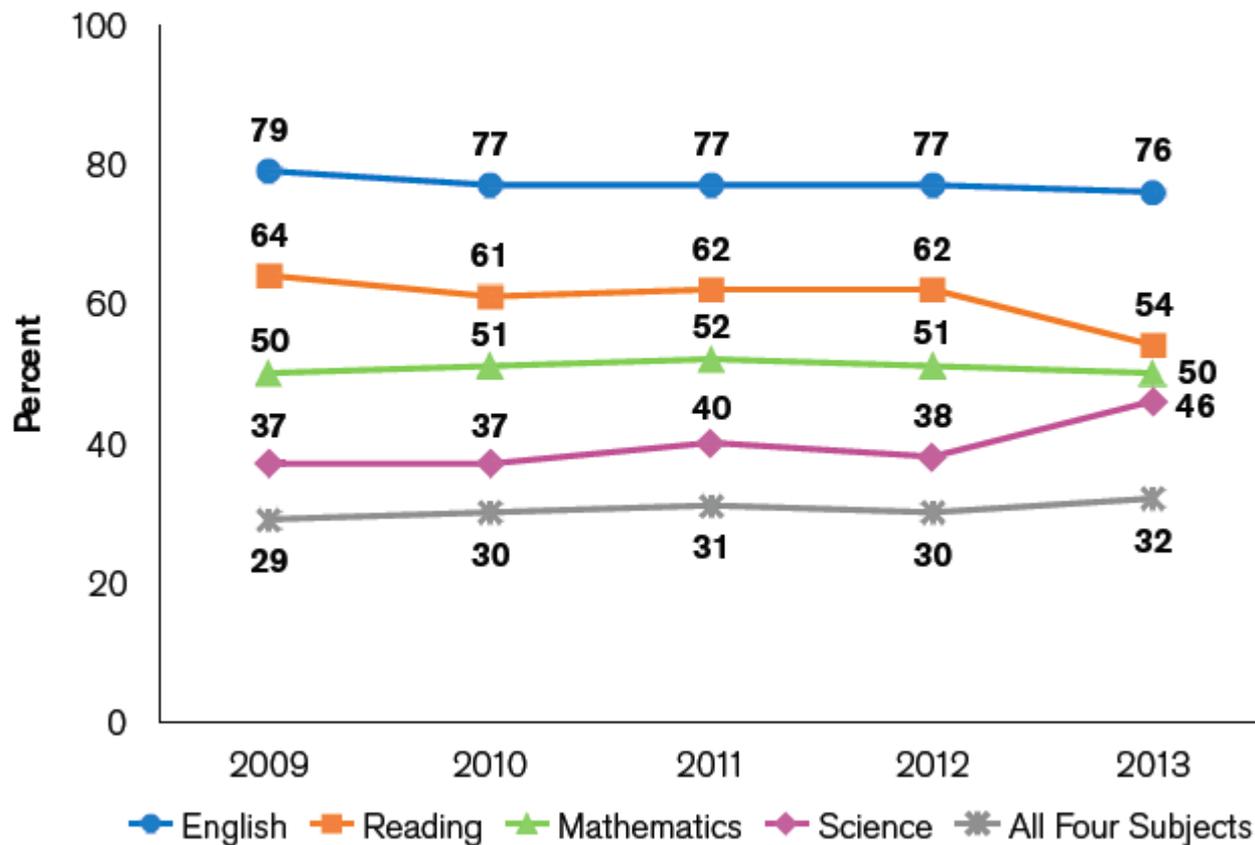
## National vs Iowa Performance

- 22,526 of your graduates (**66%**) took the ACT.
- From 2009–2013, the number of ACT test-taking graduates has increased by 0.7%, while the number of graduates in your state has decreased by 6.2%

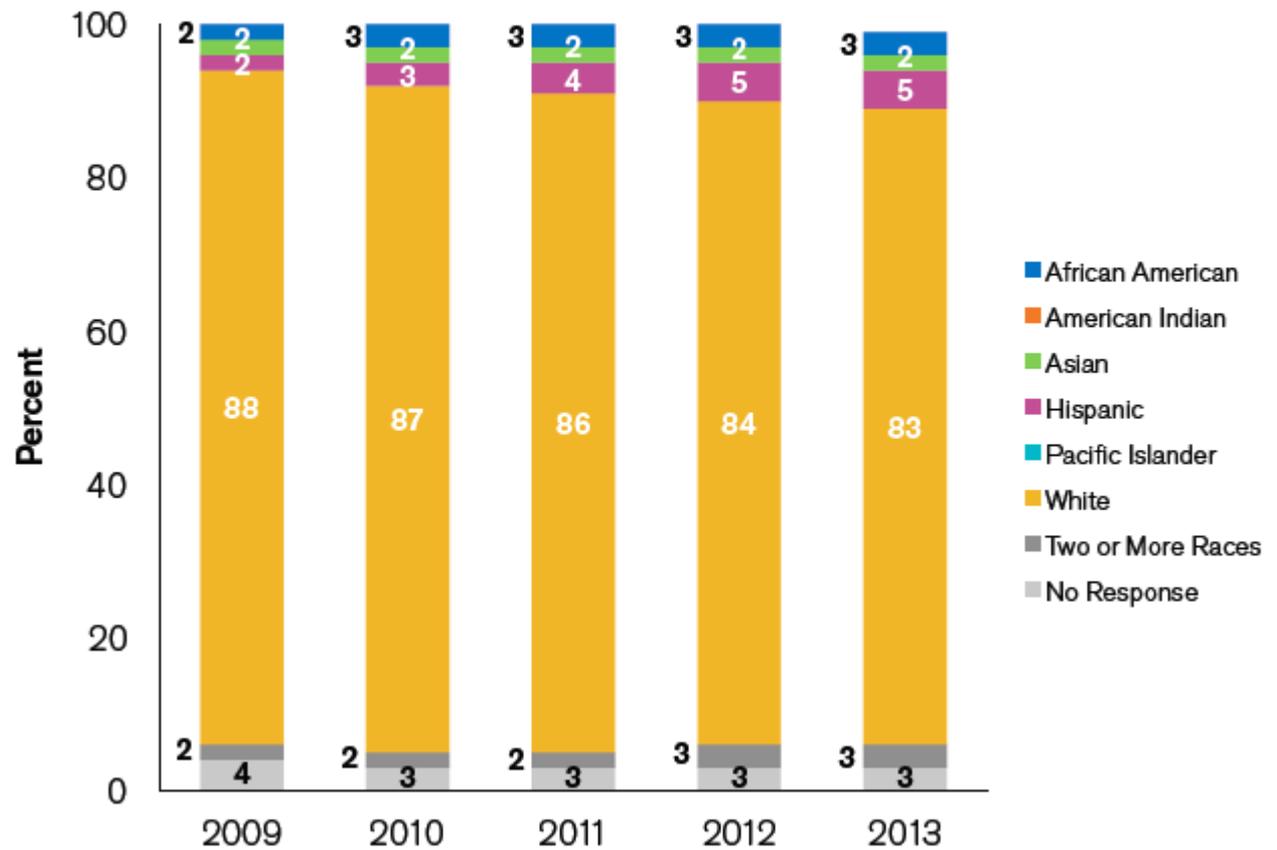
Percent of 2013 ACT-Tested High School Graduates Meeting College Readiness Benchmarks by Subject



## Percent of 2009–2013 ACT-Tested High School Graduates Meeting ACT College Readiness Benchmarks



## Percent of 2009–2013 ACT-Tested High School Graduates by Race/Ethnicity\*



# Iowa Performance

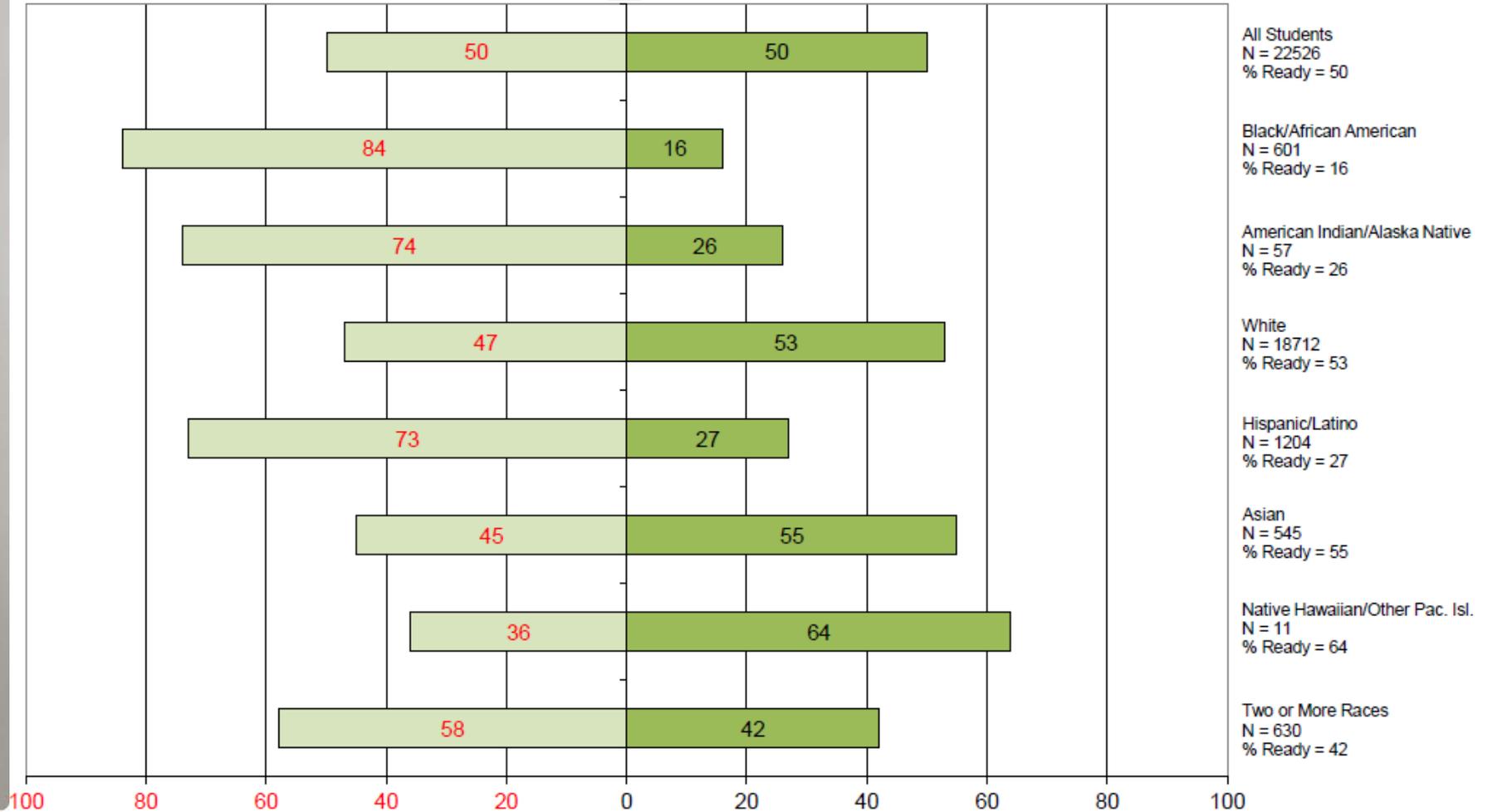


ACT English Benchmark Score = 18



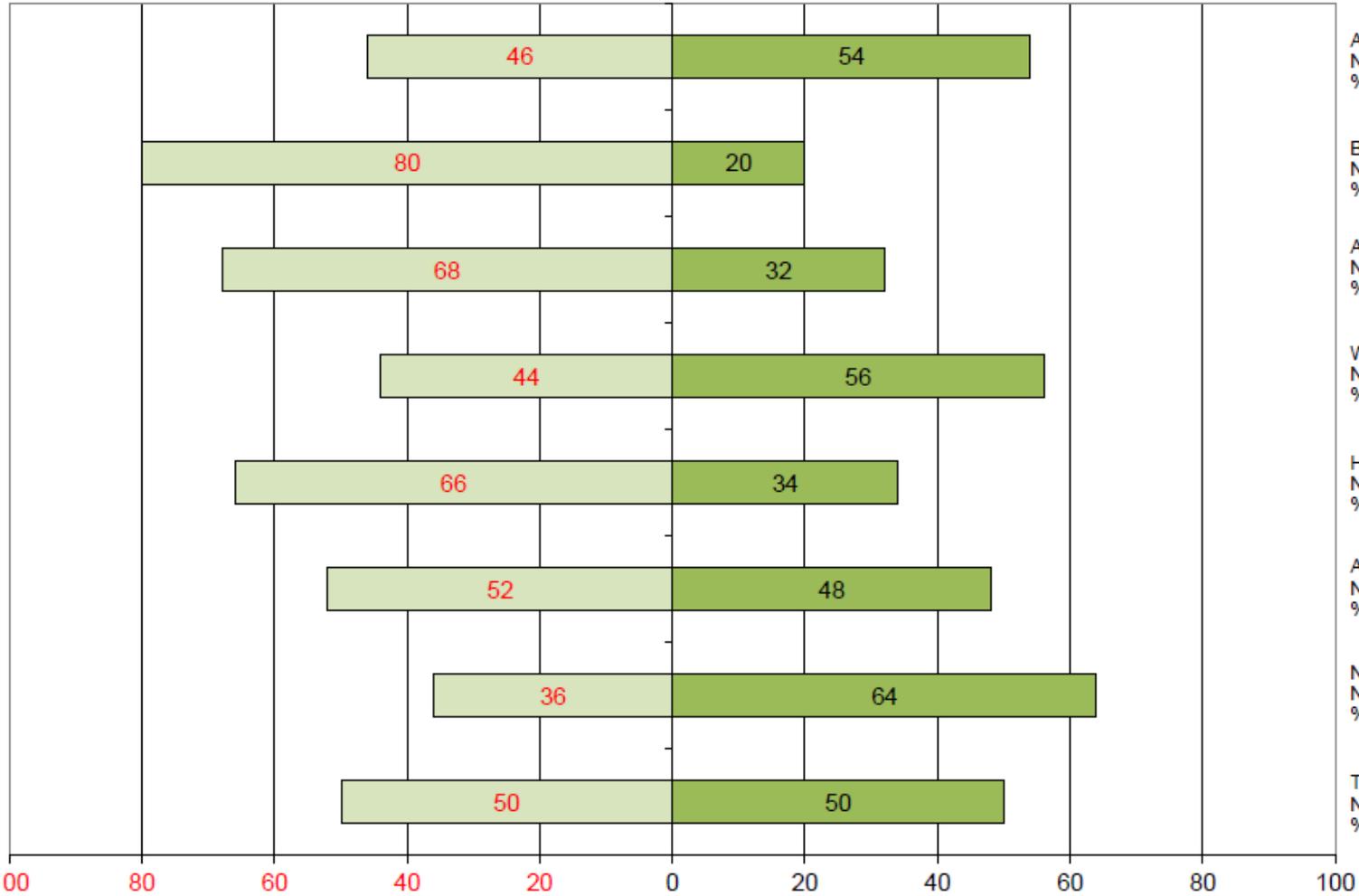
# Iowa Performance

ACT Mathematics Benchmark Score = 22



# Iowa Performance

ACT Reading Benchmark Score = 22



All Students  
N = 22526  
% Ready = 54

Black/African American  
N = 601  
% Ready = 20

American Indian/Alaska Native  
N = 57  
% Ready = 32

White  
N = 18712  
% Ready = 56

Hispanic/Latino  
N = 1204  
% Ready = 34

Asian  
N = 545  
% Ready = 48

Native Hawaiian/Other Pac. Isl.  
N = 11  
% Ready = 64

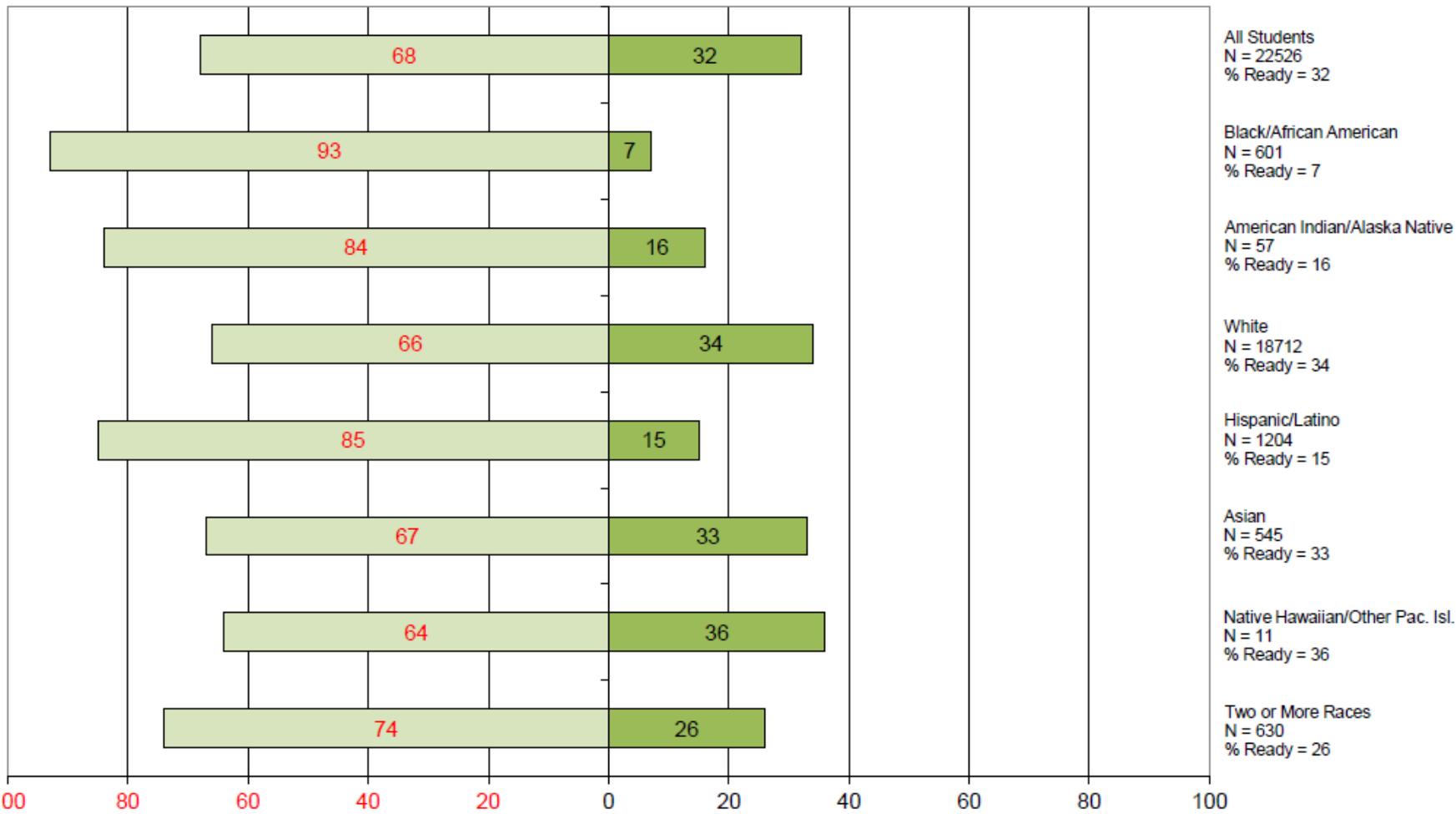
Two or More Races  
N = 630  
% Ready = 50

# Iowa Performance

ACT Science Benchmark Score = 23



# Iowa Performance All 4





## Dyad Activity: 3-2-1 (5 minutes)

- State 3 facts you just learned about Iowa student performance.
- Predict 2 ways Iowa students may differ from the national population.
- Name the 1 best way to close performance gaps.

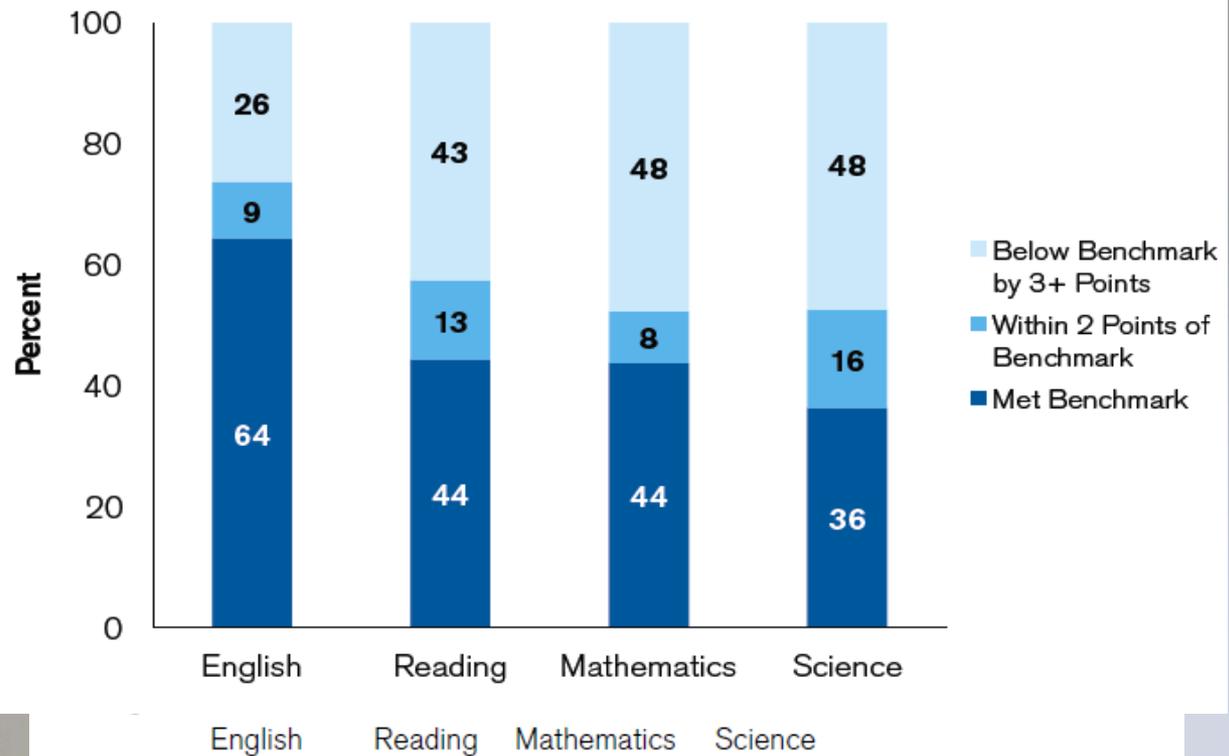
# Iowa Preferences

**Table 4.3. Students' Score Report Preferences at Time of Testing**

Name	State	Number of Students		
		Total	1st Choice	2nd-6th Choice
IOWA STATE UNIVERSITY	Iowa	6,584	3,115	3,469
UNIVERSITY OF IOWA	Iowa	5,844	2,361	3,483
UNIVERSITY OF NORTHERN IOWA	Iowa	4,519	1,261	3,258
KIRKWOOD COMMUNITY COLLEGE	Iowa	1,158	382	776
DRAKE UNIVERSITY	Iowa	1,056	215	841
CENTRAL COLLEGE	Iowa	997	256	741
DES MOINES AREA COMMUNITY COLL-ANKENY	Iowa	903	393	510
SIMPSON COLLEGE	Iowa	831	197	634
WARTBURG COLLEGE	Iowa	820	180	640
GRAND VIEW UNIVERSITY	Iowa	640	150	490
COE COLLEGE	Iowa	585	123	462
HAWKEYE COMMUNITY COLLEGE	Iowa	532	176	356
LUTHER COLLEGE	Iowa	519	144	375
MORNINGSIDE COLLEGE	Iowa	458	154	304
NORTHWEST MISSOURI ST UNIV	Missouri	440	155	285
ST AMBROSE UNIVERSITY	Iowa	436	103	333
IOWA WESTERN COMM C-COUNCIL BLFS	Iowa	414	171	243
IOWA CENTRAL COMMUNITY COLL-FORT DODGE	Iowa	412	152	260
BUENA VISTA UNIVERSITY	Iowa	401	108	293

# STEM National Performance

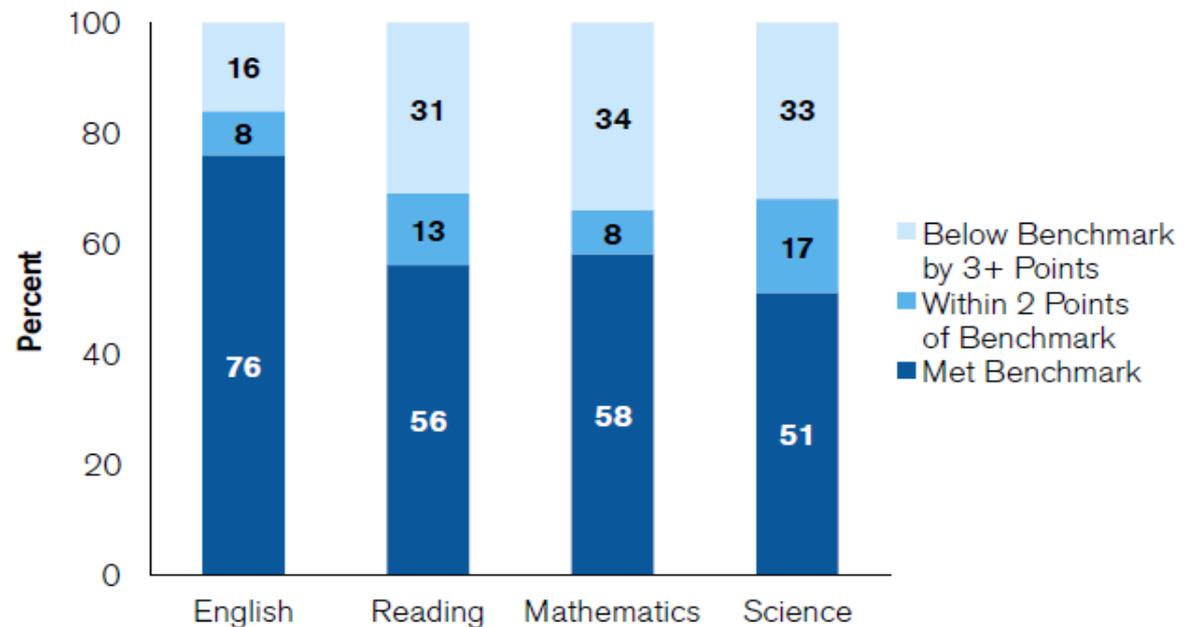
*Expressed Interest Only*  
Percent of ACT-Tested High School Graduates by Benchmark Attainment and Subject, 2013



# STEM National Performance

## *Expressed and Measured Interest*

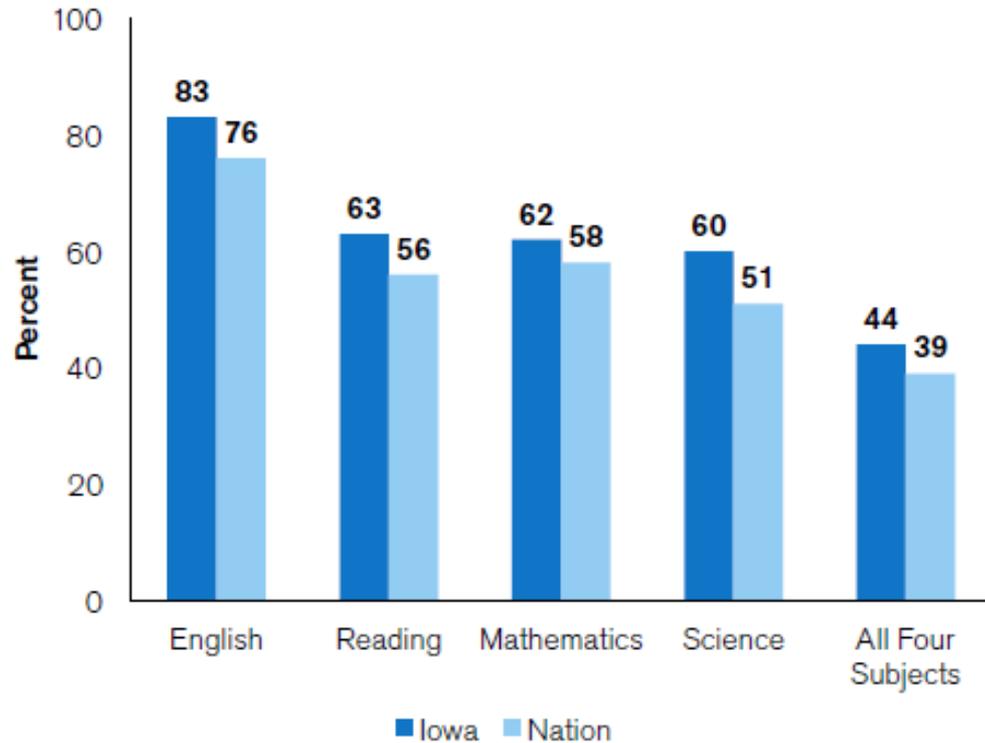
**Percent of 2013 ACT-Tested High School Graduates by ACT College Readiness Benchmark Attainment and Subject**



## STEM Performance in Iowa – Expressed and Measured

- 4,153 of your graduates have an expressed and measured interest in STEM.
- 66% tested in Iowa.

Percent of 2013 ACT-Tested High School Graduates Meeting ACT College Readiness Benchmarks by Subject

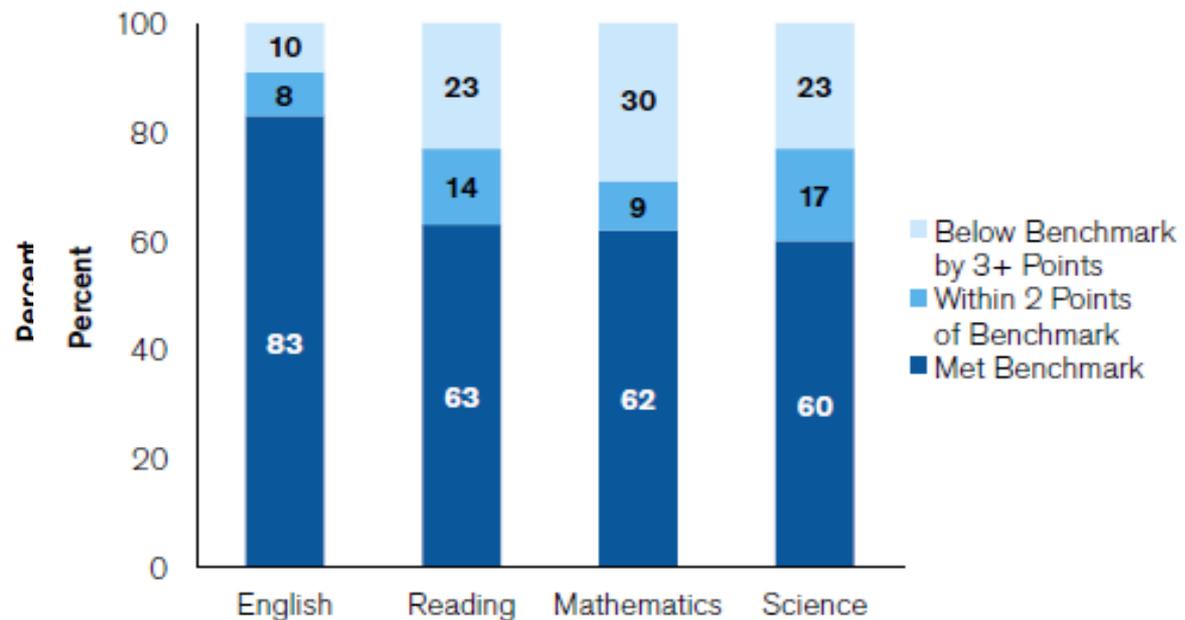


## STEM Performance in Iowa

- Science shows the greatest difference. Watch the light blue space.

### *E Expressed and Measured Interest*

**P** Percent of 2013 ACT-Tested High School Graduates  
**b** by ACT College Readiness Benchmark Attainment  
**a** and Subject

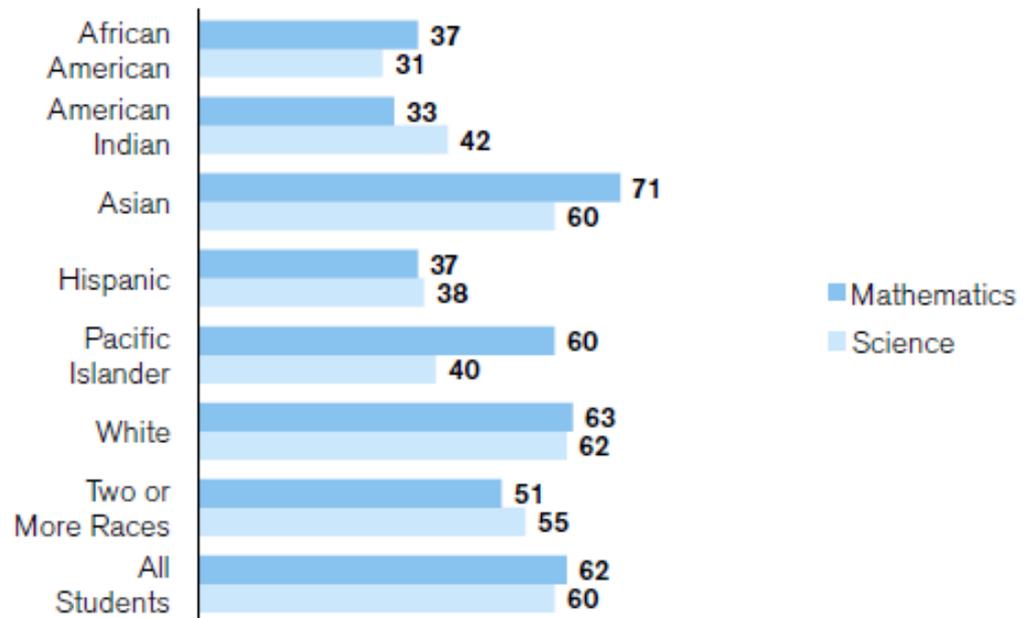


## STEM Performance in Iowa - Ethnicity

- Iowa data mirrors the national gaps.
- Wide variation in PI data due to small N count (11).

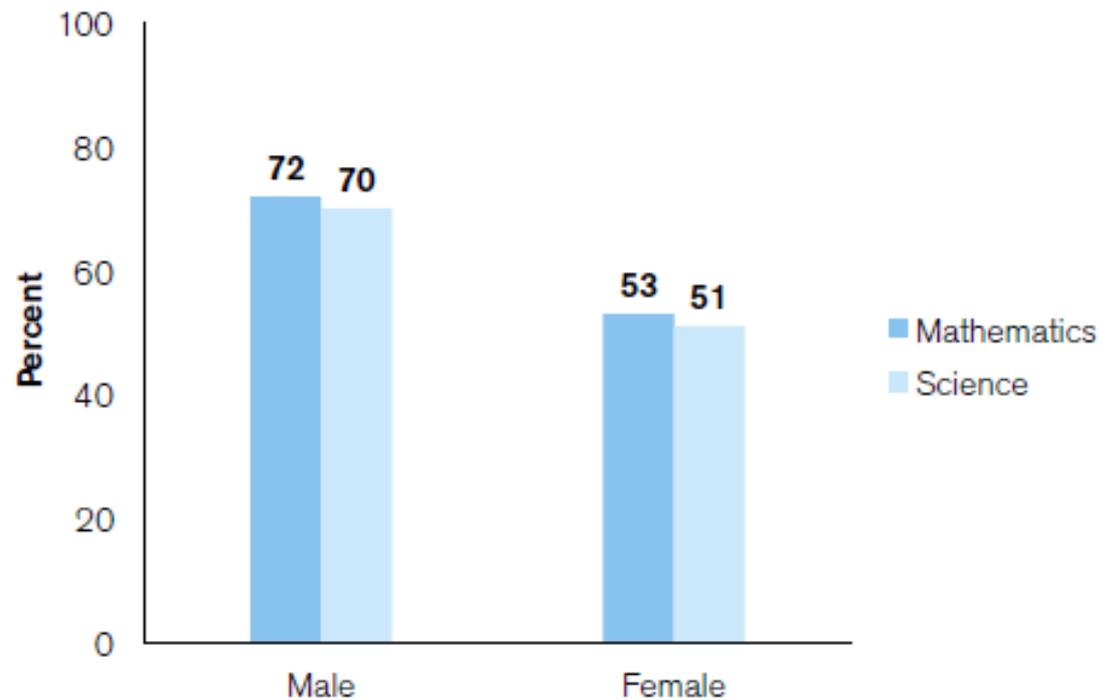
### *Expressed and Measured Interest*

Percent of 2013 ACT-Tested High School Graduates Meeting ACT College Readiness Benchmarks by Race/Ethnicity and Subject\*



## STEM Performance in Iowa - Gender

Percent of 2013 ACT-Tested High School Graduates Meeting ACT College Readiness Benchmarks by Gender and Subject

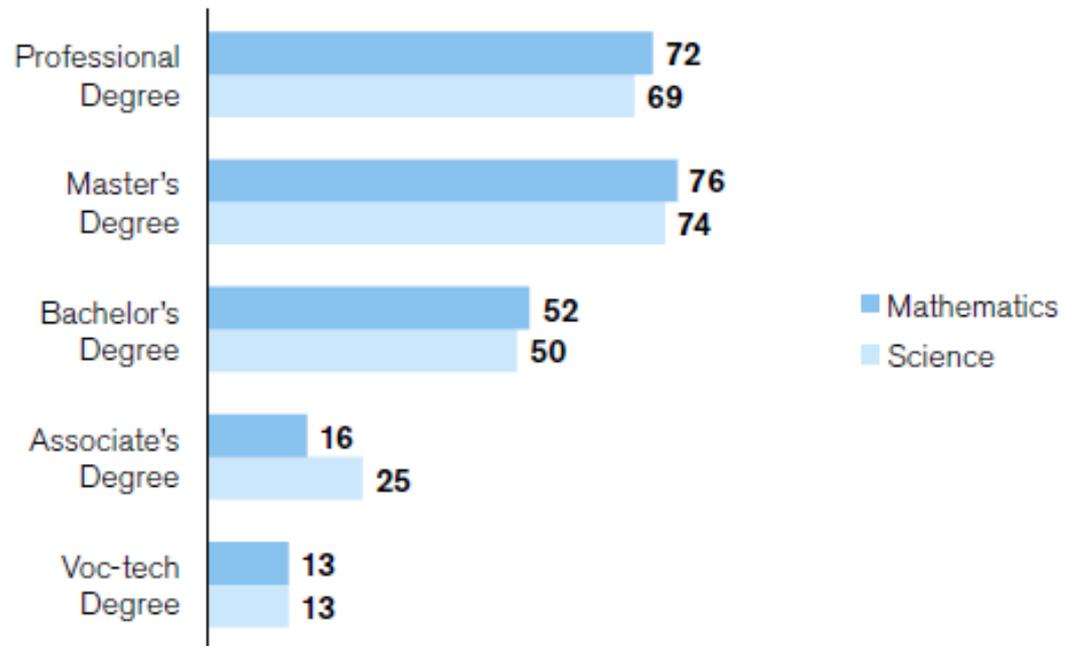


## STEM Performance in Iowa

- Level of expressed degree attainment is correlated to performance.
- The correlation is stronger when students have expressed and measured interest in STEM.

### *Expressed and Measured Interest*

**Percent of 2013 ACT-Tested High School Graduates Meeting ACT College Readiness Benchmarks by Educational Aspirations and Subject**





## Dyad Activity: 3-2-1 (5 minutes)

- State 3 facts you just learned about Iowa STEM performance.
- Predict 2 ways Iowa students may benefit from local and state STEM programs.
- Name 1 way to elevate students aspirations.

Thanks!



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