mhta™
Driving Innovation & Technology

# Board of Directors Meeting

Friday, July 21, 2017

# 1.
# Call to Order

Scott Singer

2.

# Introductions

Scott Singer

3.

# Approval of Meeting Minutes

**May 19, 2017**

**Scott Singer**

# 4.

# Governance

**Michael Lacey**

5.

# Financial Update

Ed Foppe

# Financial Update

▷2016 Annual Audit - see appendix X

- Clean opinion
- Financial Statements
- Notes and Letters

▷2016 IRS Form 990 Approval - see appendix Y

# P&L vs Budget: June 2017

| | Jan - Jun 17 | YTD Budget | Projected YE | Annual Budget | $ Over Budget |
|---|---|---|---|---|---|
| Total Membership | 497,261 | 546,306 | 569,676 | 618,721 | (49,045) |
| Total Promotion / Events | 188,170 | 178,977 | 379,298 | 370,105 | 9,193 |
| Total Programs | 186,535 | 207,106 | 410,191 | 412,813 | (2,622) |
| Sub Total | 871,967 | 932,389 | 1,359,165 | 1,401,639 | (42,474) |
| Operate MHTA & Public Policy | 707,019 | 705,421 | 1,390,811 | 1,392,393 | (1,582) |
| **Net Income** | **164,948** | **226,968** | **(31,646)** | **9,246** | **(40,892)** |

| | Jan - Jun 17 | YTD Budget | Projected YE | Annual Budget | $ Over Budget |
|---|---|---|---|---|---|
| **Income** | | | | | |
| Total Membership | 497,261 | 546,306 | 569,676 | 618,721 | (49,045) |
| Total Promotion / Events | 325,400 | 350,125 | 732,925 | 757,650 | (24,726) |
| Total Programs | 277,705 | 299,200 | 1,157,101 | 1,155,500 | 1,601 |
| Total Other Income*Sales & Marketing | 12,845 | 15,248 | 13,197 | 15,600 | (2,403) |
| **Total Income** | 1,113,210 | 1,210,879 | 2,472,898 | 2,547,471 | (74,573) |
| **Expense** | | | | | |
| Strategic Planning | 20,296 | 19,000 | 20,296 | 19,000 | 1,296 |
| Total Administration | 105,796 | 103,251 | 193,419 | 194,053 | (634) |
| Total 5000 · Association Staffing | 547,441 | 553,163 | 1,094,218 | 1,099,940 | (5,722) |
| Total 5400 · Sales & Marketing | 23,330 | 22,255 | 50,075 | 49,000 | 1,075 |
| Total Promotion / Event Expenses | 137,229 | 171,148 | 353,626 | 387,545 | (33,919) |
| Total Program expense | 91,170 | 92,094 | 746,910 | 742,687 | 4,223 |
| Total Public Policy | 23,000 | 23,000 | 46,000 | 46,000 | 0 |
| **Total Expense** | 948,262 | 983,911 | 2,504,544 | 2,538,225 | (33,681) |
| **Net Income** | **164,948** | **226,968** | **(31,646)** | **9,246** | **(40,892)** |

6.

# Events Update

Patty Carruth

# 2017 – 2018 Board Committee Formation

- Tekne Co-Chairs
  Ed Foppe (PwC) & Michael Lacey ( Digineer)
- Committee:
  Win Giles
  Todd Hauschildt (Optum)
  Patrick Joyce (Medtronic)
  Chuck Lefebvre (Unisys)
  David Minkkinen (Sagitec Solutions)
  Chris Rence (Digital River)

# 2017 – 2018 Board Committee Formation

- Tech.2018:
  Mac Lewis (Sherpa Partners)
  Cy Morton (Robins Kaplan)
  Samuel Prabhakar (Elite Custom Solutions)
  Scott Singer (PaR Systems)

# 2017 – 2018 Board Committee Formation

- Spring 2018

  Kevin Boeckenstedt (Best Buy)
  Jacquelyn Crowhurst (Microsoft)
  Jake Krings (Target)
  Tyler Middleton
  Pat Ryan (sSpectrum)

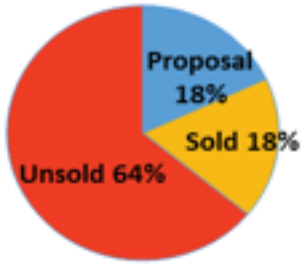
  Departing BOD Help

  Karen Hudson (IBM)
  Robb Tabb (iTAS)

# Minnesota Venture Conference

October 25, 2017

## Sponsorship Progress




| Stage | Amount |
|---|---|
| Sold | $15,625 |
| Proposal Stage | $15,000 |
| Left to Sell | $51,875 |
| Sponsorship Budget | $82,500 |

| Organization | Sponsorship Confirmed |
|---|---|
| DEED | Gold |
| Calabrio | Silver |
| Greater MSP | Reception |

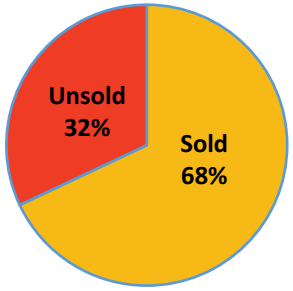
## Event Updates

- Voting completed. Working with Presenting Companies.
  (12 of 18 companies confirmed, 7-minute pitches each)
- Event registration & Showcase registration opens today.

# Tekne Awards

November 15, 2017

## Sponsorship Progress




| Stage | Amount |
|---|---|
| Sold | $65,000 |
| Left to Sell | $30,000 |
| Sponsorship Budget | $95,000 |

| Organization | Sponsorship Confirmed |
|---|---|
| Optum | Presenting |
| Thomson Reuters | Presenting |
| Comcast | Red Carpet |
| AT&T | Platinum |
| Robins Kaplan | Finalist Reception |
| Genesis10 | VIP Reception |
| Unisys | Silver |
| Computex | Silver |

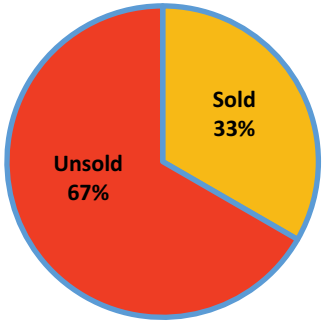
## Event Updates

- Tekne application deadline is July 28.
- Judging panels nearly complete.
- Event registration opens today.
- Paul Douglas returns as Master of Ceremonies.

# CIO Panel

## December 6, 2017

## Sponsorship Progress




| Stage | Amount |
|---|---|
| Sold | $7,000 |
| **Left to Sell** | **$14,000** |
| Sponsorship Budget | $21,000 |

| Organization | Sponsorship Confirmed |
|---|---|
| Computex | Event |
| Saturn Systems | Event |

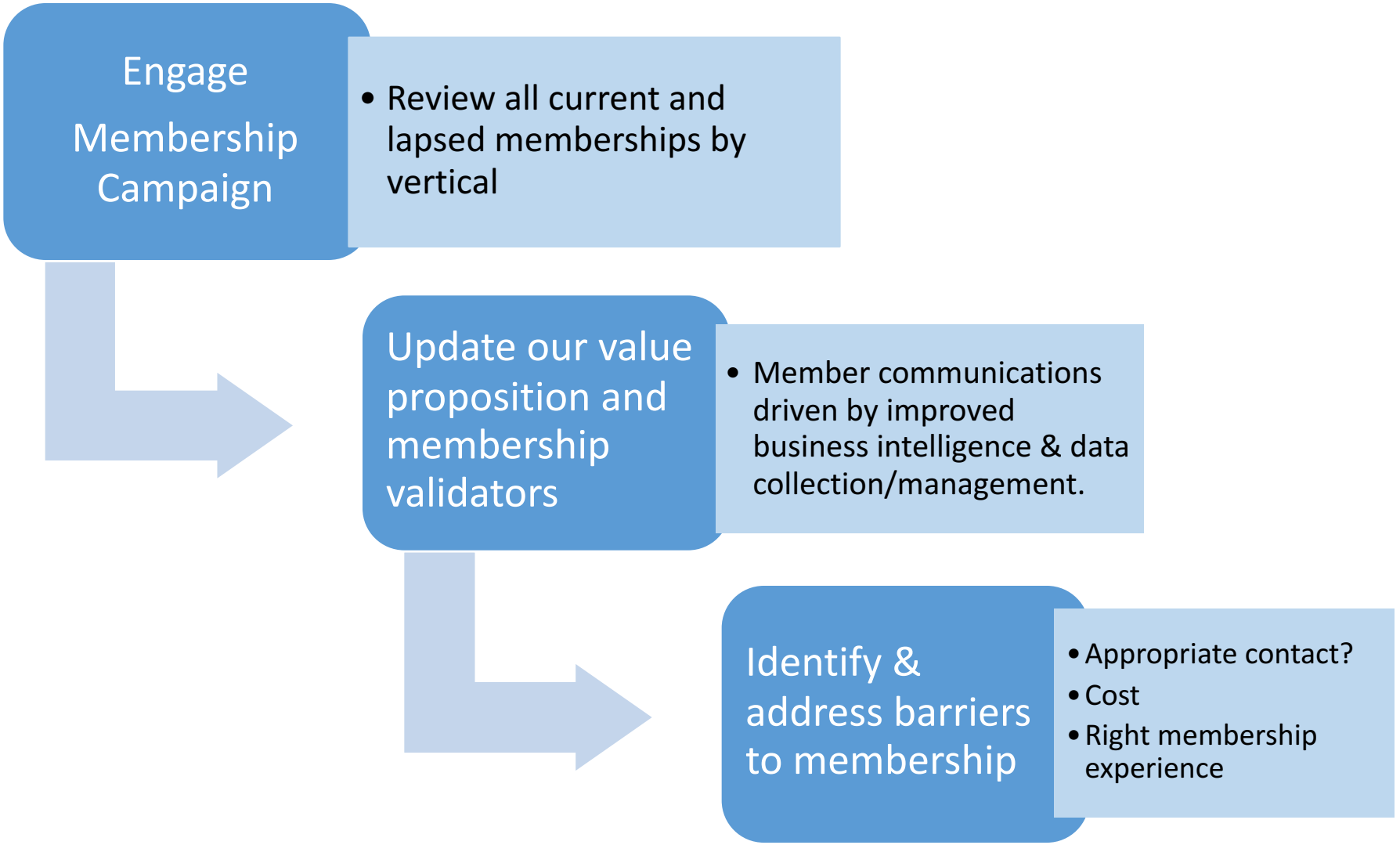
## Panel Members to Date

- Justin Kershaw, CIO, Cargill
- Jamie Thingelstad, CTO, SPS Commerce
- Haseen Alam, CIO, Johnson Liquors

# 7.

# Membership

**Andrew Wittenborg**


Engage
Membership
Campaign
• Review all current and lapsed memberships by vertical
Update our value proposition and membership validators
• Member communications driven by improved business intelligence & data collection/management.
Identify & address barriers to membership
• Appropriate contact?
• Cost
• Right membership experience

***MHTA has relationships at many of these organizations? Can you make introductions or connections to help increase our engagement?***

| Banks/Fintech | Insurance | Healthcare |
|---|---|---|
| **Anchor Bank** | Chubb Insurance Group | **Allina Health** |
| Bank of America | CNA Insurance | **Essentia Health** |
| **Bremer Bank** | Hanover Insurance Group | **Fairview Health Services** |
| BMO Harris | **Travelers** | **HealthEast Care System** |
| Silicon Valley Bank | | **HCMC** |
| TCF | | **M Health** |
| **UnitedBankers Bank** | | North Memorial |
| **US Bank** | | **Presbyterian Homes** |
| **Venture Bank** | | Sanford Health |
| **Wells Fargo** | | |

# 8.

# Bids & Bytes Benefit

Tim Barrett

mhta FOUNDATION

# BIDS & BYTES BENEFIT

**Tuesday, September 12**

**The Aria in downtown Minneapolis**

## AN EVENING OF FUN AND NETWORKING

**4:30 PM – Registration Opens & Networking Begins**

**5:30 PM – Welcome & Presentation**

**6:05 PM – Auction**

**6:45 PM – Meet the Students**

**7:30 PM – Event Concludes**

mhta FOUNDATION

# BIDS & BYTES BENEFIT


## 2016 Results:

## $24,575 raised!

- $10,700 auction
- $13,875 additional donations

## Many thanks for the great help!

- **13** Association & **7** Foundation board members bought tickets
- **14** past & current scholarship winners attended
- **12** community members volunteered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Driving Innovation & Technology

mhta FOUNDATION

# BIDS & BYTES BENEFIT

## Presenting Sponsor

$5000

## Event Sponsors

$3000

$3000

$3000

## Supporting Sponsors

BAKER TILLY

THOMSON REUTERS

Accountants and Advisors

Abbott

MINNESOTA COMPUTERS FOR SCHOOLS

TECHNOLOGY TRANSFORMED

$1500

$1500

$1500

## Printing Sponsor

UNISYS

mhta FOUNDATION BIDS & BYTES BENEFIT

# Social Hour Activities

HIGH TECH KIDS

High Tech Kids –

robot competition

BELL MUSEUM of Natural History

Bell Museum –

maker space challenge

the Works

The Work Museum –

engineering challenge

mhta Driving Innovation & Technology

mhta FOUNDATION

BIDS & BYTES BENEFIT

# Live Auction of unique experience packages


All proceeds to support the MHTA Foundation STEM programs

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Driving Innovation & Technology

# Who should attend?

- Individuals passionate about –
  - **MHTA**
  - **MHTA Foundation**
  - **STEM Education & Workforce**
- Folks from your organization –
  - **Business Development**
  - **Sales**
  - **Account Executives**

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Driving Innovation & Technology

## How can I support this effort?

- Sponsor the event
  - **Presenting @ $5,000** *(1 available)*
  - **Event @ $3,000** *(3 available)*
  - **Supporting @ $1,500** *(3 available)*
- Commit to a bid
  - **Auction bid or donation to the Fund-a-Need**
  - **Bids to begin at $500**
- Attend the event
  - **3-4 tickets for the event** *($65 each)*
- Help us connect to others!

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Driving Innovation & Technology

9.

# President's Report

Margaret Anderson Kelliher

10.

# Presentation

**Allison Liuzzi**
**Minnesota Compass | Wilder Foundation**

# Trends from Minnesota Compass:

# The STEM Cradle-to-Career Continuum

**Allison Liuzzi**

Wilder Research, Minnesota Compass

July 21, 2017

MINNESOTA **COMPASS** ... Measuring progress. Inspiring action.

About Trends Profiles Contact

TOPICS

Aging Arts & Culture Children & Youth Civic Engagement Demographics Disparities Early Childhood
Economy Education Environment Health Housing Immigration Public Safety Transportation Workforce

Google Custom Searcl GO

- Overview
- Key measures
- More measures
- Ideas at work
- STEM
- Library

**WELCOME TO**

# MINNESOTA COMPASS

By tracking and analyz[illegible]that affect our quality of life, Compass gives everyone in our state – policymakers, bus[illegible]ess and community leaders, and concerned individuals who live and work here – a common foundation to act on issues to improve our communities. MORE >



## COMPASS NEWS

23h

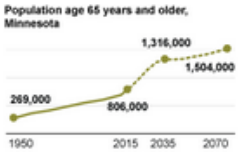
**Minnesota Compa**
@MNCompass

Median household income in Austin, MN is $42,268. Join us Aug 1-2 & tell us the other data you need abt southern MN. bit.ly/2tCaLve

## IN BRIEF


**Compass Points 2017**

## INSIGHTS



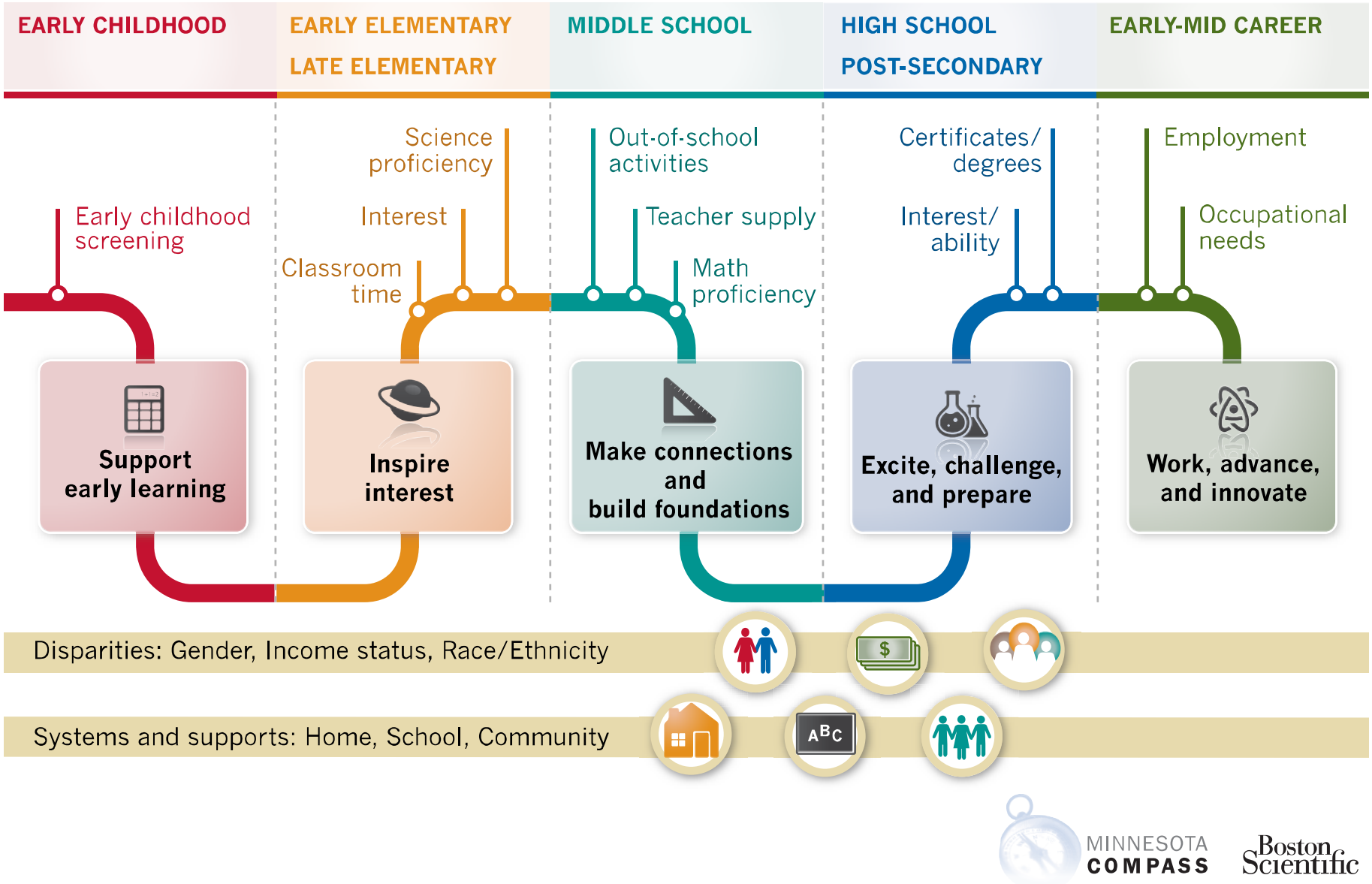

**Six interesting facts about Minnesota's 65+ population**

The older adult population is large – and growing!

## GEOGRAPHIC PROFILES

Find data organized by geographic area. Get profiles for the state, Minnesota's 7 regions, 87 counties, cities with populations of 1000+, and select neighborhoods.

VIEW NOW >


EARLY CHILDHOOD
EARLY ELEMENTARY
LATE ELEMENTARY
MIDDLE SCHOOL
HIGH SCHOOL
POST-SECONDARY
EARLY-MID CAREER
Early childhood screening
Science proficiency
Interest
Classroom time
Out-of-school activities
Teacher supply
Math proficiency
Certificates/ degrees
Interest/ ability
Employment
Occupational needs
Support early learning
Inspire interest
Make connections and build foundations
Excite, challenge, and prepare
Work, advance, and innovate
Disparities: Gender, Income status, Race/Ethnicity
Systems and supports: Home, School, Community
MINNESOTA COMPASS
Boston Scientific

# Why does STEM education matter to Minnesota?

Those are just jobs
**strictly** classified as STEM.

# STEM education is critical to Minnesota's prosperity

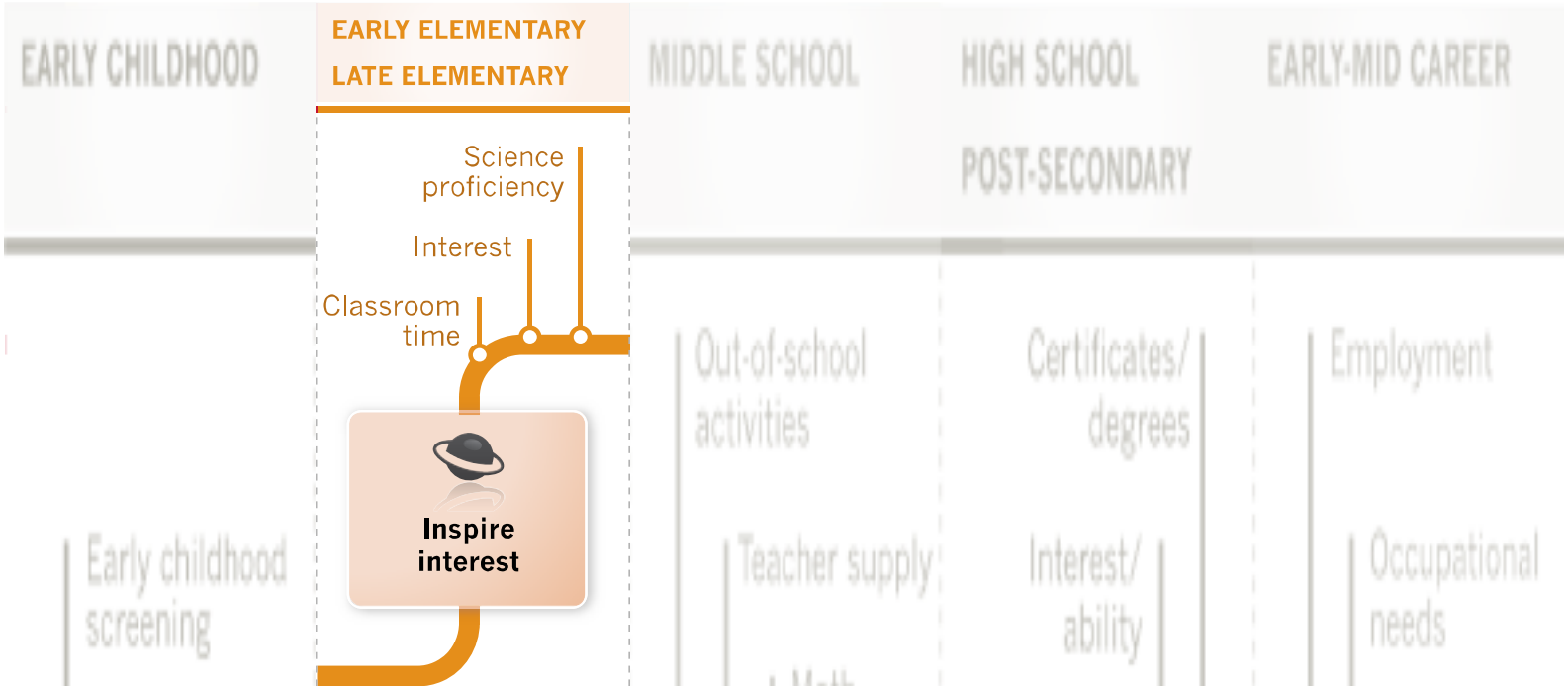


# STEM education is critical to Minnesota's prosperity



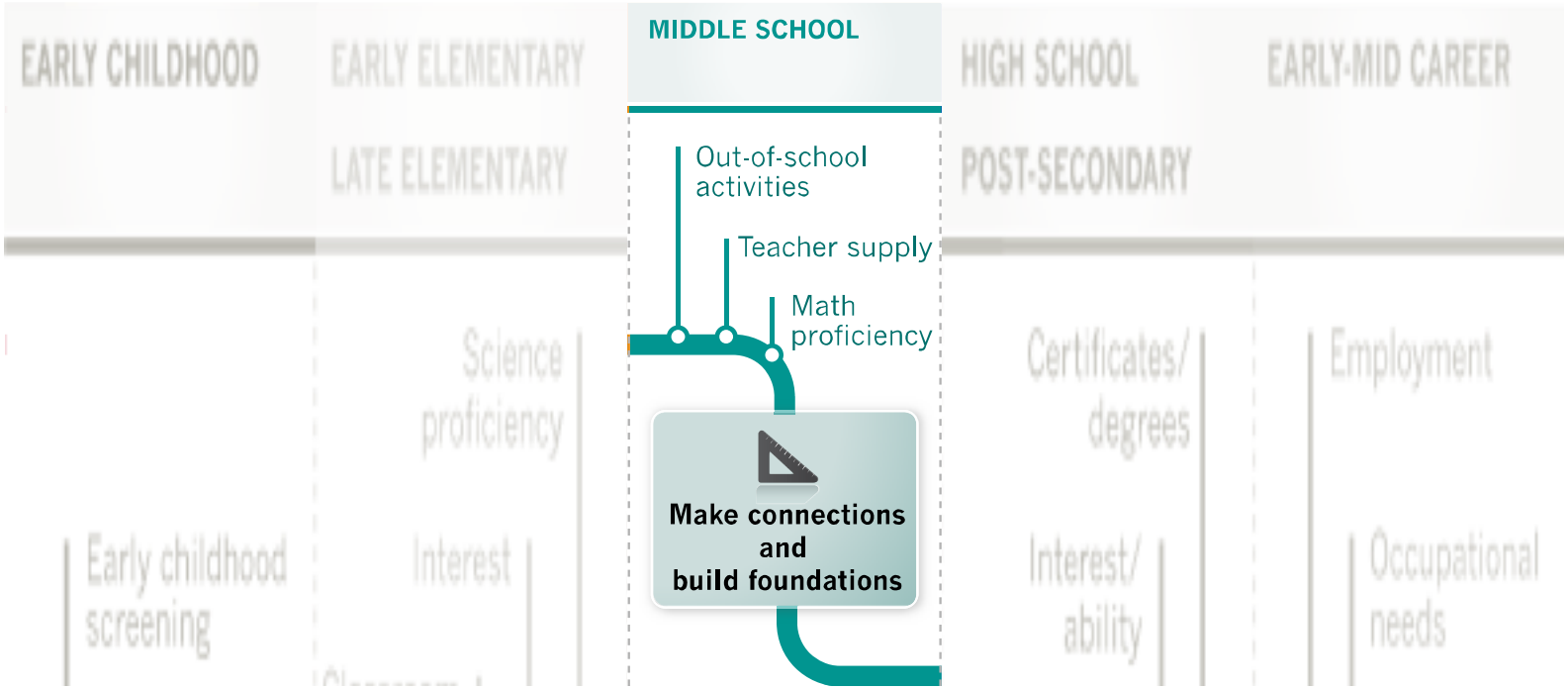
# True or false?

Minnesota has large gaps by race in **STEM interest and achievement**.




**62%**

of 5th graders meet state **science standards**

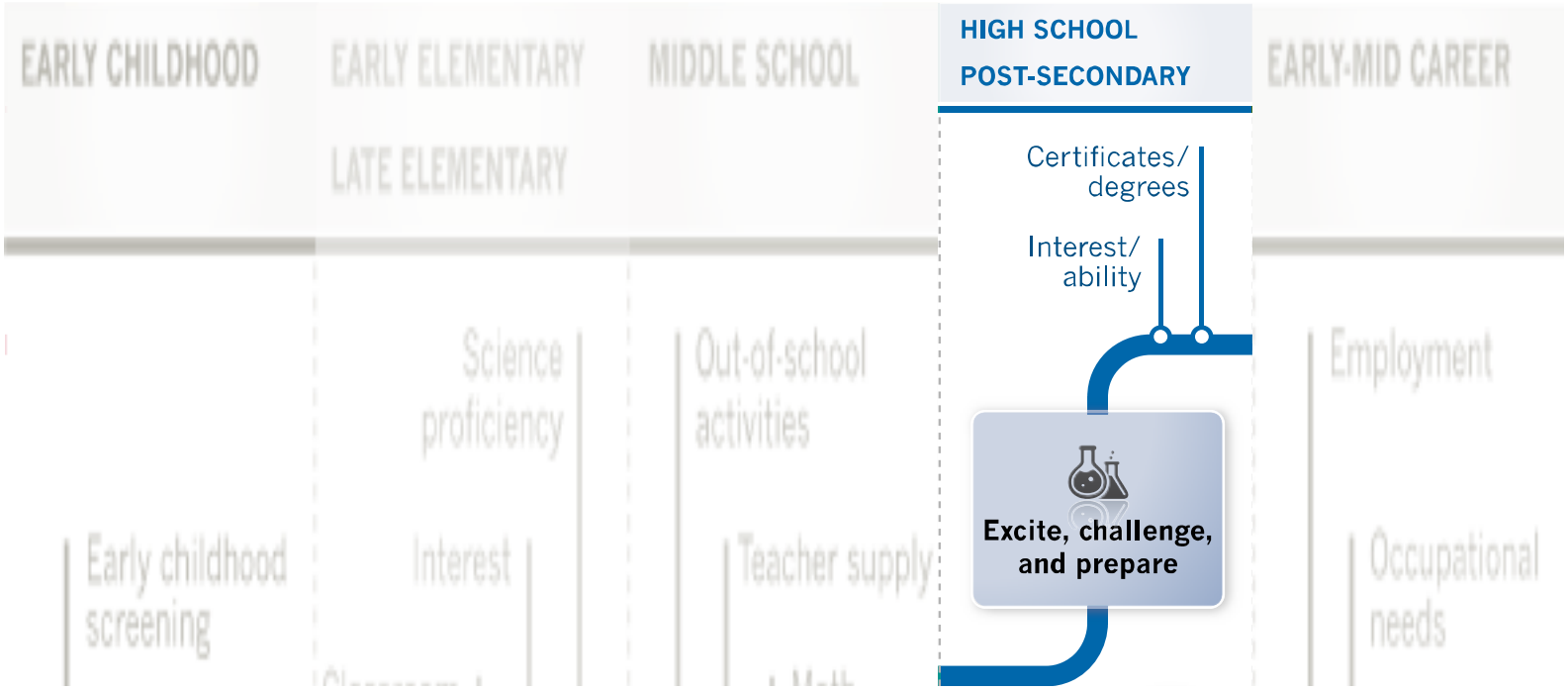



**62%**

of 5th graders meet state **science standards**

**58%**

of 8th graders meet state **math standards**




**62%**

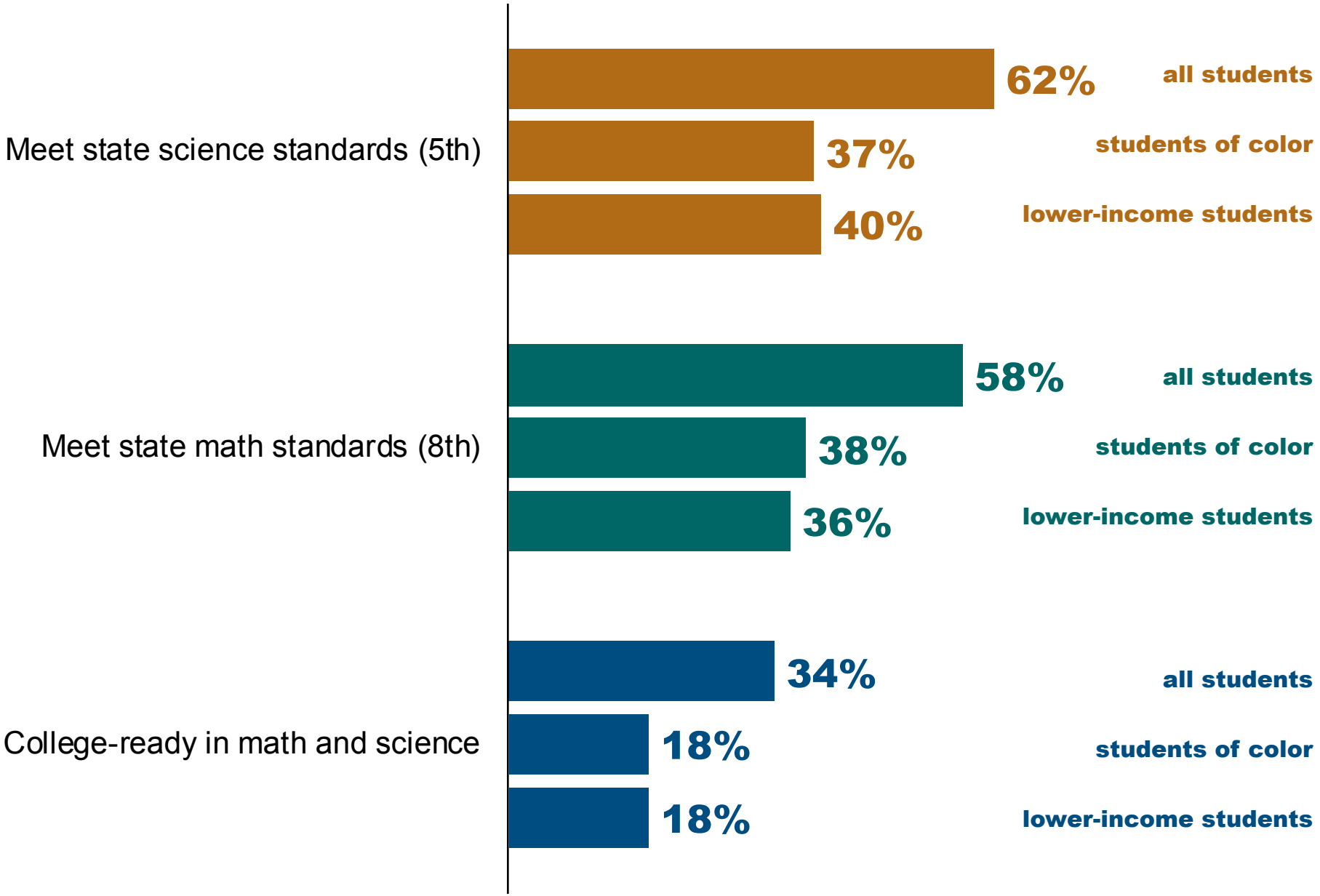
of 5th graders meet state **science standards**

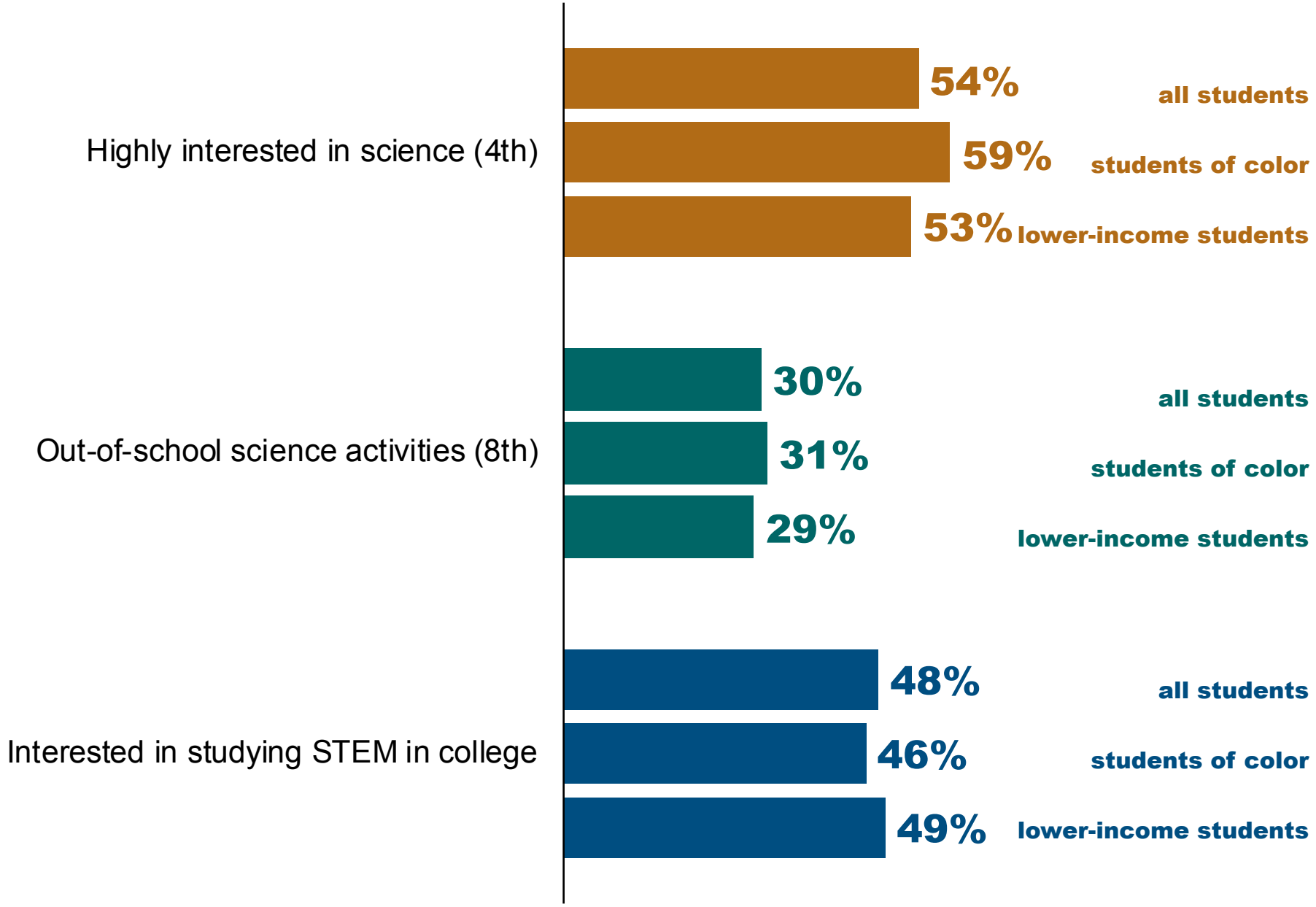
**58%**

of 8th graders meet state **math standards**

**34%**

of high school graduates are **college-ready** in math and science


Meet state science standards (5th)
62%
all students
37%
students of color
40%
lower-income students
Meet state math standards (8th)
58%
all students
38%
students of color
36%
lower-income students
College-ready in math and science
34%
all students
18%
students of color
18%
lower-income students


Highly interested in science (4th)
54%
all students
59%
students of color
53%
lower-income students
Out-of-school science activities (8th)
30%
all students
31%
students of color
29%
lower-income students
Interested in studying STEM in college
48%
all students
46%
students of color
49%
lower-income students

# 54,000

students graduating from Minnesota high schools

Source: Minnesota Department of Education

# 18,000

are college-ready in math and science

Source: ACT, Inc.

~~18,000~~

# 22,000

are college-ready in math and science

Source: ACT, Inc.

There are **large gaps in achievement by race** along the STEM cradle-to-career continuum.

These gaps are **not explained** by lack of interest.


How do we **harness students' interest** in STEM, in ways that positively impact achievement?

# STEM education is critical to Minnesota's prosperity

# True or false?

Minnesota has large gaps in

**STEM interest and achievement**

by gender.

**22%** of Minnesota's workers are employed in STEM

**26%** of **male** workers

**17%** of **female** workers

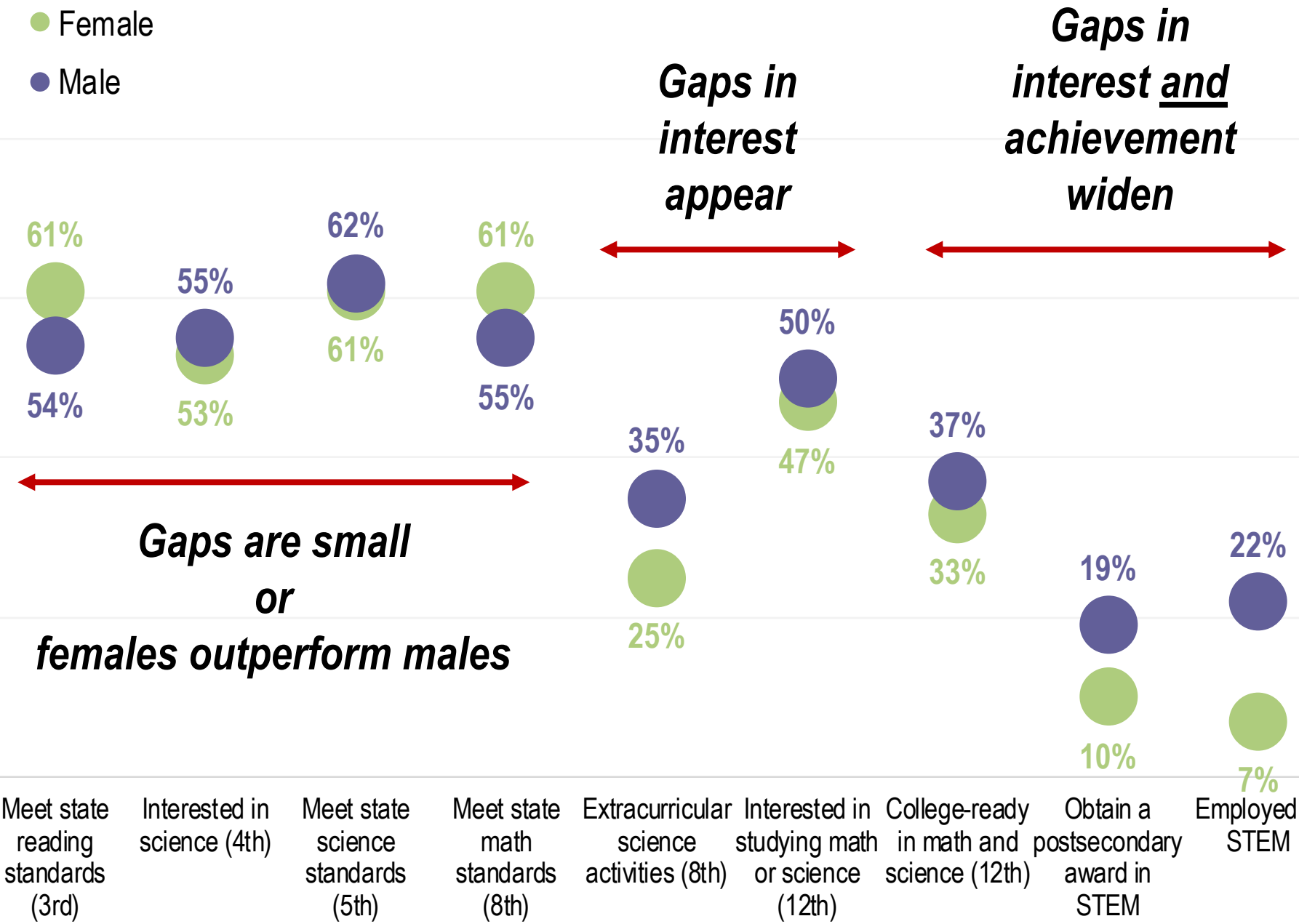
**What if we exclude healthcare?**

~~26%~~ **22%** of male workers

~~17%~~ **7%** of female workers

**What if we exclude healthcare?**

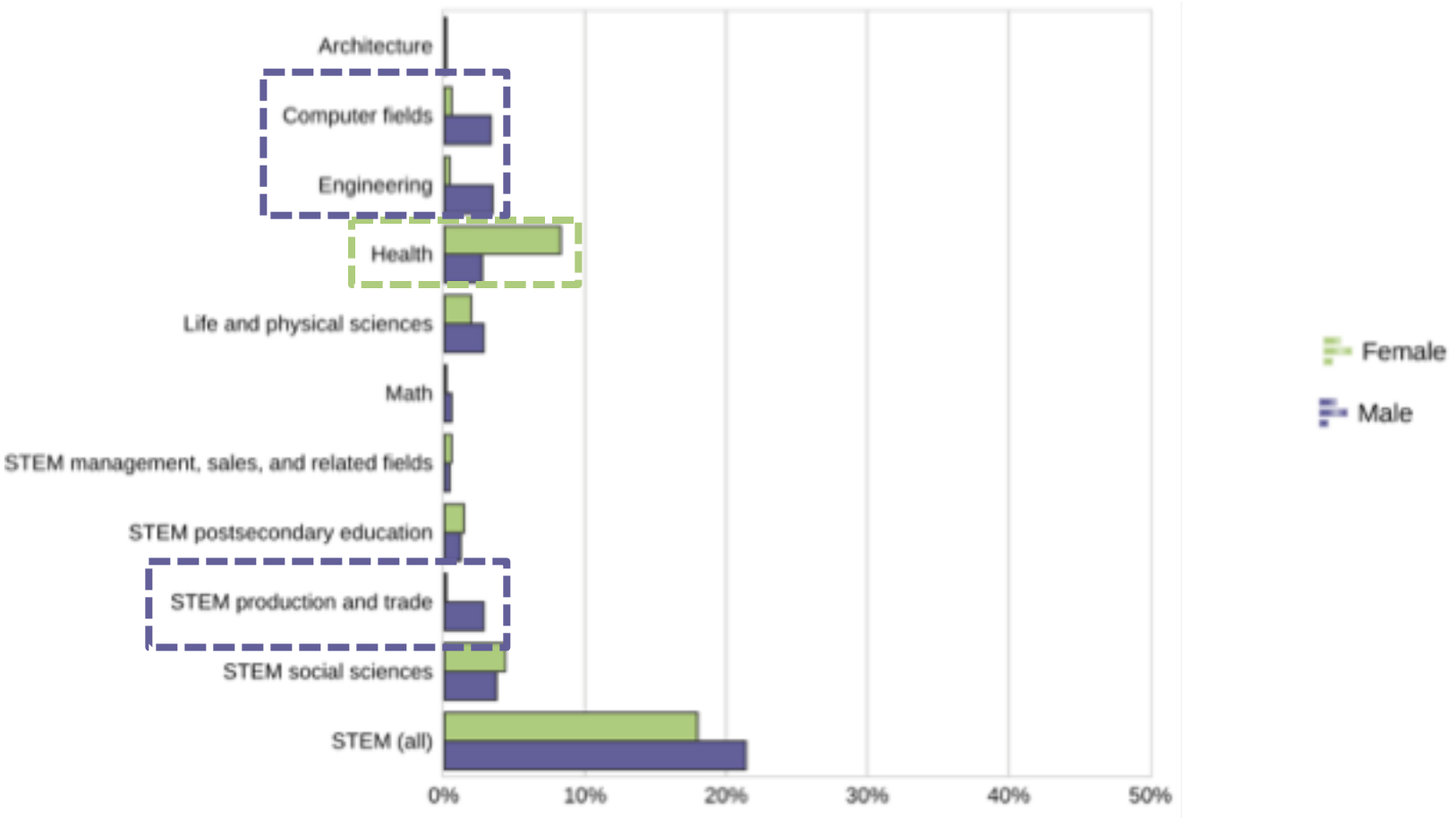
# Gaps by gender along the STEM cradle-to-career continuum



# Horizontal segregation into different STEM fields of study

**Proportion of degrees/certificates awarded in STEM fields by gender**

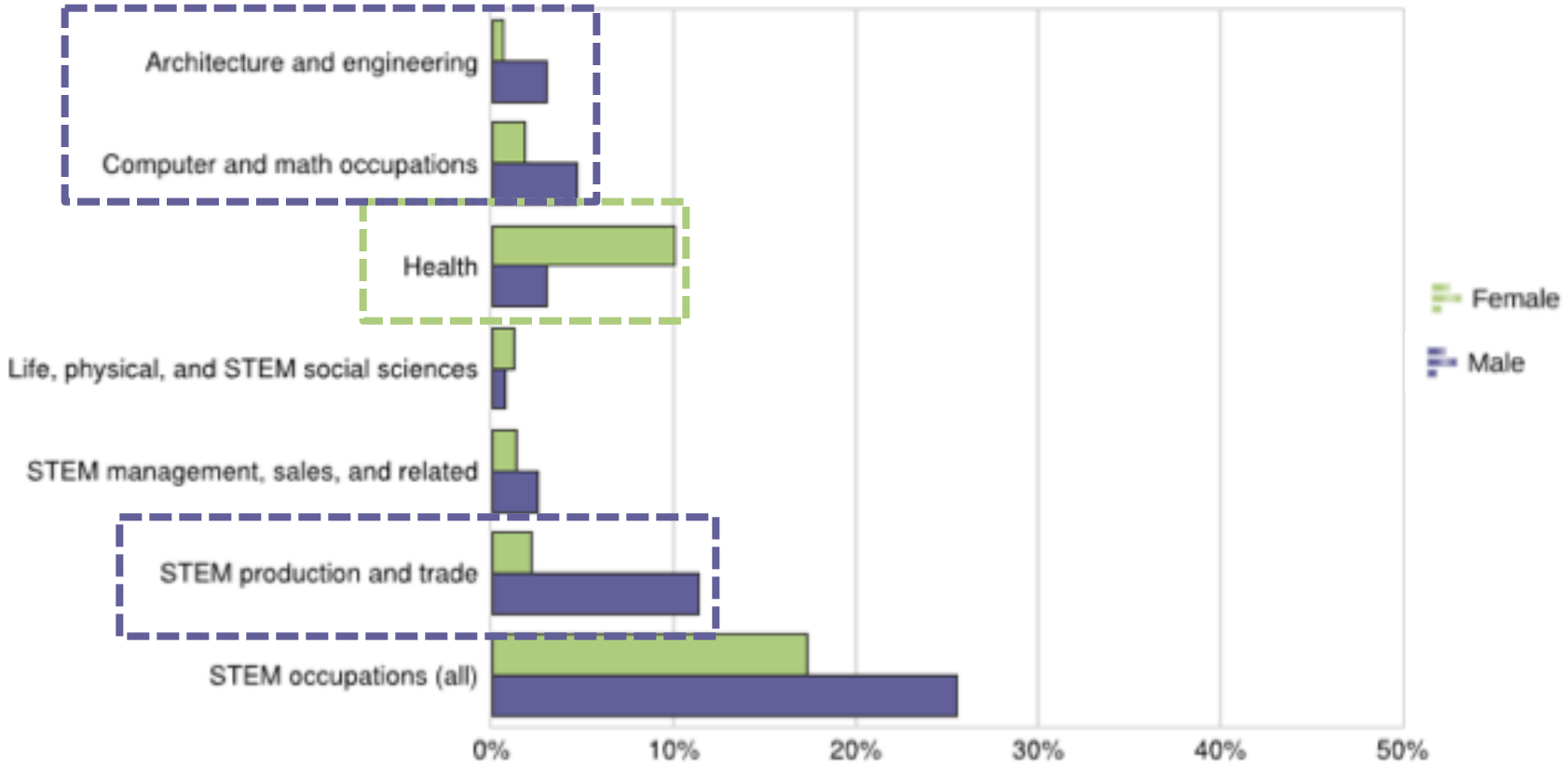
Minnesota, 2012



# Horizontal segregation into different STEM occupations

**Proportion of all workers employed in STEM fields by gender**

Minnesota, 2015



Gender gaps along the cradle-to-career continuum start out **relatively small**

But a bit later in the pipeline, we see **gaps emerge**


How can we make specific STEM fields **more appealing** to under-represented groups?

# STEM education is critical to Minnesota's prosperity



# True or false?

We are granting
postsecondary degrees and certificates
in the STEM fields
where we expect

**highest growth in employment.**

**True and false**

# Majority of Minnesota's STEM workers are employed in…

## Health

*167,000 workers*

## Production and trade

*113,000 workers*

## Computer fields

*91,000 workers*

# Over the next decade, we expect to highest growth in same three STEM fields

**20,100** new jobs in health

**4,400** new jobs in production

**7,000** new jobs in computer fields

# But these fields are not where most STEM degrees and certificates are awarded

**12,600** in health

**8,400** in STEM social sciences

**4,600** in life and physical sciences

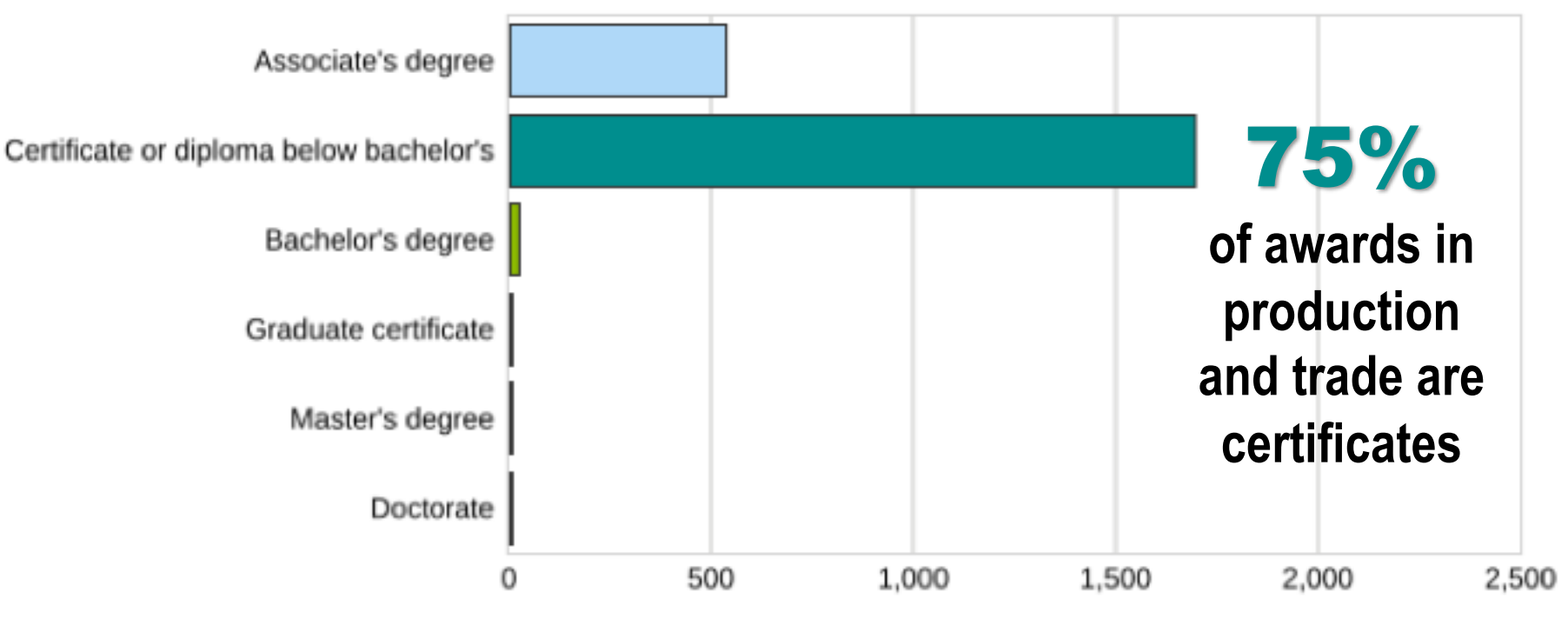
**Credentialing is required in some, but not all, STEM jobs**

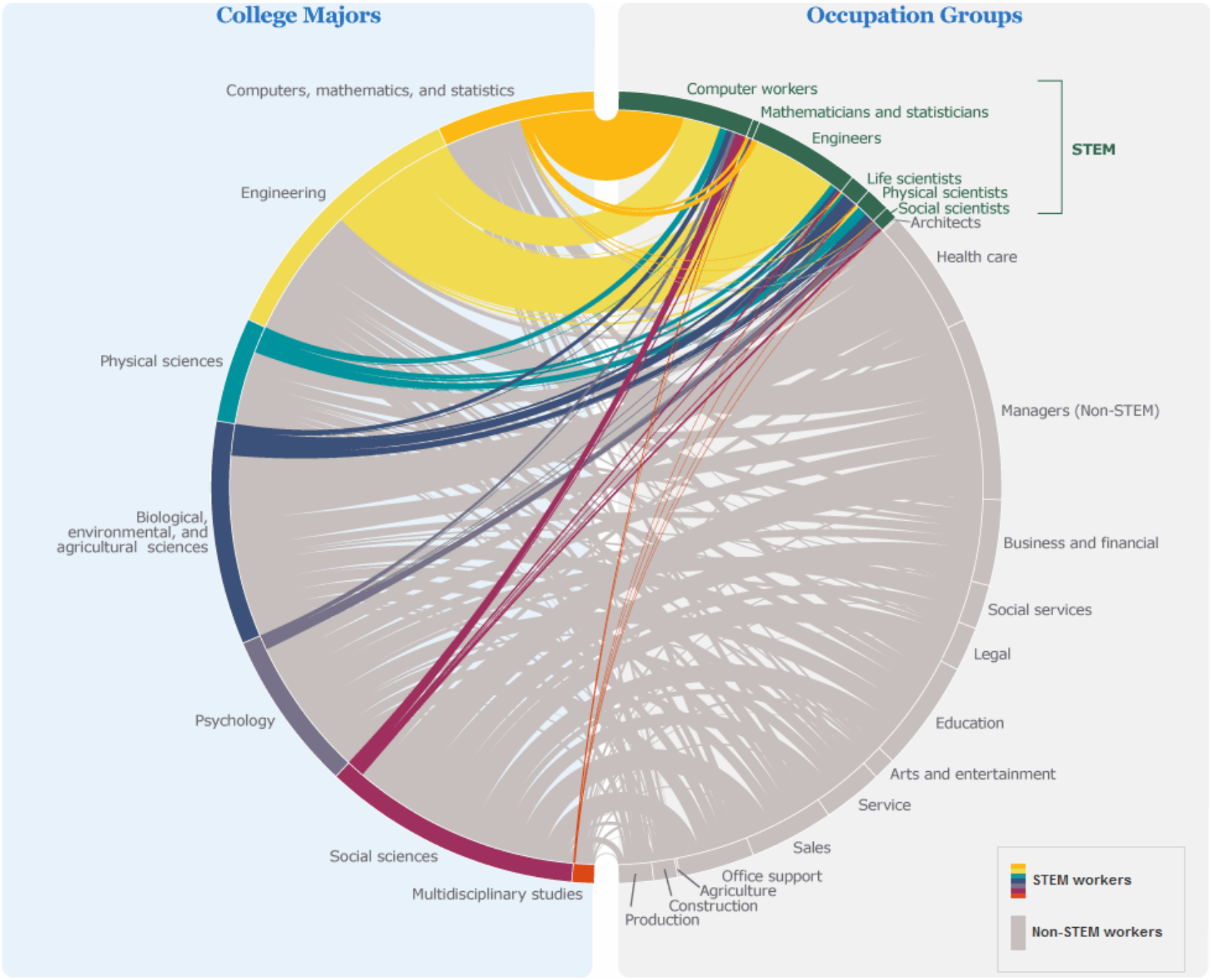
## 5 largest jobs in STEM production and trade

- Machinists
- Electricians
- Automotive service technicians and mechanics
- Welders, cutters, solderers, and brazers
- Plumbers, pipefitters, and steamfitters

# And we see evidence of that in the types of degrees and certificates awarded

**Postsecondary degrees and certificates awarded in STEM production and trade fields**
Minnesota, 2012

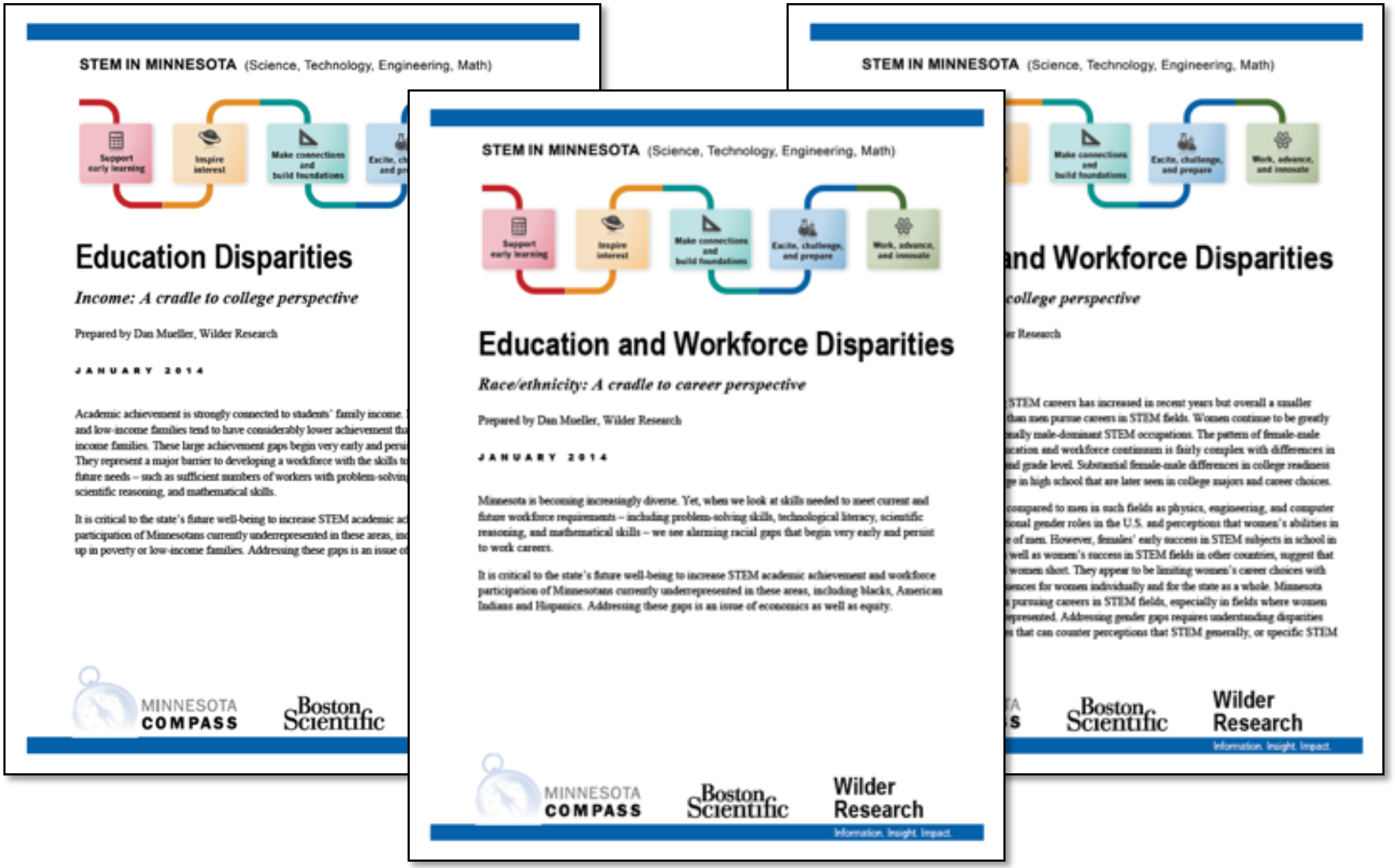



College Majors
Occupation Groups
Computers, mathematics, and statistics
Engineering
Physical sciences
Biological, environmental, and agricultural sciences
Psychology
Social sciences
Multidisciplinary studies
Computer workers
Mathematicians and statisticians
Engineers
Life scientists
Physical scientists
Social scientists
Architects
STEM
Health care
Managers (Non-STEM)
Business and financial
Social services
Legal
Education
Arts and entertainment
Service
Sales
Office support
Agriculture
Construction
Production
STEM workers
Non-STEM workers

There are **multiple pathways** in STEM, and not all require the same levels of education

STEM education contributes to broader **21st century skills** that matter, regardless of field

# In our Minnesota Compass library…



# Ways to keep in touch…



Text **MNCOMPASS** to 22828

Sign up for our monthly e-newsletter at
***www.mncompass.org***

Follow us on Twitter
**@MNCompass @AllisonLiuzzi**

Connect with MN Compass on Facebook

# 11.
# Other Business

# 12.
# Adjourn

# Credits

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by SlidesCarnival
- Photographs by Unsplash

# Presentation design

This presentations uses the following typographies and colors:

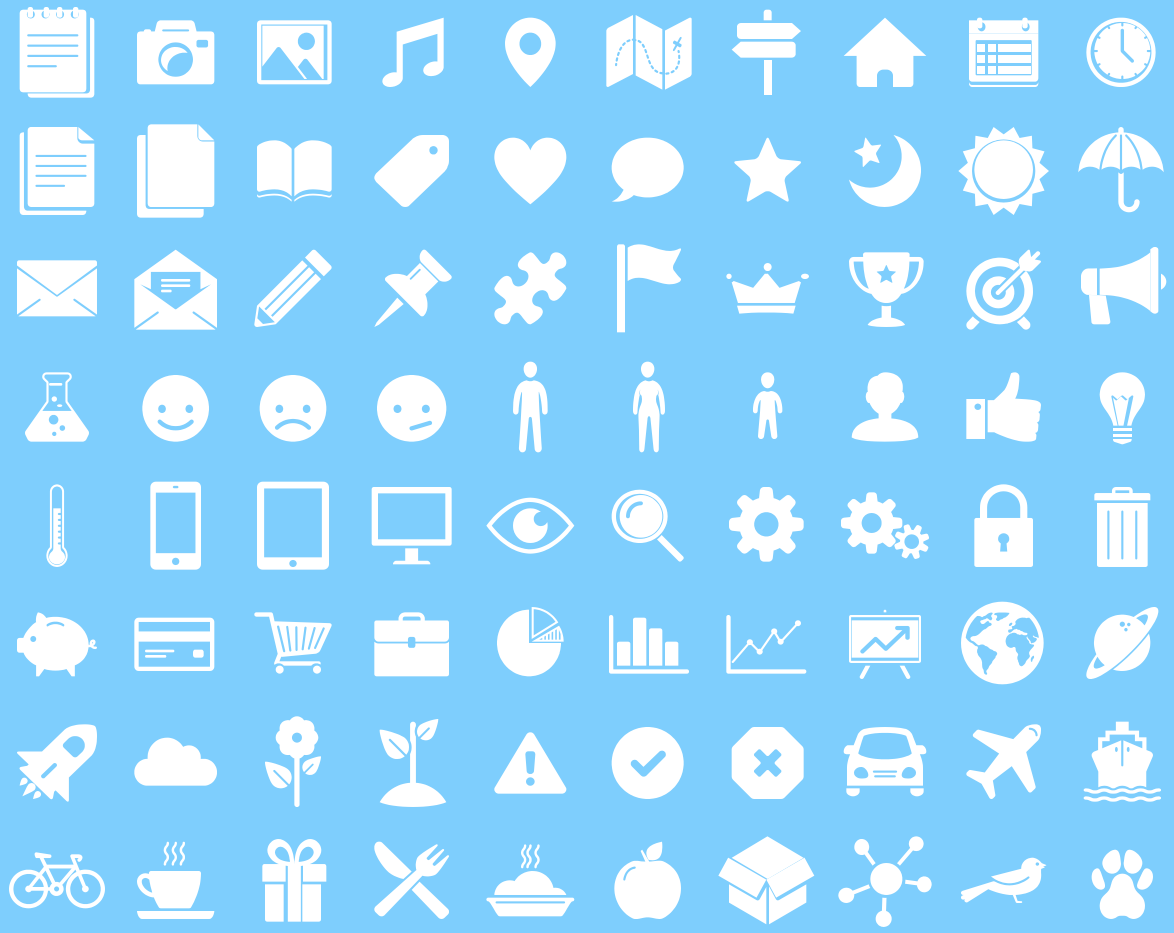
- Titles: **Raleway**
- Body copy: **Lato**

You can download the fonts on this page:
https://www.google.com/fonts#UsePlace:use/Collection:Lato:400,700,400italic,700italic|Raleway:400,700

Click on the “arrow button” that appears on the top right

- Dark blue **#2185c5**
- Light blue **#7ecefd**
- Yellow **#ff9715**
- Magenta **#f20253**
- Dark gray **#677480**
- Light gray **#97abbc**

*You don’t need to keep this slide in your presentation. It’s only here to serve you as a design guide if you need to create new slides or download the fonts to edit the presentation in PowerPoint®*



**SlidesCarnival icons are editable shapes.**

This means that you can:

- Resize them without losing quality.
- Change fill color and opacity.
- Change line color, width and style.

Isn't that nice? :)

Examples: