

<b>Title</b>	<b>2017 Roadmap Update Project Plan</b>	
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<b>Synopsis</b>	Staff will discuss the background and context for the goals, along with key imperatives to meet the needs of Washington’s economy and the changing demographics of the state. The Council will discuss the relevance of the goals and the potential need to make revisions as we begin work on the 2017 Roadmap update.	
<b>Guiding questions</b>	<ol style="list-style-type: none"> <li>1. What has changed since the goals were developed in 2013?</li> <li>2. How can we describe the complexity in reaching our goals?</li> <li>3. Should we develop interim targets?</li> </ol>	
<b>Possible Council Action</b>	<input checked="" type="checkbox"/> Information/Discussion <input type="checkbox"/> Approve/Adopt <input type="checkbox"/> Other	
<b>Documents and Attachments</b>	<input type="checkbox"/> Brief/Report <input checked="" type="checkbox"/> PowerPoint <input type="checkbox"/> Third-party materials <input type="checkbox"/> Other	



WASHINGTON STUDENT  
**ACHIEVEMENT COUNCIL**  
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# ROADMAP 2017

## Discussion of Attainment Goals

February 8, 2017

Rachelle Sharpe, Ph.D.—Deputy Executive Director  
Randy Spaulding, Ph.D.—Director of Academic Affairs and Policy





# Roadmap Update 2017

1. What has changed in the economy and in our educational system since 2013?
2. How can we describe the complexity in reaching our goals?
3. Should we develop interim targets?



# Statewide attainment goals by 2023

Ensure our residents can compete for the best jobs in Washington.



100% of adults\* will have a high school diploma or equivalent.



At least 70% of adults\* will have a postsecondary credential.

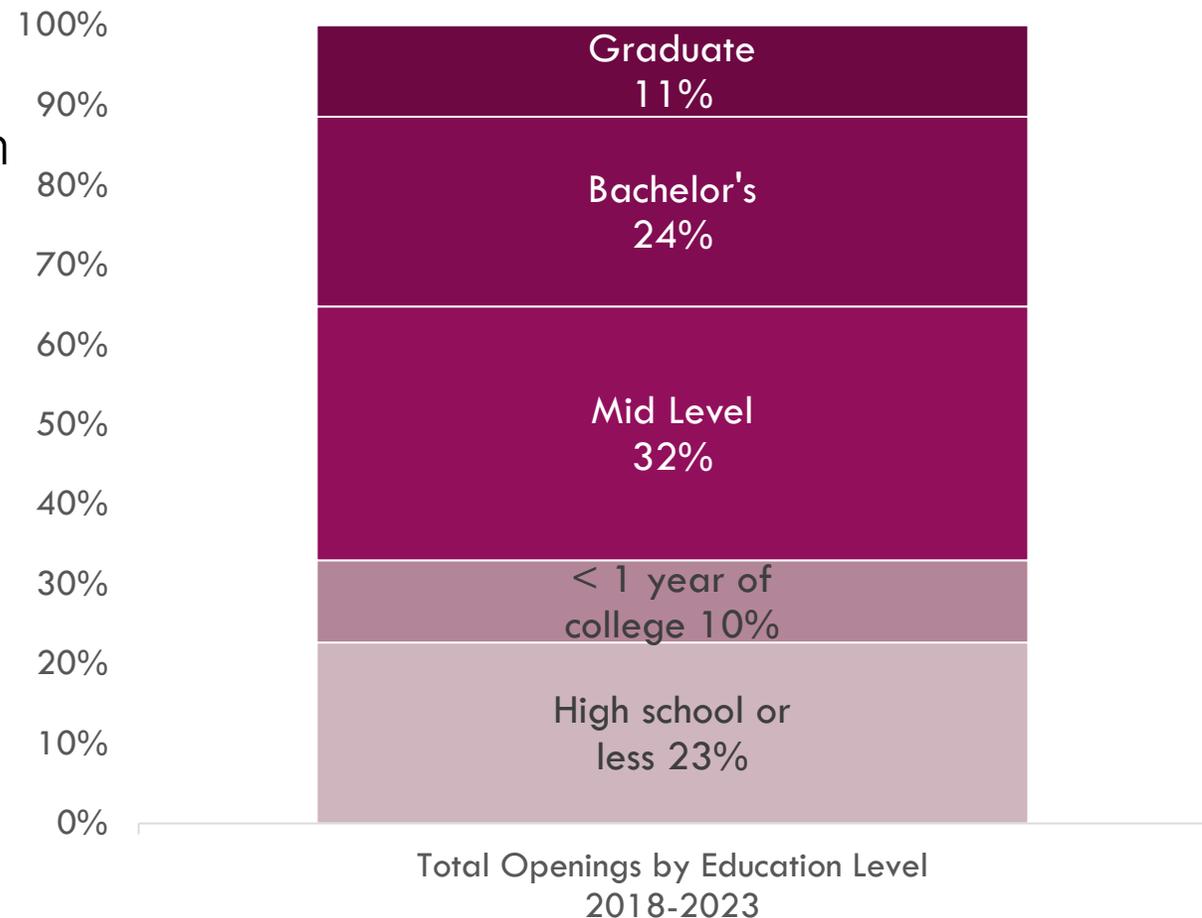
The ten-year Roadmap outlined the goals adopted by the 2014 Legislature.

\*Adults in Washington aged 25-44.



# Education is critical to a thriving economy

- Over 3/4 of job openings in Washington require education beyond high school.
- The state goals reflect the needs in Washington and are consistent with analysis by national experts.
  - Lumina Foundation and the Georgetown University Center on Education and the Workforce.



\*Mid level: A year or more of college credit including Associates degrees.

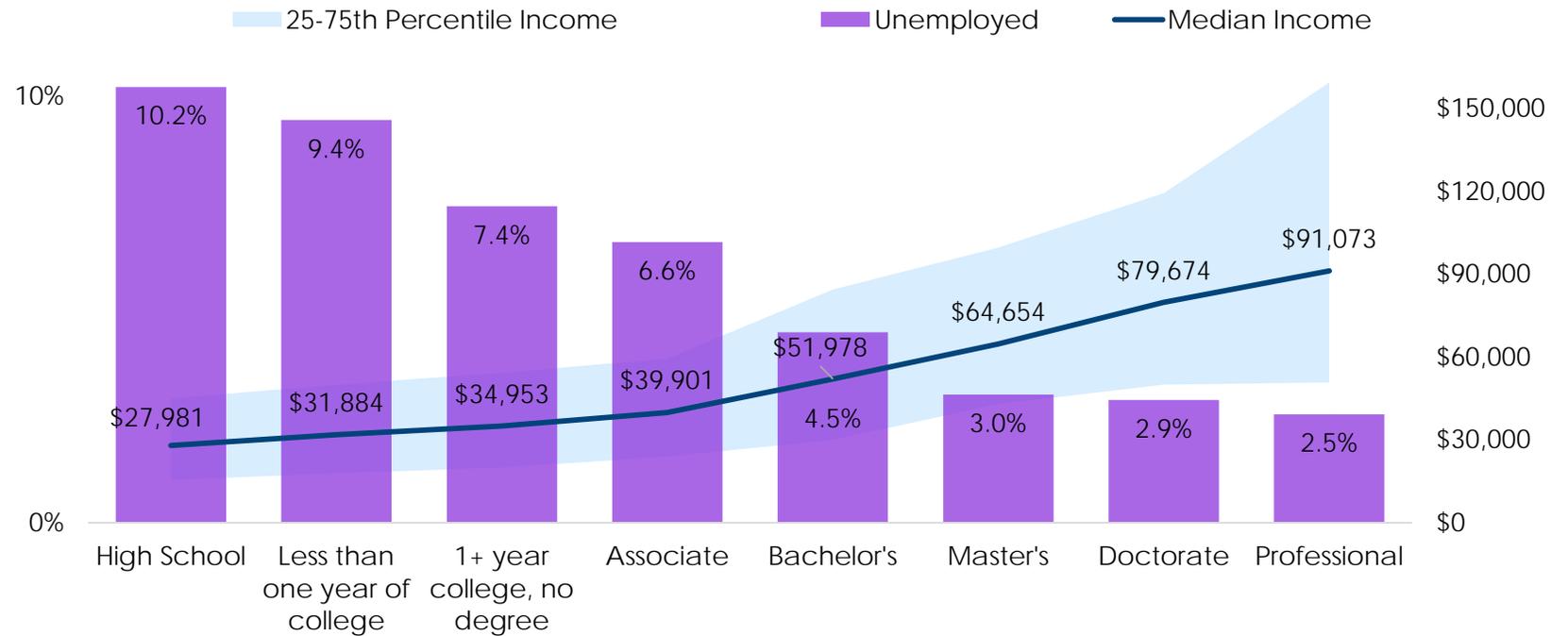
Source: A Skilled and Educated Workforce 2015



# Further education leads to prosperity

- Living wage employment.
- Higher labor force participation.
- Lower unemployment.

## Income and Unemployment by Educational Attainment



SOURCE: WSAC staff analysis of ACS 2009-2013 Employed and "Not Currently Attending" Washington Residents (September 2015).

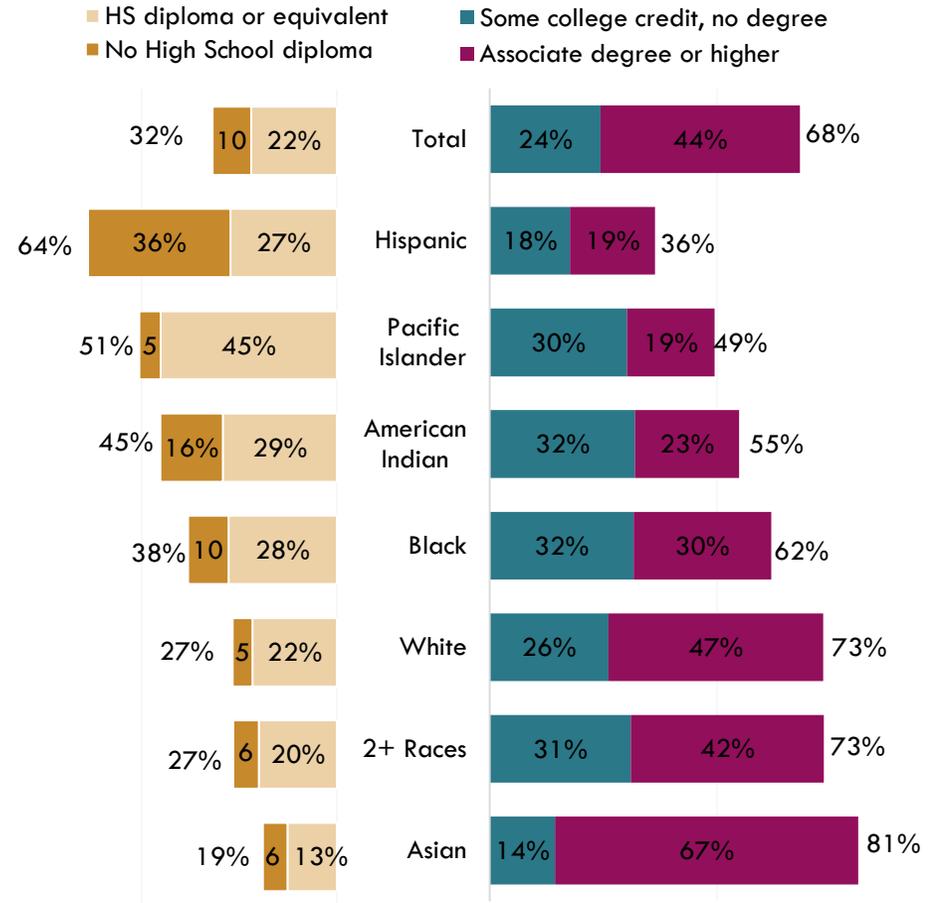


# Attainment varies by population

Students from racial and ethnic minority populations represent an increasing share of Washington's high school population.

However, attainment gaps persist for certain populations.

### Educational Attainment of Washington Residents Aged 25-44

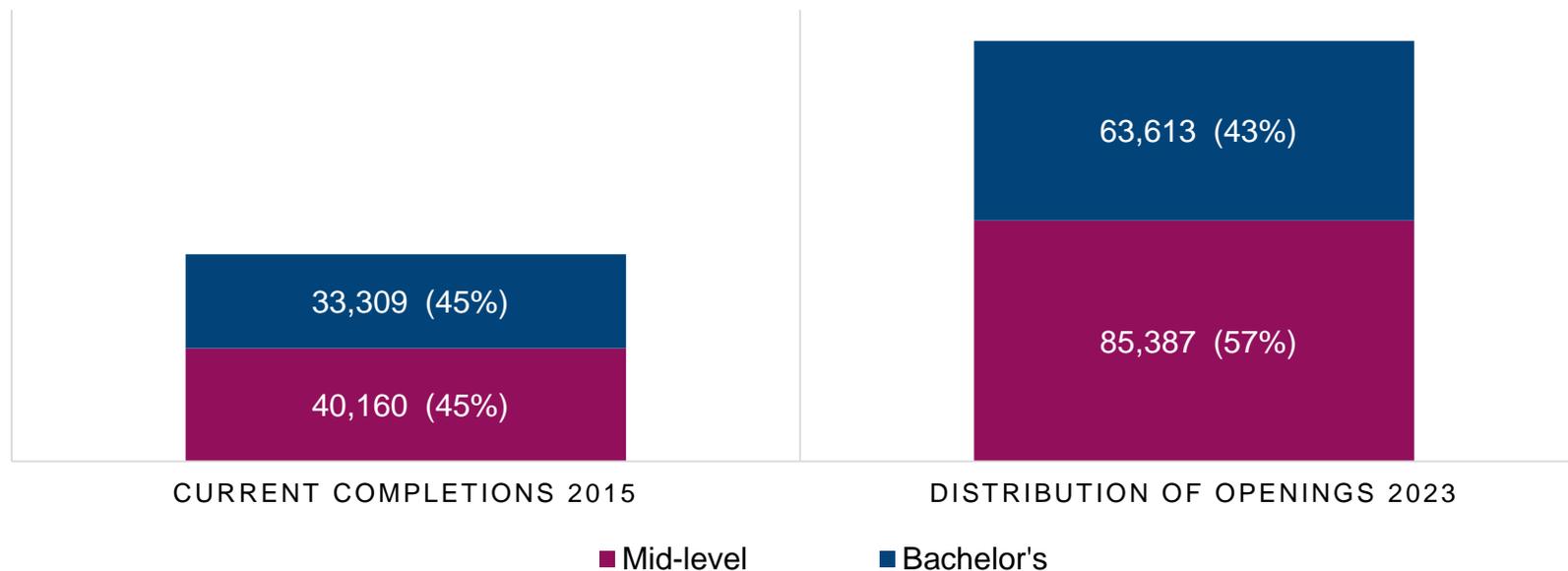


Source: WSAC staff analysis of ACS year 2011-2013 (September 2016)



# Need substantial increases in all credentials

## GROWTH REQUIRED TO REACH GOALS AND MEET EMPLOYMENT DEMAND IN 2023



\*Mid level: A year or more of college credit including Associates degrees.

Source: A Skilled and Educated Workforce 2015



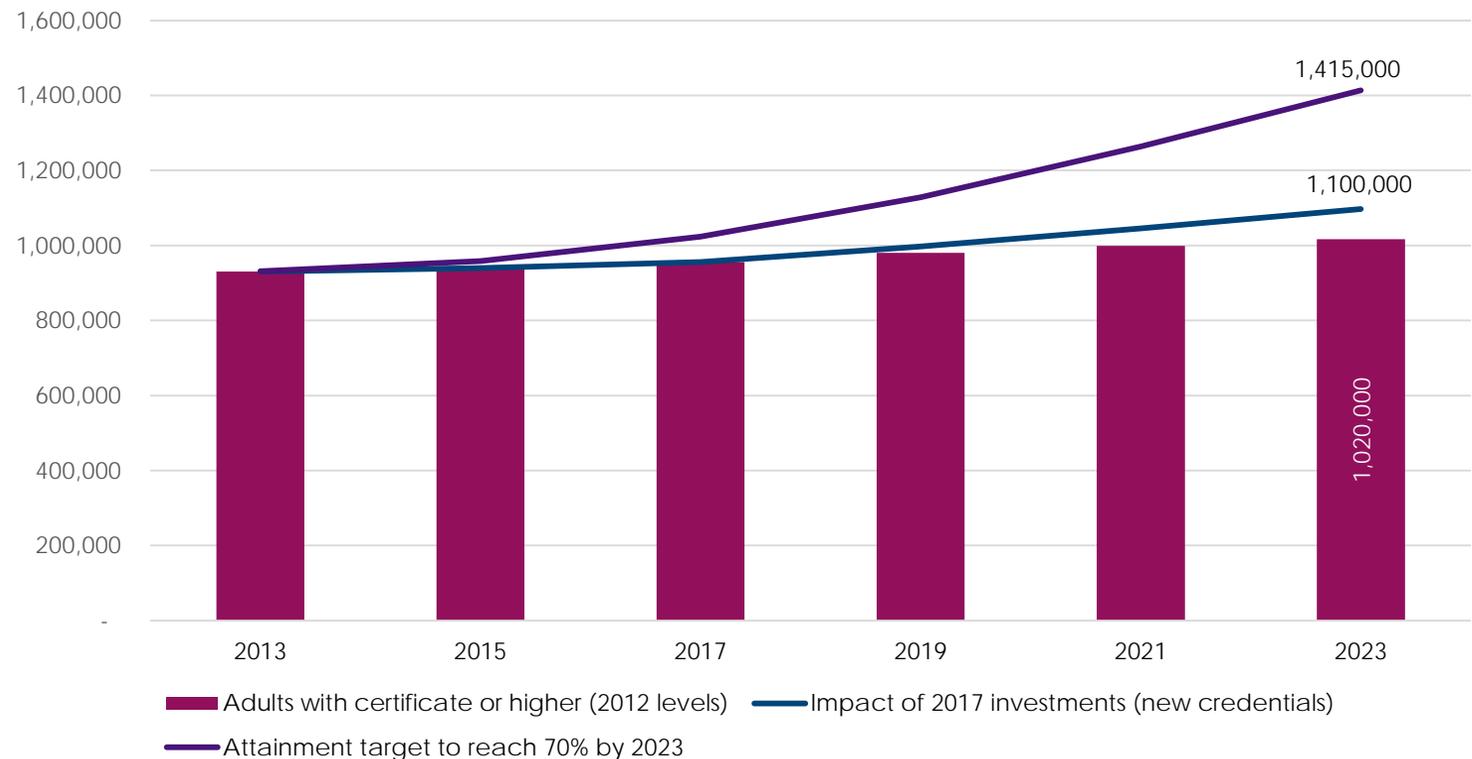
# Growth required to achieve goals

To meet the goal and address population growth, 500,000 additional adults would need to complete a credential.

90,000 would be required to keep pace with population growth.

80,000 could result from 2017-19 Strategic Action Plan investments.

Increases in Attainment Required to Meet Roadmap Goal of 70% Postsecondary Attainment by 2023





# Sustained commitment leads to results

## Well-funded institutions

- Provide quality instruction and student support to improve graduation rates.

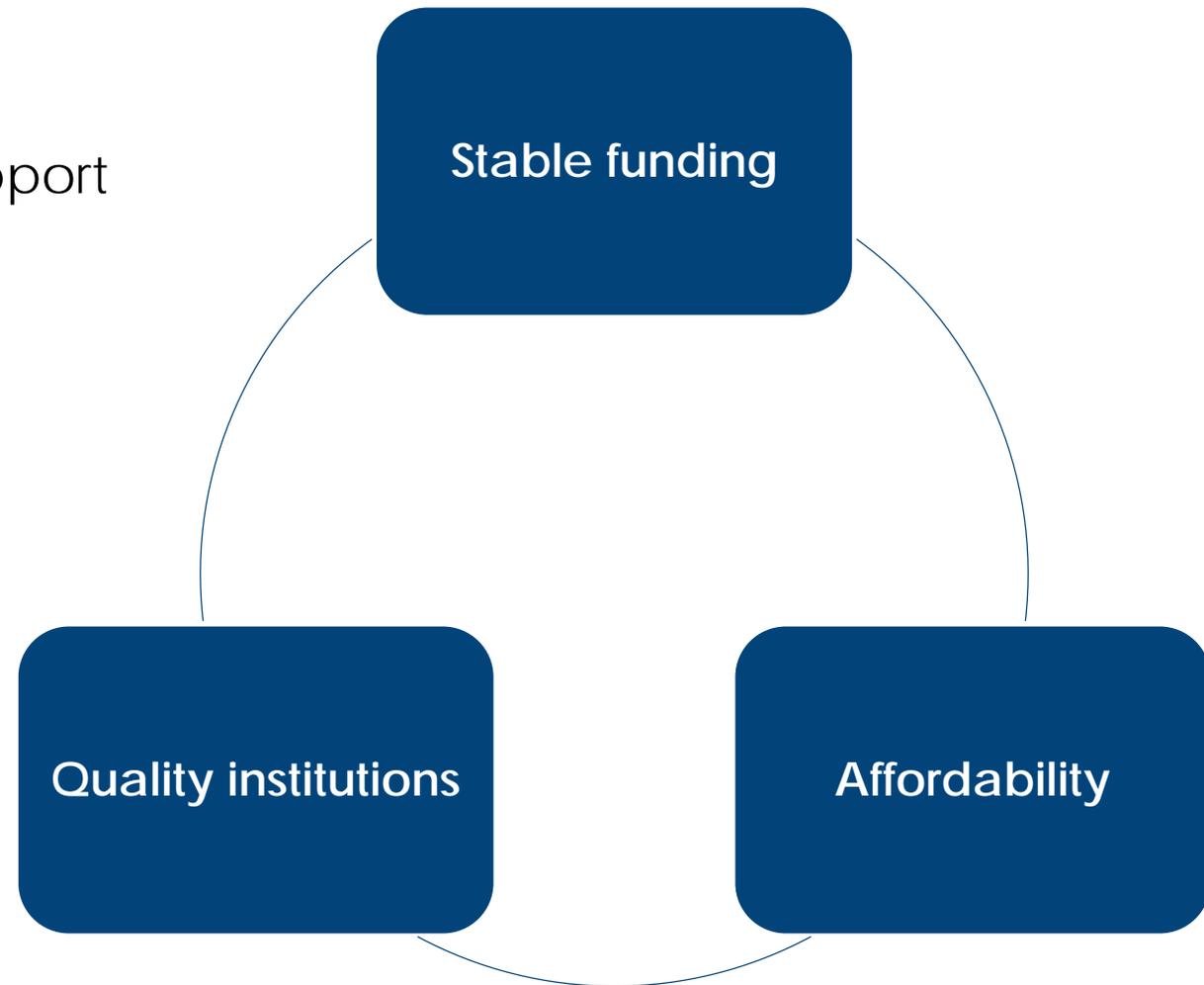
## Stable state financial aid

- Helps low-income students afford college.

## Predictable tuition

- Helps families plan for college costs.
- Enables institutions plan longer term.

Sustained commitment from the Legislature leads to positive results.





# Advisory Group Proposed Work Plan

1. Establish a Vision statement
2. Reaffirm the state's workforce needs
3. Develop interim targets
  - Region
  - Sector
  - Workforce Industry
4. Describe leading indicators and performance measures
  - College Readiness
  - Postsecondary Participation
  - College Completion
  - Affordable Pathways
  - Workforce Demands
5. Leverage data systems to evaluate outcomes
  - Private institutions
  - Certificates and apprenticeships
  - Mix of credentials based on employer needs
  - Sector and regional contributions
6. Describe current efforts and strategies





# Higher education provides returns to the state

## Calculating the Economic Value of Increasing College Credentials by 2025 Washington

Start Over
Save Scenario
Print Page

Increase College Attainment
View Returns on Investment
Instructions and Definitions

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### Set Postsecondary Performance Goals for Year 2025

Increase College Access

Avg. Performance of Top 3 States

High School Graduation Rate	<input type="range"/>	68.6%
College-Going Rate Directly from High School	<input type="range"/>	50.7%
20 to 39 Year Olds Enrolled in College	<input type="range"/>	0.50%

Increase Number of College Credentials

Public Research	<input type="range"/>	25.0
Public Bachelor's and Master's	<input type="range"/>	24.3
Public Two-Year	<input type="range"/>	23.9
Private Colleges	<input type="range"/>	27.5

**Undergraduate Credentials Awarded per 100 Students**

Directly from High School

Public Research	<input type="text" value="28%"/>	<input type="text" value="2%"/>	<input type="text" value="2%"/>	<input type="text" value="2%"/>
Public Bachelor's and Master's	<input type="text" value="20%"/>	<input type="text" value="5%"/>	<input type="text" value="5%"/>	<input type="text" value="5%"/>
Public Two-Year	<input type="text" value="32%"/>	<input type="text" value="70%"/>	<input type="text" value="70%"/>	<input type="text" value="70%"/>
Private Sector	<input type="text" value="20%"/>	<input type="text" value="22%"/>	<input type="text" value="22%"/>	<input type="text" value="22%"/>

2025 Enrollment patterns of additional first-time students as a result of the improvements made above.

Must Equal 100%

Must Equal 100%

### Optional: Set 2025 College Attainment Goal (%)

(Current College Attainment of 25 to 64 Year Olds is 42.5%)

**Gap: Additional Degrees Needed to Meet Goal 447,883**

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### Results: Additional Undergraduate Credentials Awarded by 2025

Associate's	<input style="width: 50px;" type="text" value="5,618"/>	+	Bachelor's	<input style="width: 50px;" type="text" value="(3,407)"/>	
= Additional Degrees				2,211	
Undergraduate Certificates				3,933	
<b>Total Additional Undergraduate Credentials</b>				6,143	

### Additional Undergraduate Credentials Awarded Annually

■ Certificates    ■ Associate's    ■ Bachelor's

Year	Certificates	Associate's	Bachelor's	Total
2011	100	100	0	200
2012	100	100	0	200
2013	100	100	0	200
2014	100	100	0	200
2015	100	100	0	200
2016	100	100	0	200
2017	100	100	0	200
2018	100	100	0	200
2019	100	100	0	200
2020	100	100	0	200
2021	100	100	0	200
2022	100	100	0	200
2023	100	100	0	200
2024	100	100	0	200
2025	100	100	0	200

Source: <http://www.nchems.org>



# Proposed next steps

- Convene **advisory group** to review goals and metrics.
- Develop **interactive model** to look at impact of system improvements on goals.
- Update **Skilled and Educated Workforce Analysis**.
- Analyze **regional and community needs** in collaboration with STEM Alliance.