10/19/17 & 10/20/17 Supplemental Material, BOR-10 Page 1 of 27

> WNC IAC, November 15, 2017 Meeting Agenda Item 12

NSHE Strategic Planning Goals

2018-2021



GOAL 1 ACCESS

Increase participation in post-secondary education



GOAL 1: ACCESS

Participation: 18- to 24-Year Olds Enrolled in Postsecondary Education 2015

Rhode Island				50.7
lowa			44	.5
Vermont			42.1	
Massachusetts			41.1	
New Hampshire			40.5	
West Virginia			40.4	
California			40.2	
Idaho			40.1	
South Dakota			39.9	
Kansas			39.7	
Delaware			39.5	
Nebraska			38.7	
Pennsylvania			38.6	
Utah			38.3	
Alabama			38	
New York	Neurode	30 10/	37.8	
Wisconsin	Nevada	26.1%	37.6	
Arizona			37.3	
North Dakota			37.2	
Mississippi	U.S.	35.6%	37	
Indiana	0.00		36.6	
Minnesota			36.5	
Virginia			36.4	
Maine			36.3	
Missouri			36.2	
Ohio		– –	36.1	
Michigan Oregon	Nevada	Ranks	36.1	
Nation			35.8 35.6	
Illinois			34.2	
Florida	49t	'n	33.9	
Maryland		••	33.8	
South Carolina			33.6	
Oklahoma			33.6	
Arkansas			33.6	
Kentucky			33.5	
Connecticut			33.5	
North Carolina			33.4	
New Jersey			32.9	
Wyoming			32.7	
Tennessee			32.4	
New Mexico			32.4	
Montana			32.2	
Texas		3	1.8	
Louisiana		30.	9	
Georgia		30.	9	
Colorado		30.4	8	
Washington		29.9		
Hawaii		28.9		
Nevada		26.1		
Alaska	18	8.3		

Source: IPEDS; U.S. Census Bureau

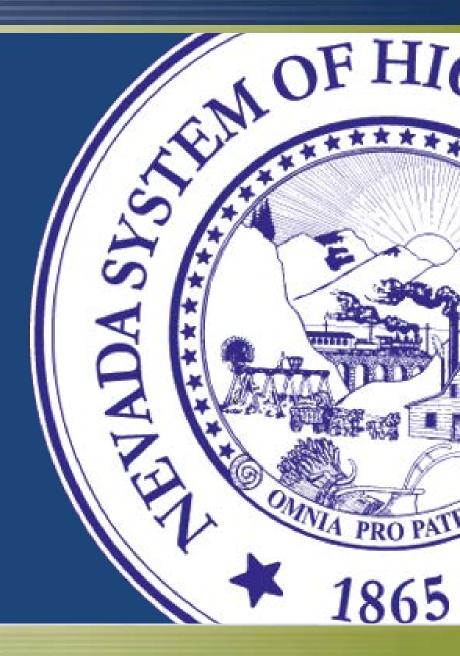
GOAL 1: ACCESS

Percent of High School **Graduates Going Directly** to Postsecondary **Education 2014**

Massachusetts		74.5
Connecticut		73.4
Mississippi		72.2
Minnesota		69.9
New Jersey		69.8
Louisiana		69.5
New York		69.3
South Carolina		68.1
Virginia		67.7
South Dakota		67.2
lowa		67.2
North Dakota		65.9
Kansas		65.4
Tennessee		64.5
Michigan		64
Maryland	Numeral EQ 70/	63.9
Kentucky	Nevada 52.7%	63.6
Georgia		63.6
Arkansas		63.5
Florida	U.S. 62.6%	63.4
New Mexico		63.3
Delaware		63.2
Oklahoma		63
North Carolina		62.9
Nation		62.6
Ohio		62.5
Nebraska	Nevada Ranks	62.5
Missouri		62.1
Alabama		62.1
Rhode Island	44th	62
Pennsylvania		61.6
New Hampshire Illinois		61.5
Wisconsin		61.5
Indiana		61.3
Montana		61.3 60.9
California		60.9
Hawaii		60.8
Texas		58.7
Colorado		58.2
West Virginia	54.7	501L
Maine	54.6	
Vermont	54	
Wyoming	53.8	
Nevada	52.7	
Arizona	52.3	
Washington	50.1	
Oregon	47.6	
Utah	45.3	
Alaska	44	
Idaho	43.7	
	45.7	

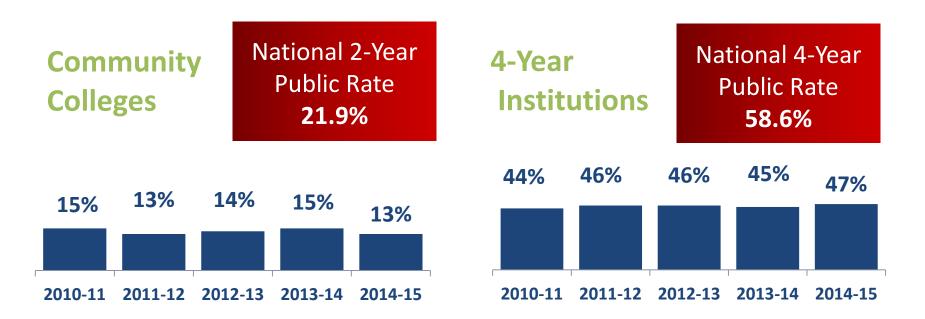
Source: IPEDS; WICHE

Increase student success



Graduation Rates: 2-Year and 4-Year NSHE Sectors

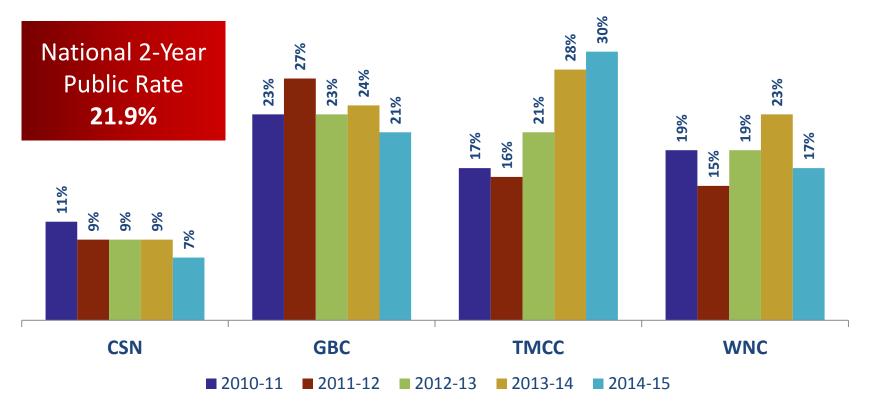
First-Time, Full-Time, Degree-Seeking Students



*150% of normal time: 6 years for a bachelor's degree; 3 years for an associate's degree; 1.5 years for a certificate

Graduation Rate: Community Colleges*

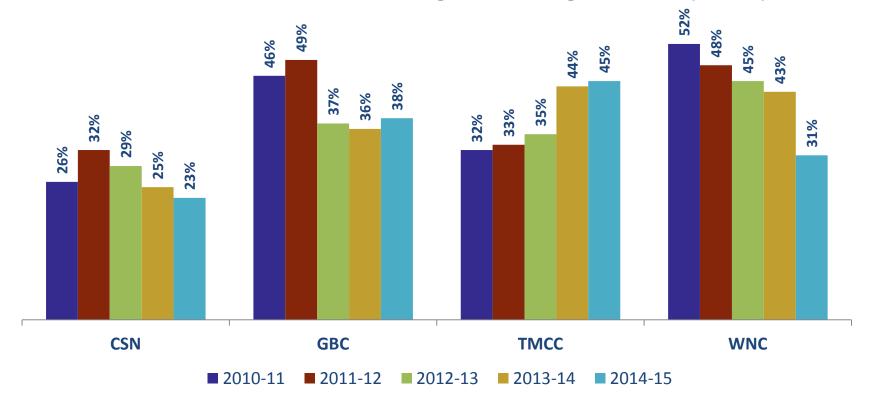
First-Time, Full-Time, Degree-Seeking Students (IPEDS)



*150% of normal time: 3 years for an associate's degree; 1.5 years for a certificate

Graduation Rate with Transfer: Community Colleges*

First-Time, Full-Time, Degree-Seeking Students (IPEDS)



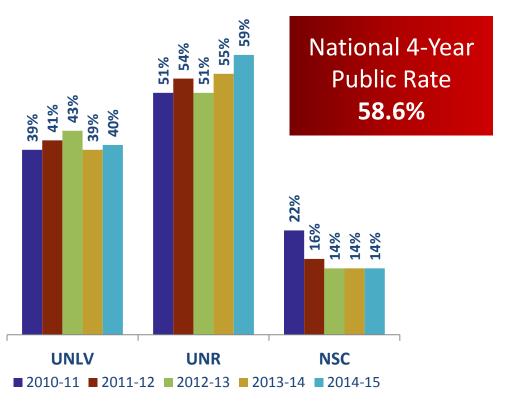
*150% of normal time: 3 years for an associate's degree; 1.5 years for a certificate

Graduation Rate: 4-Year Institutions*

First-Time, Full-Time, Degree-Seeking Students (IPEDS)

Other Success Measures

- Number of students receiving an award
- Persistence to 2nd Year
 - Systemwide
- Completion of College Level Math and English within one year



*150% of normal time: 6 years for a bachelor's degree

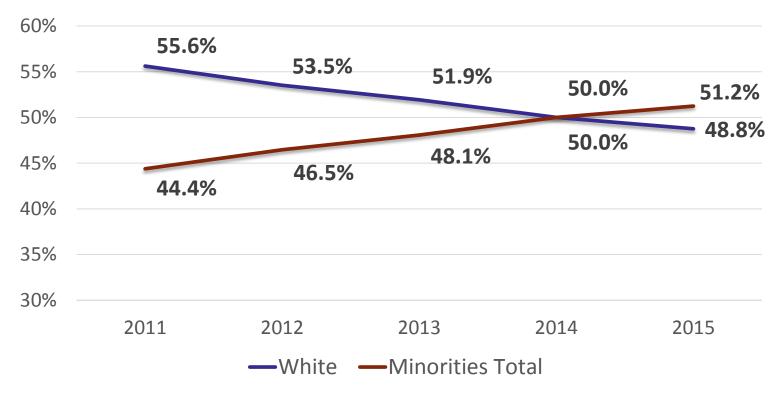
	2011-12	2015-16	% Change
Associate's Degree	3,853	5,180	34.4%
Bachelor's Degree	6,625	7,778	17.4%
Master's Degree	1,880	1,700	-9.6%
Doctoral	264	296	12.1%
Professional	309	254	-17.8%
Certificate of Greater than One Year	522	657	25.9%
Total	13,453	15,865	17.9%
Certificate of Less than One Year*	18	3,125	17261.1%

*NSHE institutions began formally awarding and reporting skills certificates (certificates of less than one year) to IPEDS in 2013-14. Source: IPEDS

Close the achievement gap among underrepresented student populations



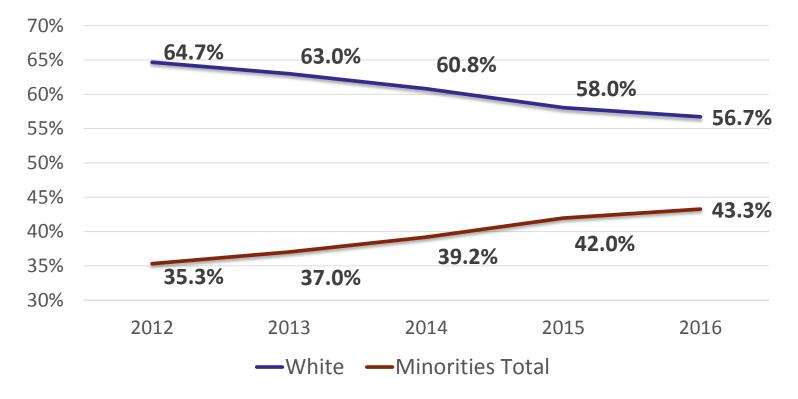
Enrollment Distribution



12

Source: IPEDS

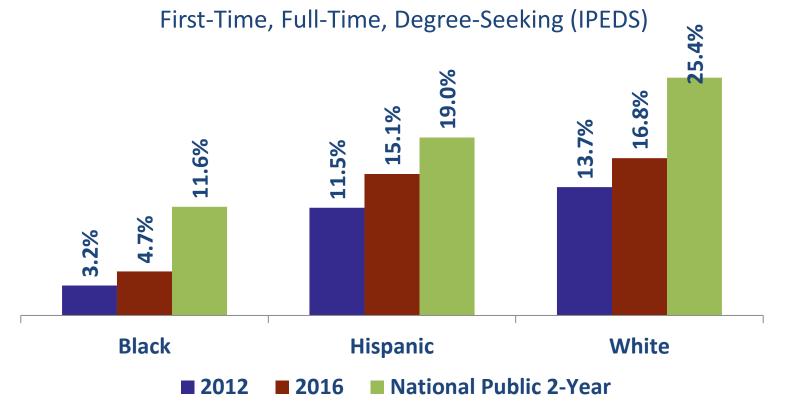
Distribution of Awards Conferred



13

Source: IPEDS

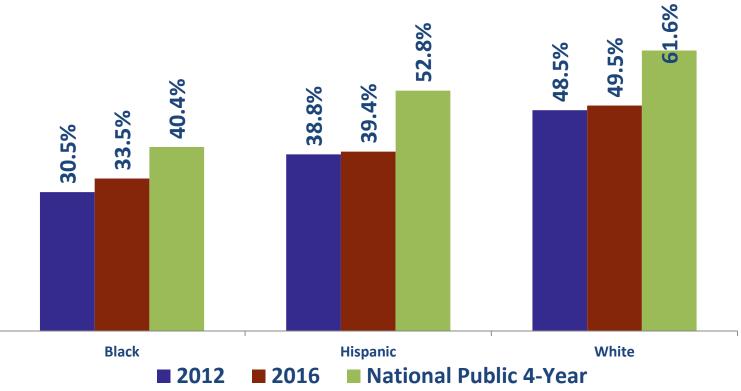
Graduation Rate: 2-Year Institutions*



*150% of normal time: 3 years for an associate's degree; 1.5 years for a certificate

Graduation Rate: 4-Year Institutions*

First-Time, Full-Time, Degree-Seeking (IPEDS)



15

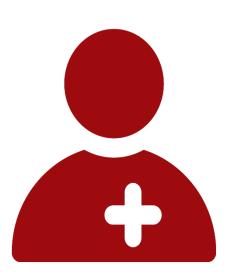
* 150 percent of normal time: 6 years for a bachelor's degree

GOAL 4 WORKFORCE

Collaboratively address the challenges of the workforce and industry education needs of Nevada



GOAL 4: WORKFORCE



REGISTERED NURSING

•	Total Openings from Growth and Replacement 2014-2024	10,440
•	Estimated Annual Openings from Growth and Replacement	1,044
•	2014-15 NSHE Graduates – All Levels	727
•	Graduates as a Percent of Annual Openings	69.6%
•	# of Grads Employed in Nevada First Year After Graduation	506
•	% of Grads Employed in Nevada First Year After Graduation	69.6%
•	% of Annual Openings met with NSHE Grads	48.5%

Source: DETR; NSHE; NPWR

GOAL 4: WORKFORCE

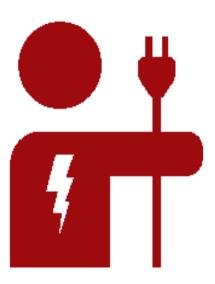


HVAC

•	Total Openings from Growth and Replacement 2014-2024	1,540
•	Estimated Annual Openings from Growth and Replacement	154
•	2014-15 NSHE Graduates – All Levels	43
•	Graduates as a Percent of Annual Openings	27.9%
•	# of Grads Employed in Nevada First Year After Graduation	19
•	% of Grads Employed in Nevada First Year After Graduation	44.2%
•	% of Annual Openings met with NSHE Grads	12.3%

Source: DETR; NSHE; NPWR

GOAL 4: WORKFORCE



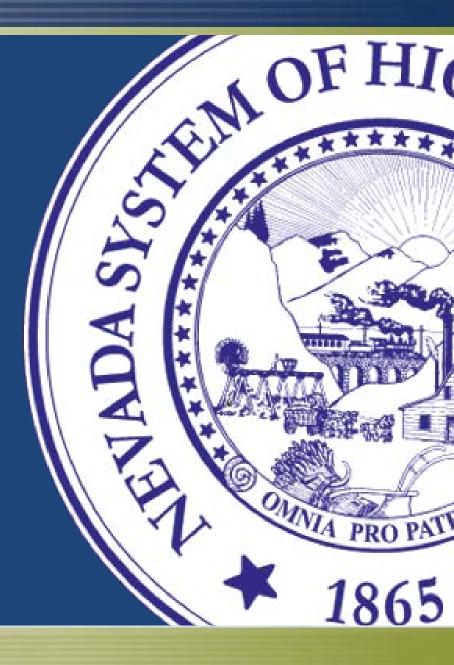
ELECTRICAL ENGINEER

•	Total Openings from Growth and Replacement 2014-2024	1,720
•	Estimated Annual Openings from Growth and Replacement	172
•	2014-15 NSHE Graduates – All Levels	78
•	Graduates as a Percent of Annual Openings	45.3%
•	# of Grads Employed in Nevada First Year After Graduation	46
•	% of Grads Employed in Nevada First Year After Graduation	59.0%
•	% of Annual Openings met with NSHE Grads	26.7%

Source: DETR; NSHE; NPWR

GOAL 5 RESEARCH

Co-develop solutions to the critical issues facing 21st century Nevada and raise the overall research profile



GOAL 5: RESEARCH

Quantitative Measures

Carnegie Classification includes a measure of research activity based on the following:



Science and Engineering Staff

21

Doctoral Awards Conferred

- Humanities fields
- Social Science fields
- STEM fields
- Other fields

GOAL 5: RESEARCH

Qualitative Measures

Examples of specific research projects that exemplify how NSHE institutions are solving critical problems through research



10/19/17 & 10/20/17 Supplemental Material, BOR-10 Page 23 of 27

NEXT STEPS



NEXT STEPS

Adopt goals and establish metrics to be used in measuring progress towards achieving goals.



NEXT STEPS

Create dashboard for presentation at each of the upcoming meetings.

25



Example from existing dashboard



Select an institution to view the institutions and their ipeds peers by year

NEXT STEPS

Include national, peer, and aspirational comparisons for each metric, where available.



