## CONTINUOUS IMPROVEMENT

# Beyond Measure

IN-SERVICE April 21, 2016





STUDENT SUCCESS

WORKFORCE DEVELOPMENT

CIVIC ENGAGEMENT



2016 Recommendations of the

# Ohio Higher Education Capital Funding Commission



#### **COLUMBUS STATE** COMMUNITY COLLEGE **World-Class Programs** \$10,000,000 **School of Hospitality** Management & Culinary Arts **Workforce Development** School of Business \$1,000,000 Technologies **Modernizing Learning Environments** \$3,600,000 **Academic Success Center**

#### Implementation Planning

- Develop detailed facilities plan based on cascading effect of new and renovated spaces.
  - Potential impact on WD, Eibling, Delaware, CDC, and other spaces.
  - Engage faculty, staff, and students
- Design and build core elements to support Academic Success, and Business,
   Computer Science, and related programs.
- Determine priorities for next state capital request.
- Leverage School of Hospitality Management and Culinary Arts for maximum impact.
  - Private Investment
  - Creative Campus Partners

# School of Hospitality Management and Culinary Arts











#### DRIVING DOWN THE COST OF A COLLEGE DEGREE

- Strengthening Pathways to a Low-Cost Degree:
  - Ensuring More High School Students Are College Ready
  - Encouraging More Students to Study to Pursue 3+1 Pathways
  - Awarding Degrees and Certificates Based on Competency
  - Allowing Community Colleges to Offer Bachelor's Degrees

#### COLUMBUS STATE

PREFERRED PATHWAY



# CollegeCredit



#DebtFree Degree

#### **Revisiting the Options**

Primary Operating Revenue Streams - FY13								
Institution		Tuition	Subsidy		Levy		Total	
Tri-C	\$	64,733,027	\$	57,514,575	\$	84,017,000	\$ 206,264,602	
% of total		31.4%		27.9%		40.7%		
Sinclair	\$	50,285,525	\$	42,588,139	\$	28,600,000	\$ 121,473,664	
% of total		41.4%		35.1%		23.5%		
Columbus State	\$	82,563,085	\$	60,882,213	\$	-	\$ 143,445,298	
% of total		57.6%		42.4%		0%		





#### **Institutional Analysis of FY 2016 Funding Distribution**

**COURSE SUCCESS** 

ACADEMIC PROGRESS

**COMPLETION** 

SSI calculated based only on eligible FT	E only	Eligible FTE Share	2
SSI Proxy	14.58%	Overall FTE	14.86%
		Access FTE:	14.74%
Component	% 9	Share	Analysis
Actual Performance Based SSI FY 2016		14.51%	Below SSI Proxy
. Completed FTE			
All Eligible Course Completions		14.46%	Below SSI Proxy
Access Course Completions		14.87%	Above SSI Proxy
. Success Points (Overall)		14.86%	Above Enrollment Share
Credit Hour Success Points		14.71%	Below Enrollment Share
o 12 Credit Hours		14.93%	<b>Above Enrollment Share</b>
<ul> <li>24 Credit Hours</li> </ul>		14.64%	Below Enrollment Share
o 36 Credit Hours		14.39%	Below Enrollment Share
Developmental Educ. Success Points		15.38%	<b>Above Enrollment Share</b>
<ul> <li>Dev. Ed English Success</li> </ul>		13.88%	Below Enrollment Share
<ul> <li>Dev. Ed Mathematics Success</li> </ul>		16.53%	Above Farellment Share
. Completion Milestones (Overall)		14.17%	Below SSI Proxy
Associate's Degree Completion		12.37%	Below SSI Proxy
Associate's Degree Access		12.46%	-11/1/2/2
Certificates		22.94%	Above SSI Proxy
Certificates Access		24.64%	Above SSI Proxy
Transfers		17.91%	Above SSI Proxy
Transfers Access		20.70%	Above SSI Proxy



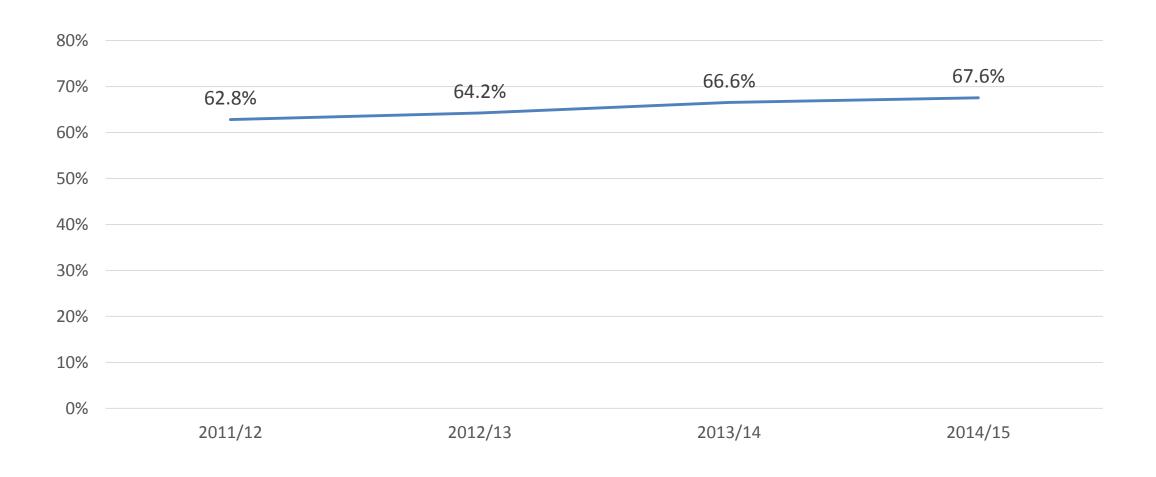
Leading the Way: Achieving the Dream Leader College designation signifies the ongoing fulfillment of our data-driven student success improvements, and our commitment to closing performance gaps.



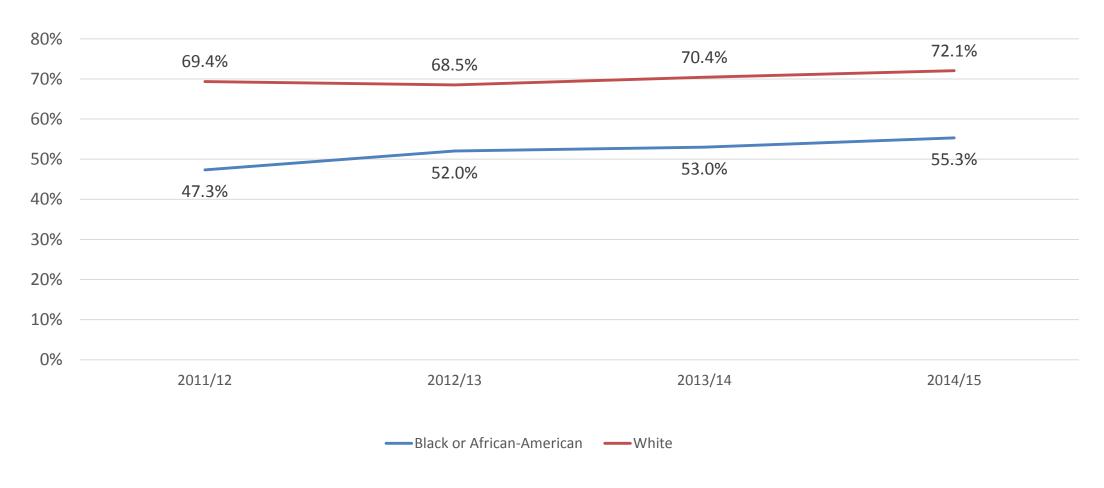
#### **Outcomes & Impact**

Student Success Intervention	Total Student Impact	African-American Males
Early Alert	Success Increased 4.0%	Success Increased 7.6%
Student Success Course (COLS1100)	Success Increased 7.1%	Success Increased 14.1%
Developmental Math Redesign (Math1099)	Success Increased 5.0%	Success Increased 9.4%
Year-to-Year Retention	Improved by 6%	Improved by 9%

#### Course Success for Incoming Students Increasing Each Academic Year

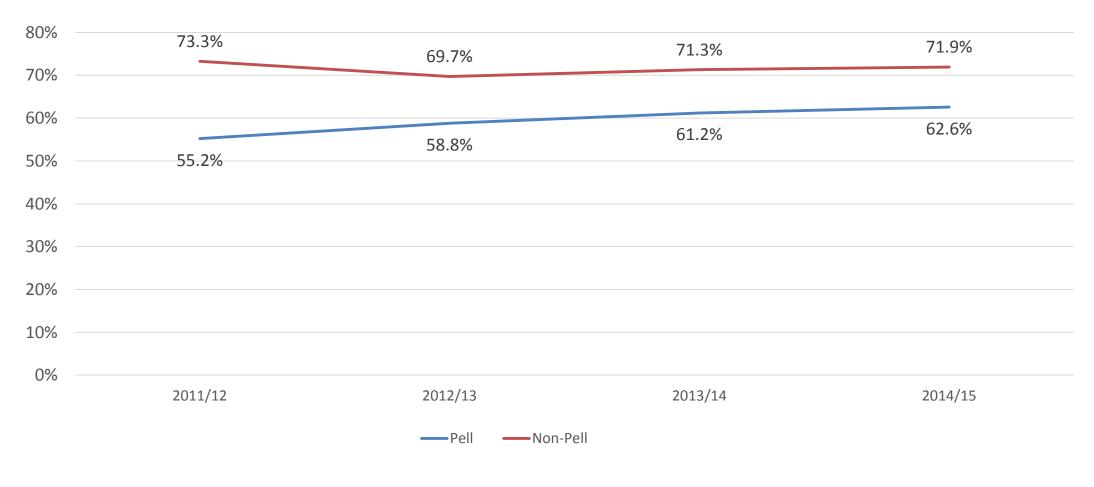


#### Course Success by Race/Ethnicity: Gap Reduced by 24%



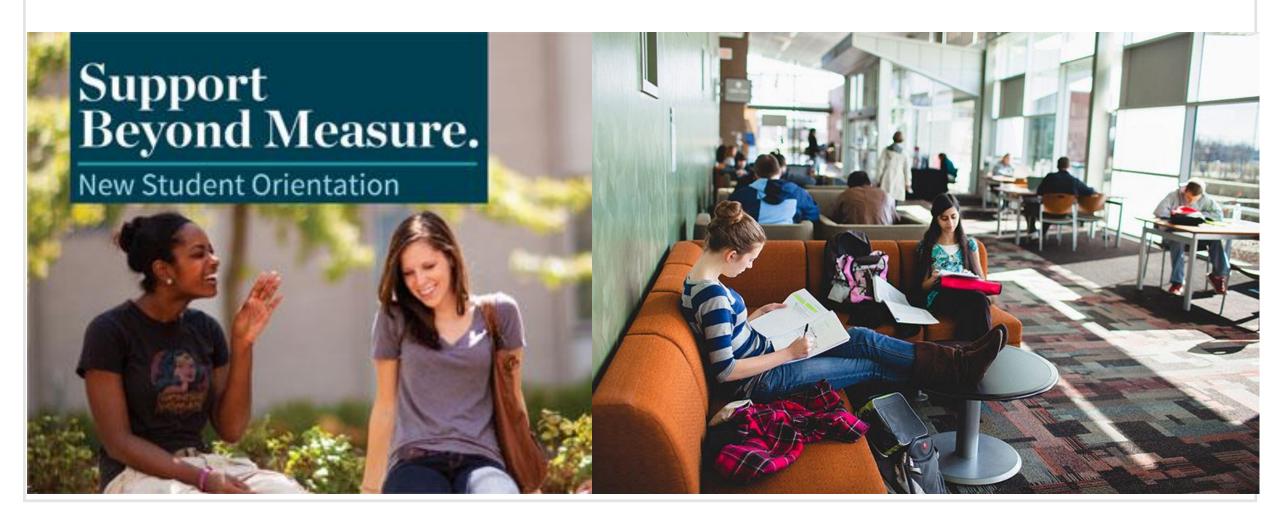
Data Source: ODS Orchestrator Data Store, AtD Data Submissions

#### Course Success by Pell Eligibility: Gap Reduced by 50%



Data Source: ODS Orchestrator Data Store, AtD Data Submissions

# Improvement in context – what's working?



#### Student Success History & Culture

52 current student success interventions

- Focused on:
  - Course success rates
  - Retention
  - Completion (certificates / degrees)

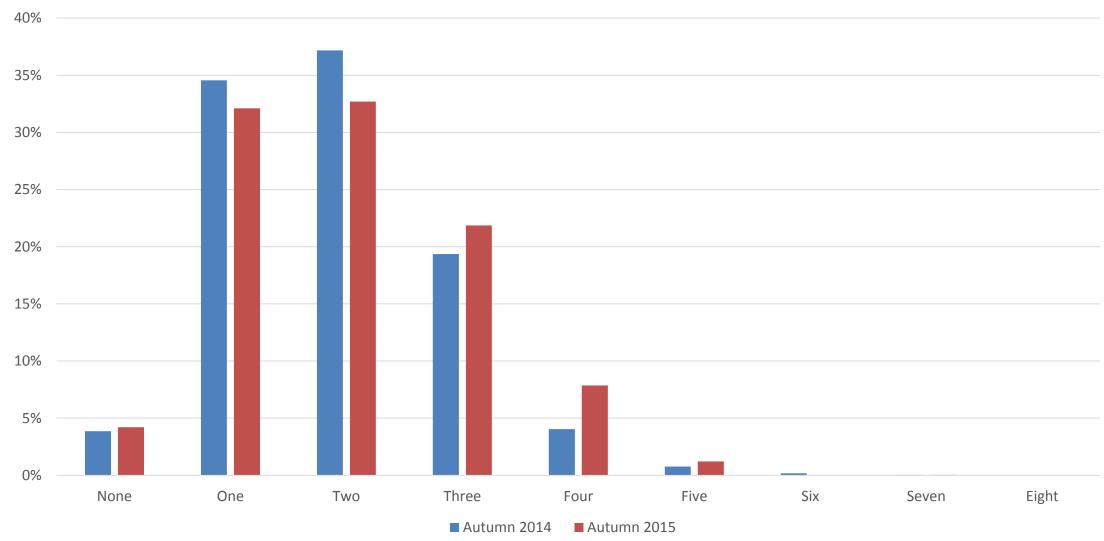
Assessment challenge – what's working?

# **Assumption: Participation in Interventions Contributes to Students' Success**

- Some interventions embedded in class /course design
- Some require self-selection
- Some target specific populations
- "Students don't do optional"



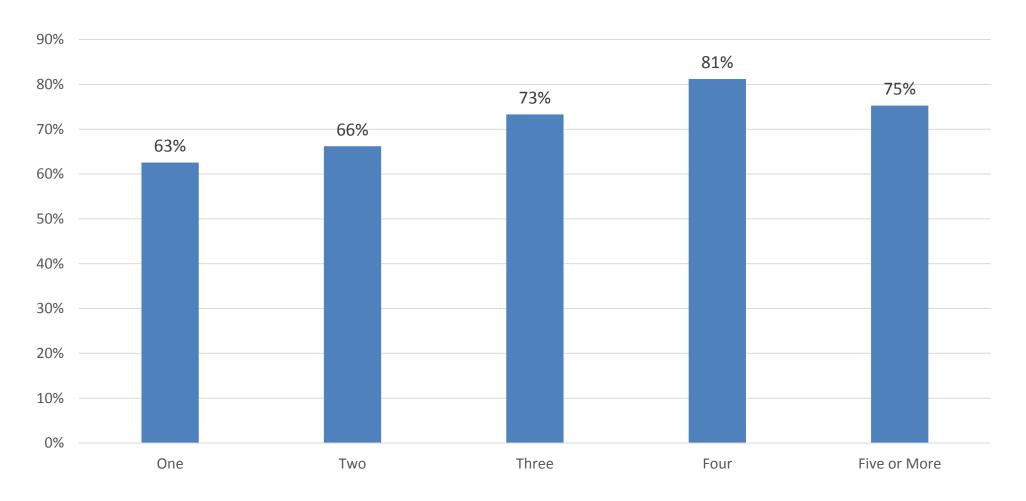
#### 64% of new students now involved in two or more interventions



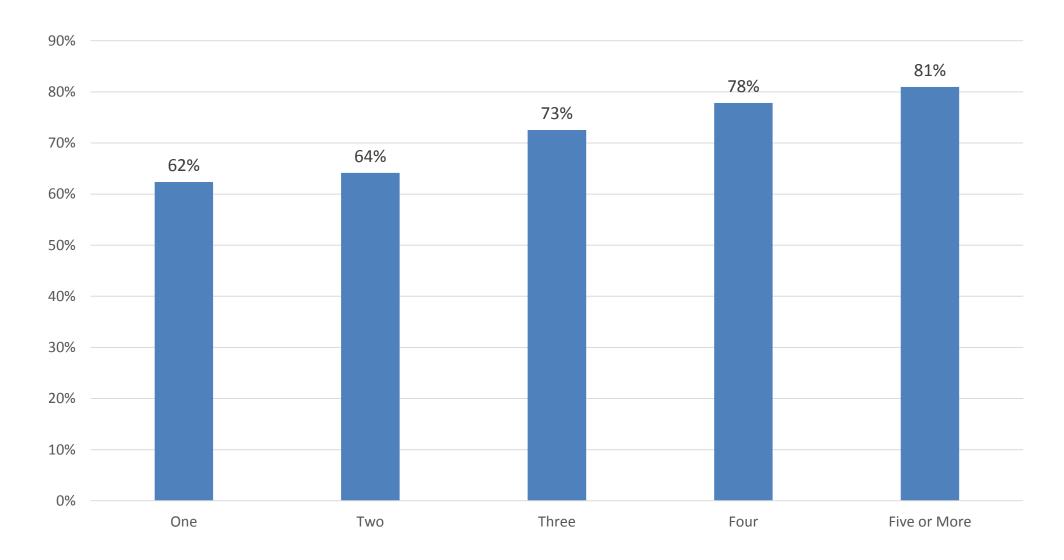
Only 232 students were not involved in any interventions, and many of those were adult students in applied technologies programs.

## The Results

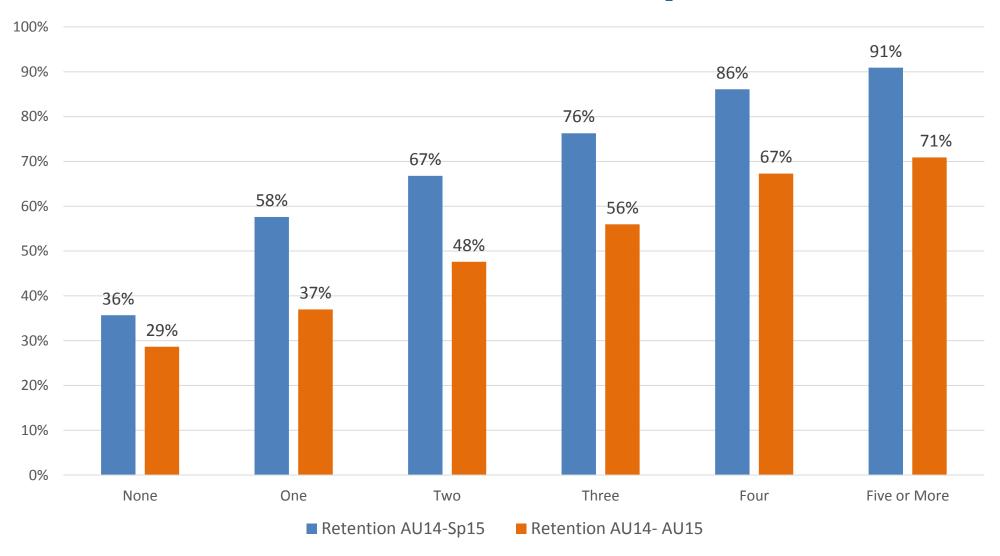
# **More Interventions and Engagement = Higher Course Success Rates (Autumn 2014 cohort)**



#### **Course Success Trend Continues for Autumn 2015**

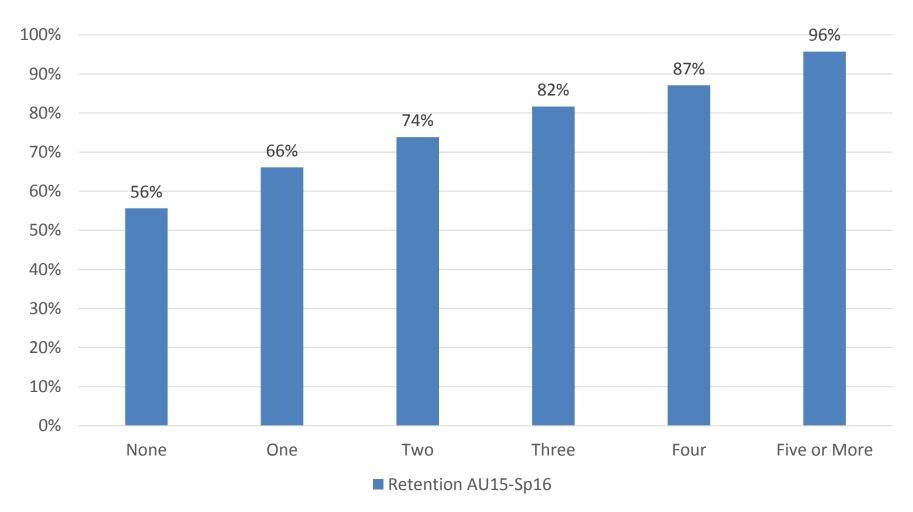


## **More Interventions and Engagement = Higher Retention (Autumn 2014 cohort)**



Data Source: ODS Orchestrator Data Store

## The Trend Continues for the Autumn 2015 Cohort (Autumn 2015-Spring 2016 preliminary retention)



Students engaged in multiple high-impact practices experience greater course success and higher rates of persistence



#### **High Impact Practices**

- Give students a strong start (Orientation, Student Success Course)
- Integrate support with coursework (Early Alert, Co-requisite remediation, modularized math)
- High expectations, strong support (Early Alert, Co-requisite remediation, modularized math, tutoring, supplemental instruction)
- Encourage learning in context (Contextualized math and English)
- Accelerate progress (Co-requisite remediation, modularized math)
- Integrate into clear, coherent pathways (Preferred Pathway, Pathways to Prosperity)

#### **High Impact Practices 2.0**

- Give students a strong start (Student Central)
- Integrate support with coursework (Digital Pathways/Apple Partnership)
- High expectations, strong support (Completion Advisors, USDOE Investing in Innovation)
- Encourage learning in context (Contextualized math, Manufacturing Work-Study)
- Accelerate progress (College Credit Plus, <=65 Hour Programs)</li>
- Integrate into clear, coherent pathways (<=65 Hour Programs, 2+2 and 3+1 baccalaureate pathways, USDOE Investing in Innovation)</li>



#### INVESTING IN INNOVATION FUND (i3)

Partners: Columbus State Community College (lead, fiscal agent), Columbus City School District, Groveport Madison School District, Hamilton Local School District, Licking Heights Local School District, Reynoldsburg City School District, South-Western City School District, Whitehall City School District, Jobs for the Future (JFF), Educational Service Center of Central Ohio, Metro Early College High School (collaborator), and the Central Ohio Compact (collaborator)

#### Key Outcomes:

- At least 10,000 students served by schools adopting the Early College High School;
- At least a 5% increase in students will take and satisfactorily pass college preparatory courses;
- At least a 5% reduction in dropout rates as an indicator of higher graduation rates;
- At least 90% of high school students will graduate with some college credit.

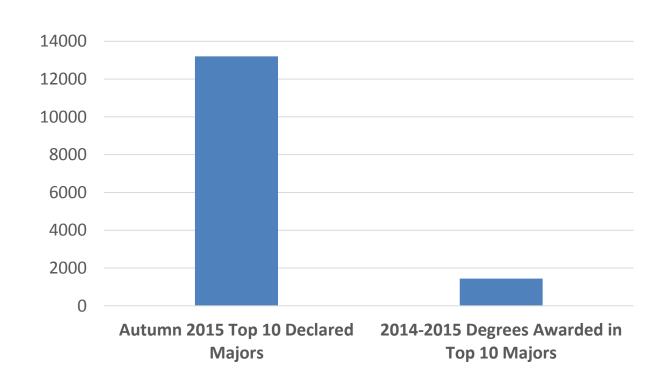
#### \$11.5 million over 5 years



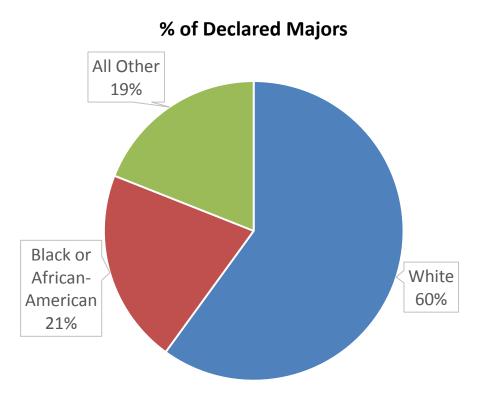


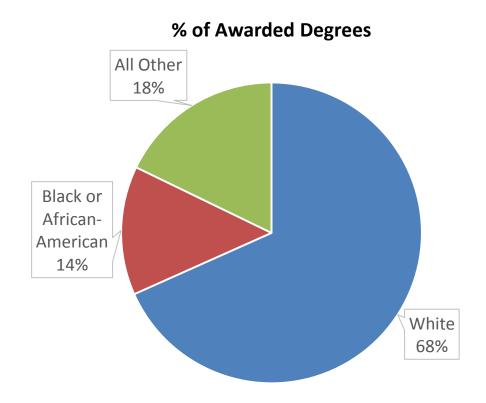
#### Many Students Enroll in Programs but Do Not Complete Degrees

Top 10 Programs	Autumn 2015 Declared Majors
Associate of Arts	4449
Associate of Science	3894
Pre-Nursing	1746
Business Management	1137
Accounting	437
Pre-Dental Hygiene	337
Computer Science – Software Dev	317
Nursing (Associate Degree)	303
Criminal Justice (CRJ Major)	294
Digital Design & Graphics	288



# Success Gaps Exist in Degree Completion in these (and other) Majors





#### Where to go from here?

- Current work improvements in course success and retention
- Now focused on degree and certificate attainment
- Do students progress to attain a credential? What are their issues and challenges?







#### Otterbein University and Columbus State Community College AA Degree in Journalism and Public Relations Pre-Major to BA in Journalism and Media



#### Freshman Year - CSCC

Autumn		Spring		
ENGL 1100 Composition 1	3	Natural Science (lab)	4/5	
MATH 1116, 1130, or 1148	3/5/4	Historical Study	3	
ECON 2200 Microeconomics	3	COMM 2201 Intro to Comm Theory	3	
Culture / Arts	3	Foreign Language 1101	3	
COLS 1100 First Year Experience	1	ASC 1190 Critical Thinking	1	
		COMM 1105 Speech	3	
	13-15		17-18	

#### Sophomore Year - CSCC

Autumn		Spring		
ENGL Composition II	3	Lit / Culture / Arts	3	
Natural Science (with lab or not)	3/4	Social / Behavioral Science	3	
Social / Behavioral Science	3	Historical Study	3	
Foreign Language 1102	3	COMM 1150 Video Art Prod.	3	
COMM 2208 Comm for Mass Media	3	COMM 2220 Intro Mass Comm	3	
		COMM 2241 News Writing/Editing	3	
	15-16		18	

#### Junior Year - Otterbein

Autumn		Spring		
TYS Transfer Year Seminar	4	JAMC 2200 Intermediate Video	4	
JAMC 1401 – WOBN	1	JAMC 1400 Web Production	4	
JAMC 1200 Video Production	4	JAMC 1402 WOCC	1	
JAMC 1300 Print Production	4	JAMC 3500 Race, Gender	4	
Elective	4	OR JAMC 3700 Mgmt		

#### Pathways Team (so far)

- Jennifer Anderson
- Judy Anderson
- Jeff Bates
- Anessa Becton-Howard
- Crystal Clark
- Jack Cooley
- Dianne Fidelibus
- Angelo Frole
- Tom Habegger

- Renee Hill
- Lauren Jones
- Teddi Lewis-Hotopp
- Julio Moreno
- Desiree Polk-Bland
- Dianne Radigan
- Paul Rusinko
- Allysen Todd
- David Harrison

# Student Success Next Steps Areas of Emphasis

- Curriculum and Academic Pathways
- Student Advising and Communication
- Supporting Systems

#### Student Success Next Steps

- Discuss how Pathways can help us and our students.
- Share Pathways data.
- Determine initial student-entry framework (meta-majors, schools, centers of excellence, etc.).
- Establish advising plan and approach (connection, entry, progress, completion, career or transfer).
- Align systems and communications planning.





## We love it...

# Beyond Measure



# ...but it's exhausting

# Beyond Measure



# GRATITUDE Beyond Measure