Retention, Persistence, and Completion Working Group

Update to the Community

Spring 2018

Team Members

- Todd Bruce (Asst Provost for Institutional Effectiveness & Assessment; teaches First-Year Writing)
- Sherri Crahen (Assoc VP for Student Affairs & Dean of Students)
- Carlo DeMarchi (Asst Dean for Academic Advising, Freshmen & Sophomores)
- Rodney Hessinger (Director, Integrative Core Curriculum; Professor of History)
- Stacey Love (Asst VP Enrollment Outreach & Student Success)
- Amy Wainwright (Outreach & Student Engagement Librarian; teaches in Gender, Sexuality and Women's Studies)
- Claudia Wenzel (Asst VP Student Enrollment & Financial Services)

Data Integrity and Understanding

- Census Date Freeze File
- First-Year and Transfer Cohorts
- Retention Definitions
- Graduation Rate Definitions

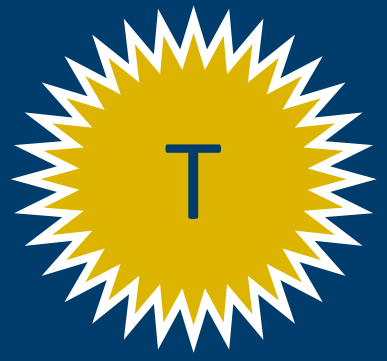
- Why do we care?

sites.jcu.edu/committees
UCSLE
Meeting Minutes and Materials

Understanding the Data

- Status Fields
- Outcome
  - Graduated
  - Retained
  - Not Retained

- All first-time first-year students since 2012
  - 6 cohorts
  - 4,498 students



- All new transfer students since spring 2013
  - 10 cohorts
  - 622 students

CONTEXT: Cohort Sizes

Cohort	Size
FR12	681
FR13	792
FR14	798
FR15	759
FR16	715
FR17	753

Cohort	Size
T13S	53
T13F	88
T14S	43
T14F	76
T15S	33
T15F	95
T16S	39
T16F	69
T17S	44
T17F	82

CONTEXT: Average Retention Rates

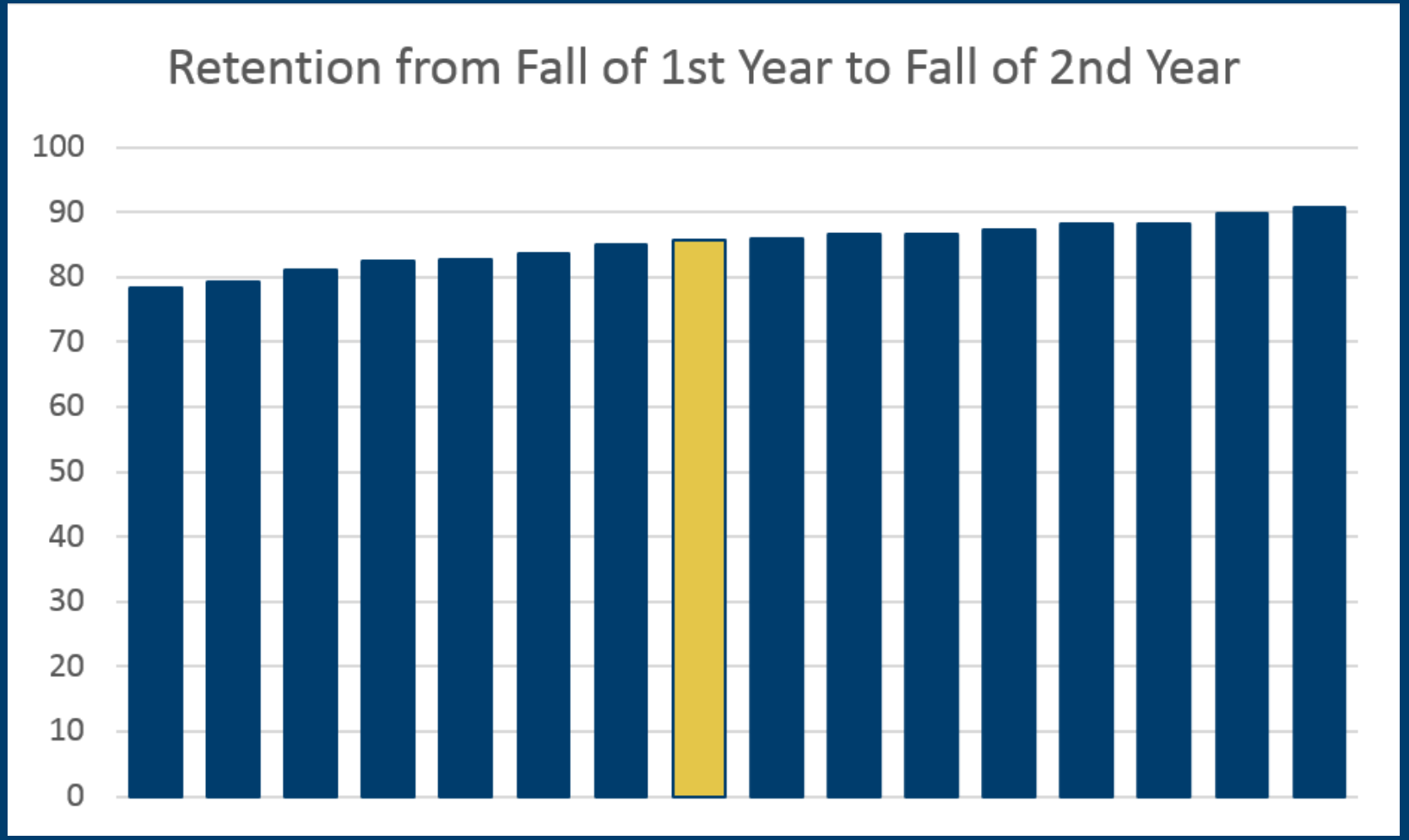
	Retention Rates				Graduation Rates		
	Fall to Spring	1 Year	2 Year	3 Year	4 Year	5 Year	6 Year
FR	94.6%	85.5%	80.1%	78.7%	68.6%	76.6%	

	Retention Rate at Semester #				Graduation Rates
	Two	Three	Five	Seven	
T	85.0%	78.4%	70.9%	68.0%	60.2%

CONTEXT: Comparisons

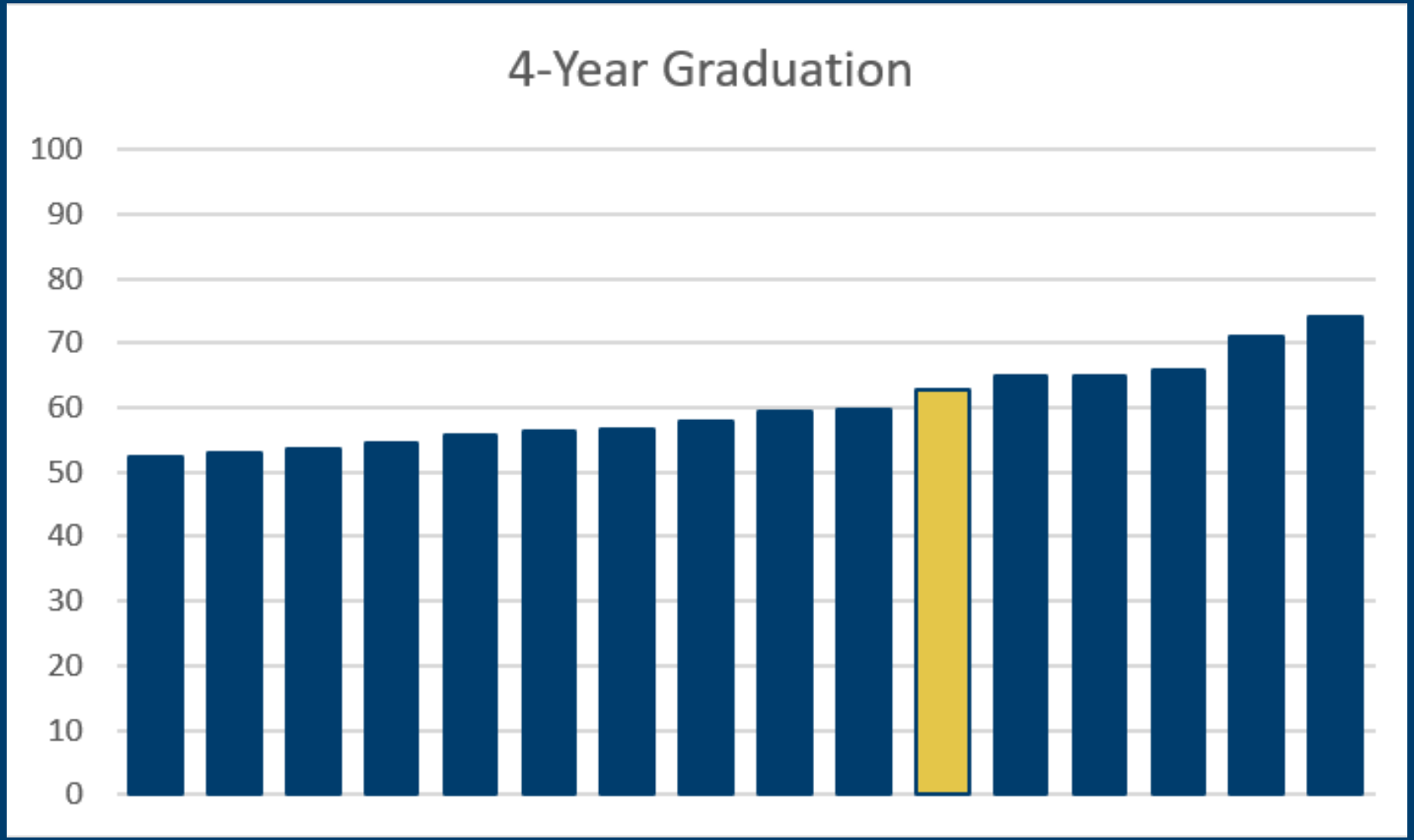
- Baldwin Wallace University
- Belmont University
- Bradley University
- Butler University
- Canisius College
- Drake University
- Duquesne University
- La Salle University
- Le Moyne College
- Ohio Northern University
- Saint Joseph's University
- Stetson University
- University of Scranton
- Valparaiso University
- Xavier University

CONTEXT: Comparisons



Source: Average of last five years of publically available IPEDS data for JCU and comparator group

CONTEXT: Comparisons



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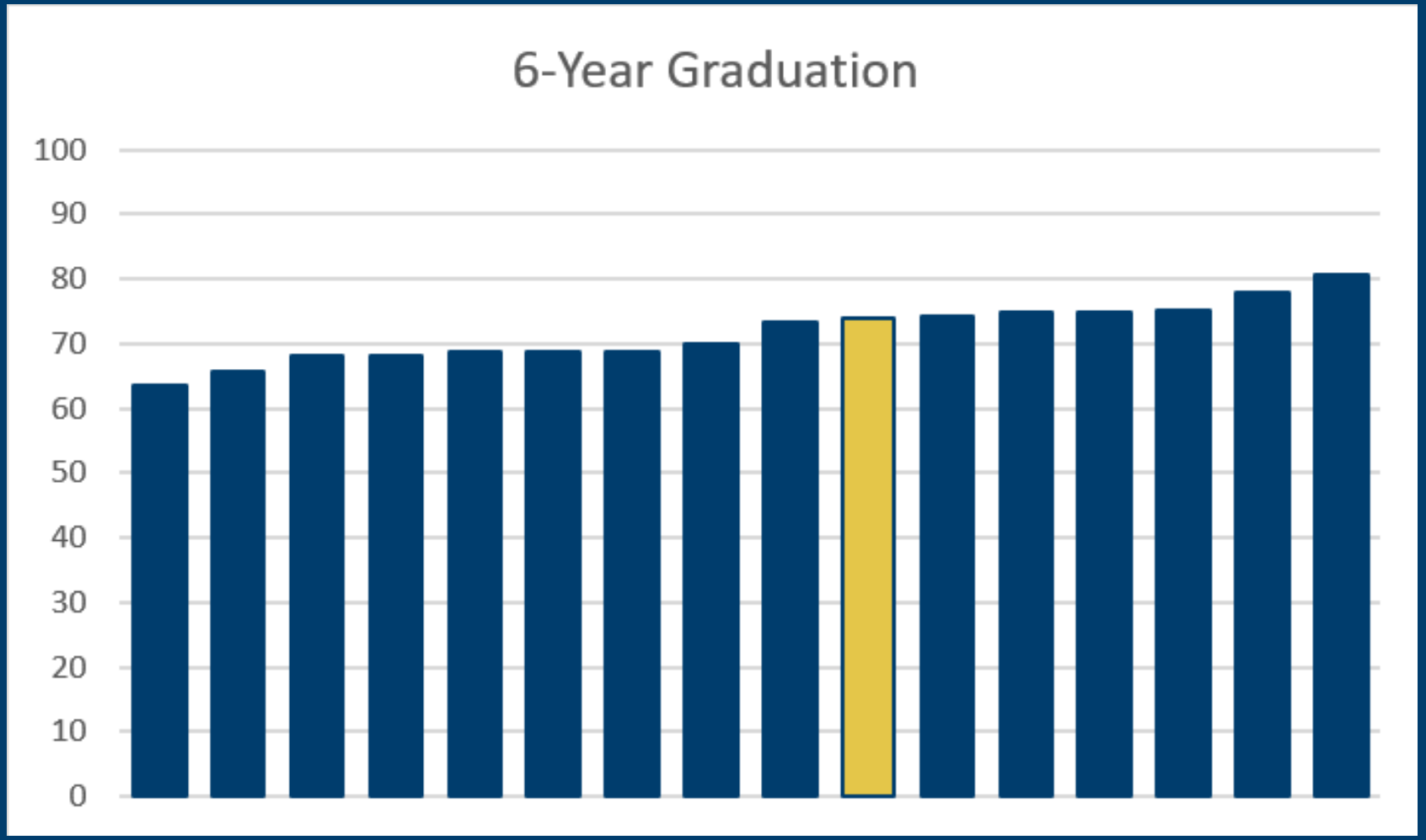

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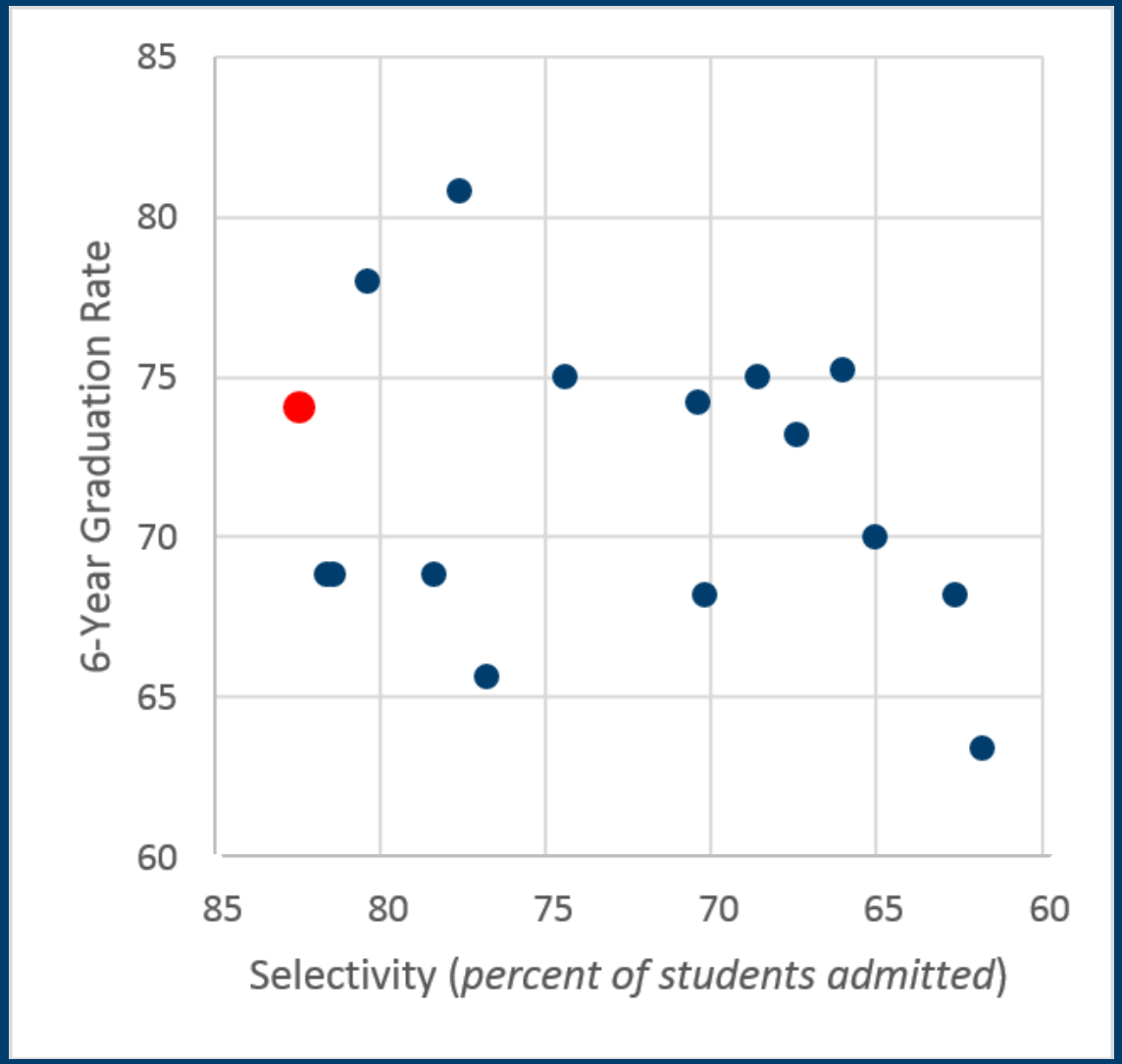

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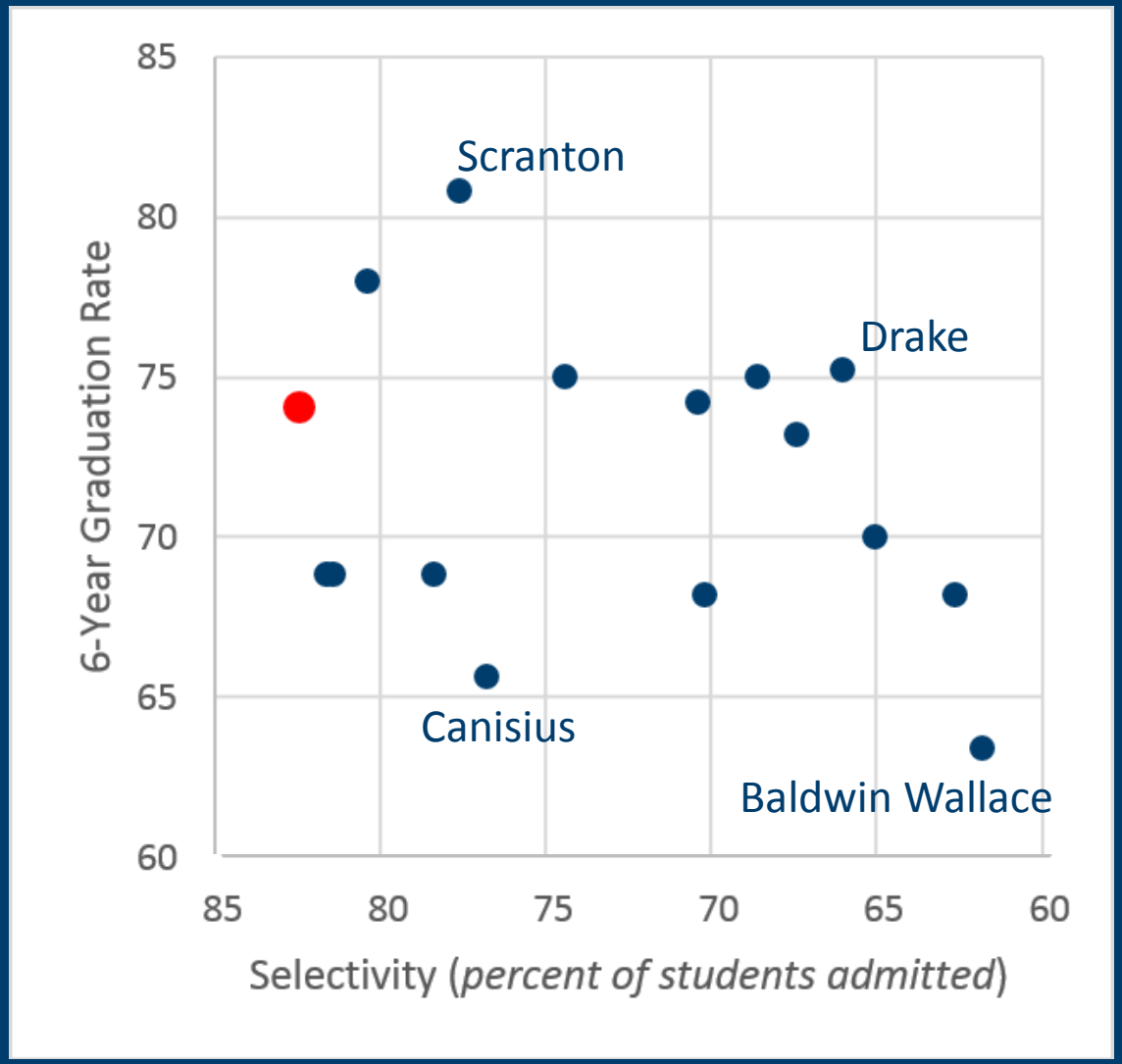


Source: Average of last five years of publically available IPEDS data for JCU and comparator group

Timing of Student Departure

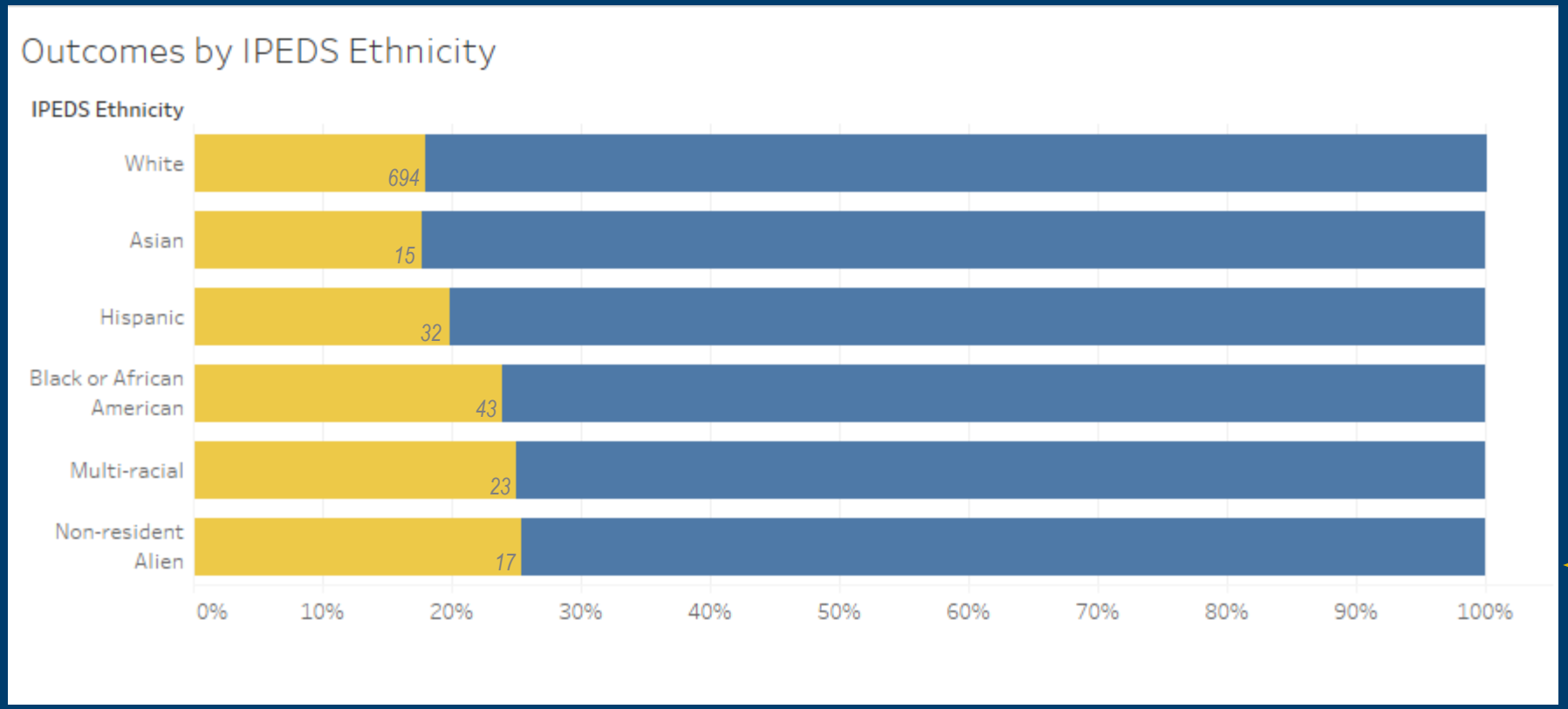
FIRST-YEAR COHORTS

- The largest number of students leave summer before sophomore year.
- Depending on cohort, the next largest number of students leaves after first semester or summer before junior year.
- Beginning to see shift due to intentional policy change.

TRANSFER COHORTS

- For spring transfers, most leave the first or second summer.
- Fall transfers tend to leave after their second semester.

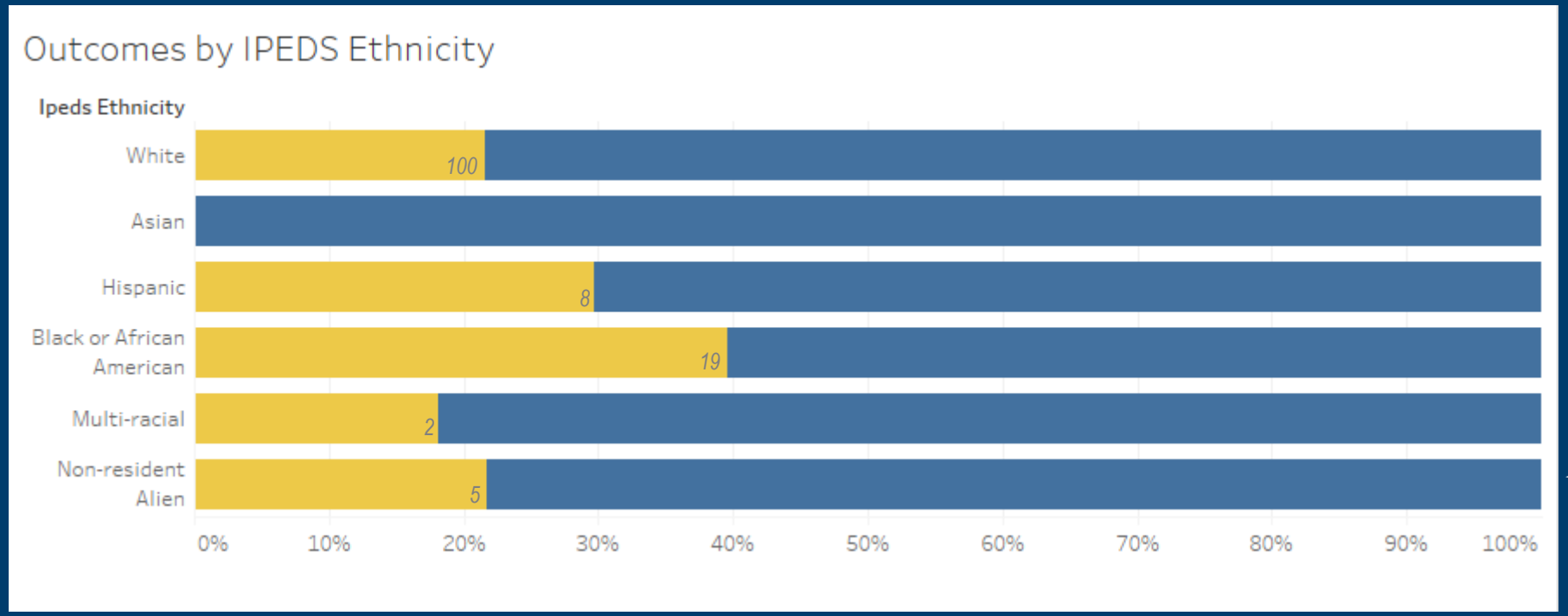
Search for Relevant Characteristics

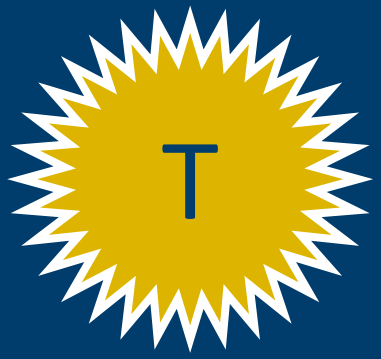


FIRST YEAR

4,498 first-time first-year students, 2012-2018

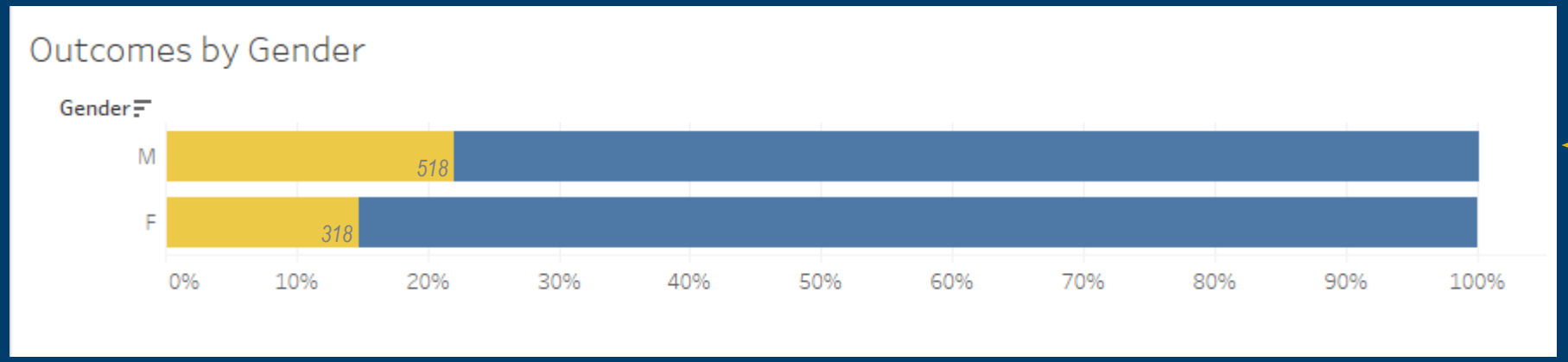
Search for Relevant Characteristics





622 transfer students, spring 2013 to fall 2017

Search for Relevant Characteristics



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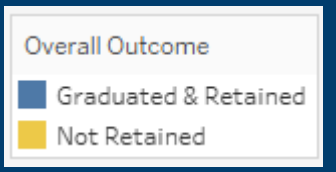

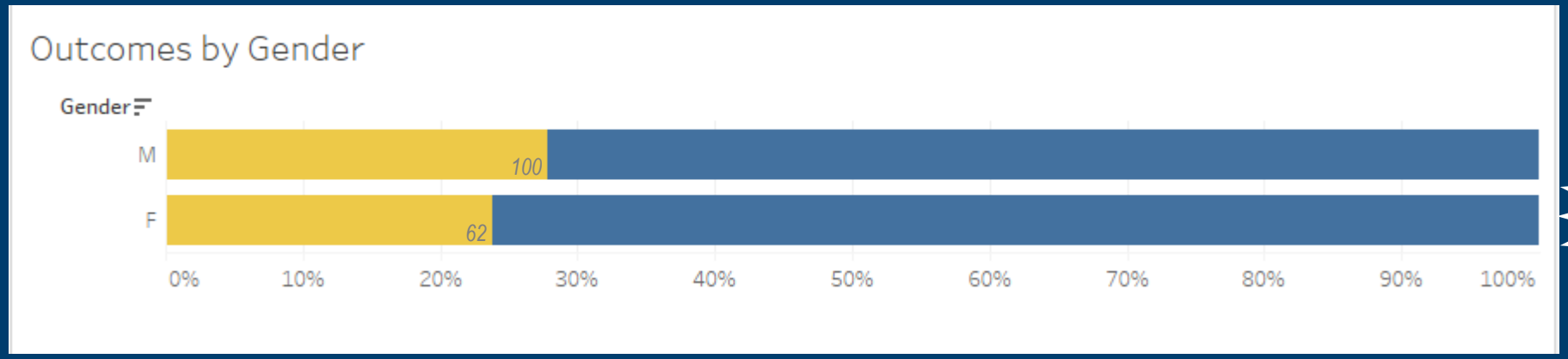

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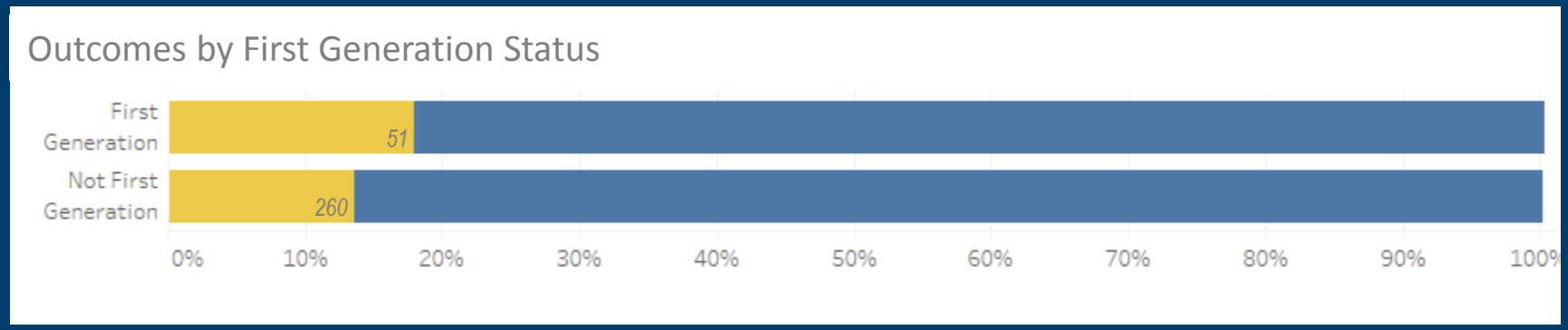

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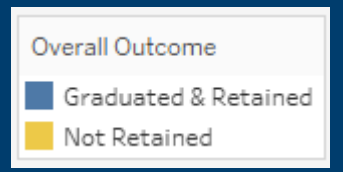

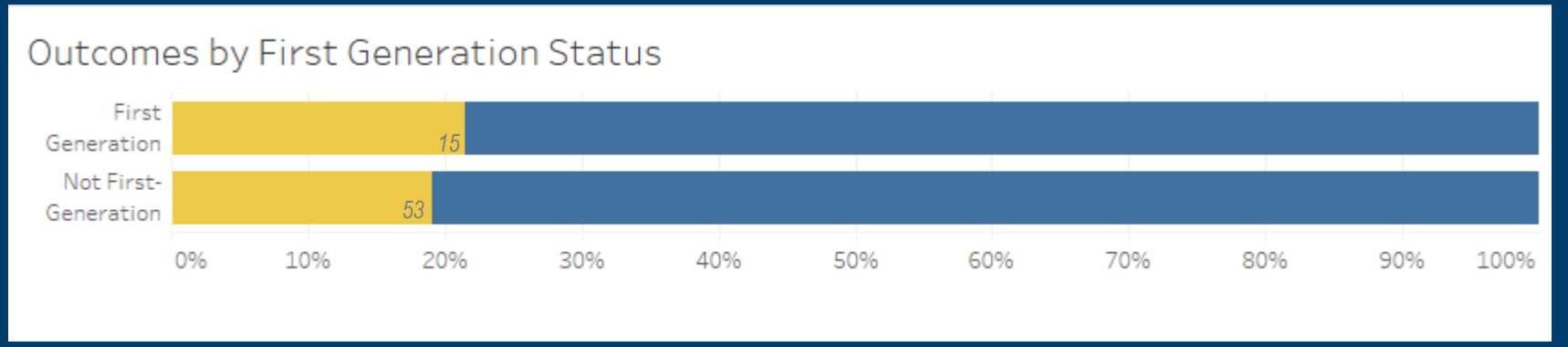

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2,227 first-time first-year students, 2012-2018

620 transfer students, spring 2013 to fall 2017

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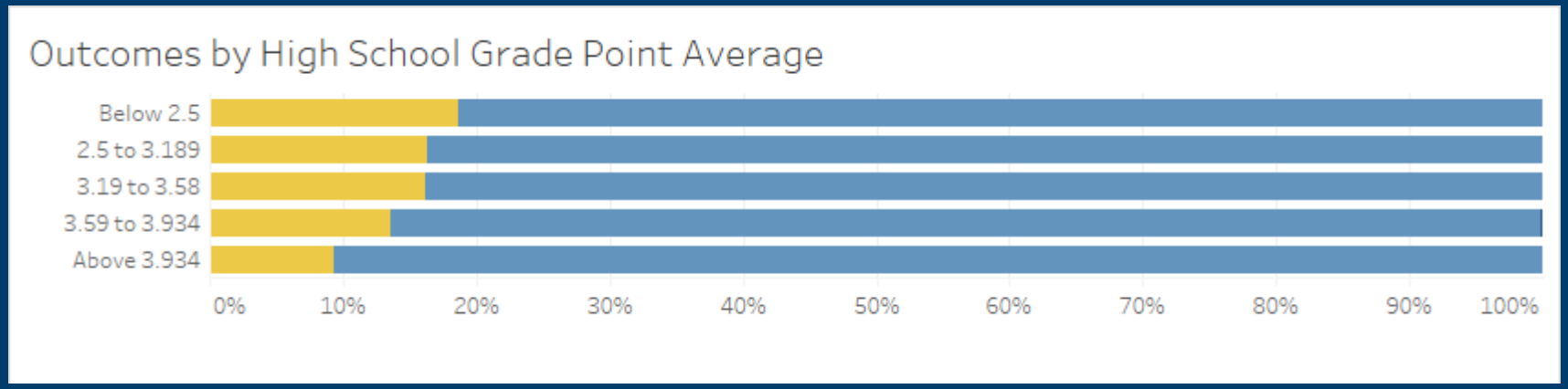
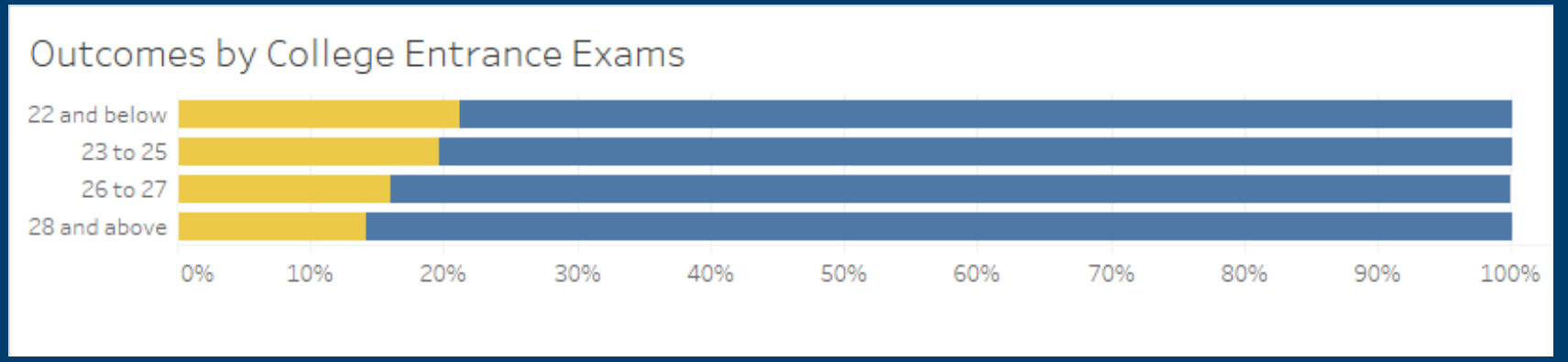


2,211 first-time first-year students, 2012-2018



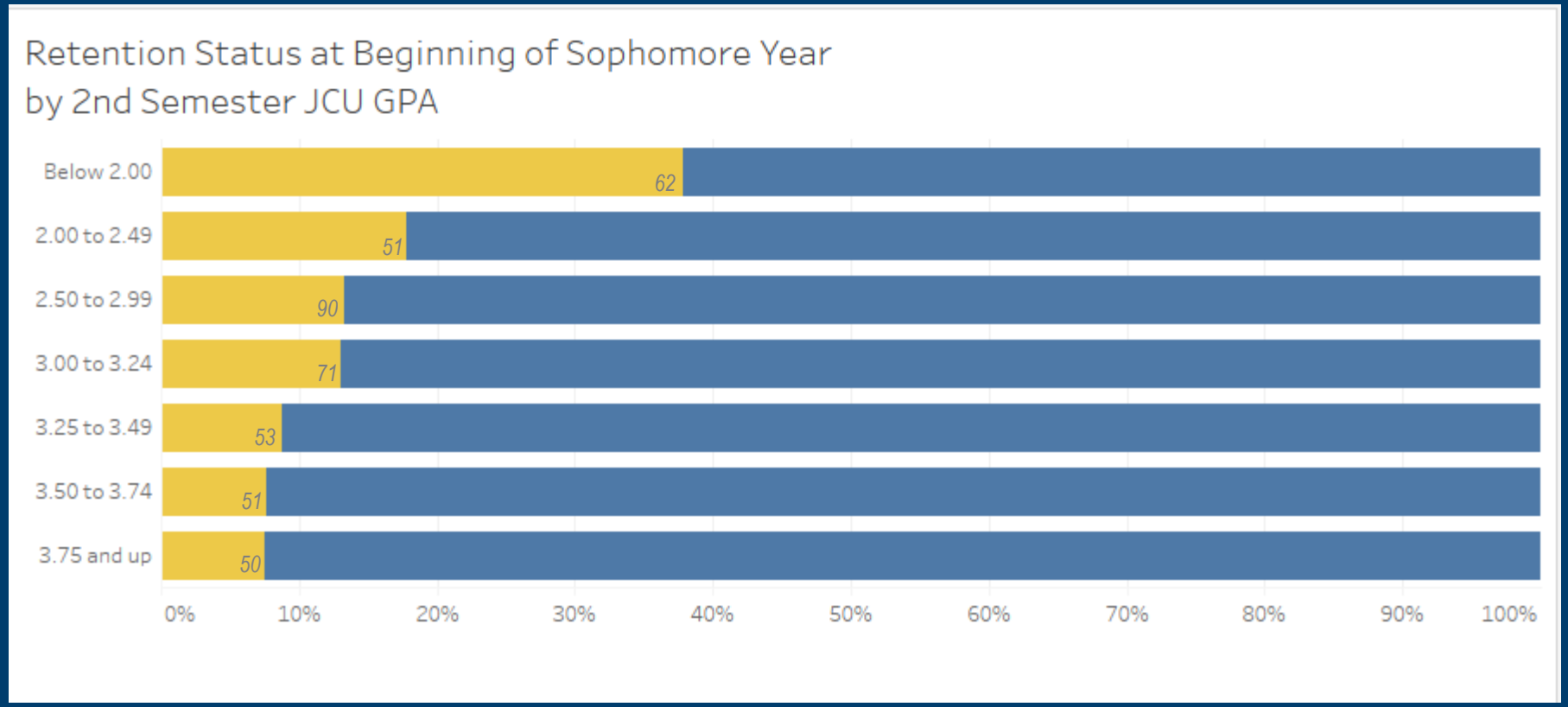
FIRST YEAR

4,483 first-time first-year students, 2012-2018

Search for Relevant Characteristics

FIRST YEAR

Preliminary

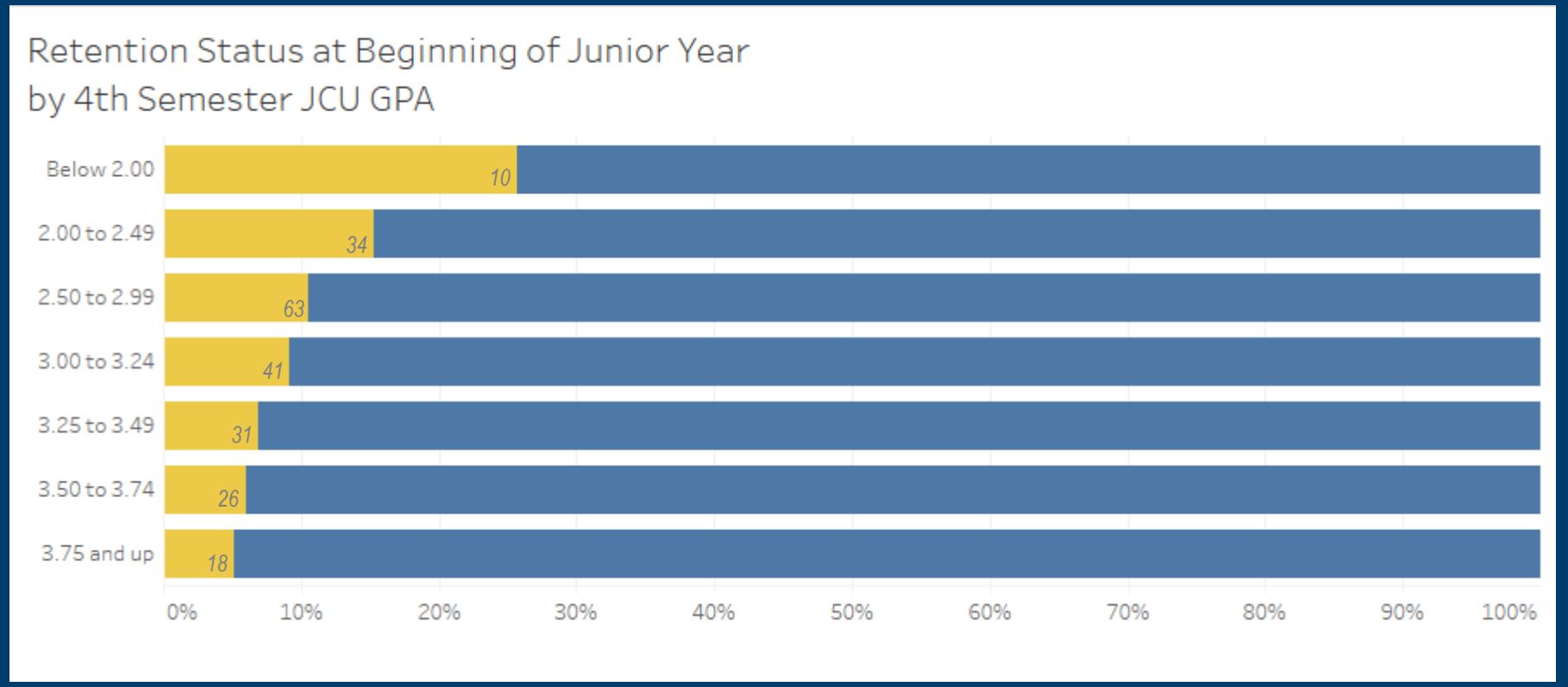


4,498 first-time first-year students, 2012-2018

Search for Relevant Characteristics

FIRST YEAR

Preliminary



4,498 first-time first-year students, 2012-2018

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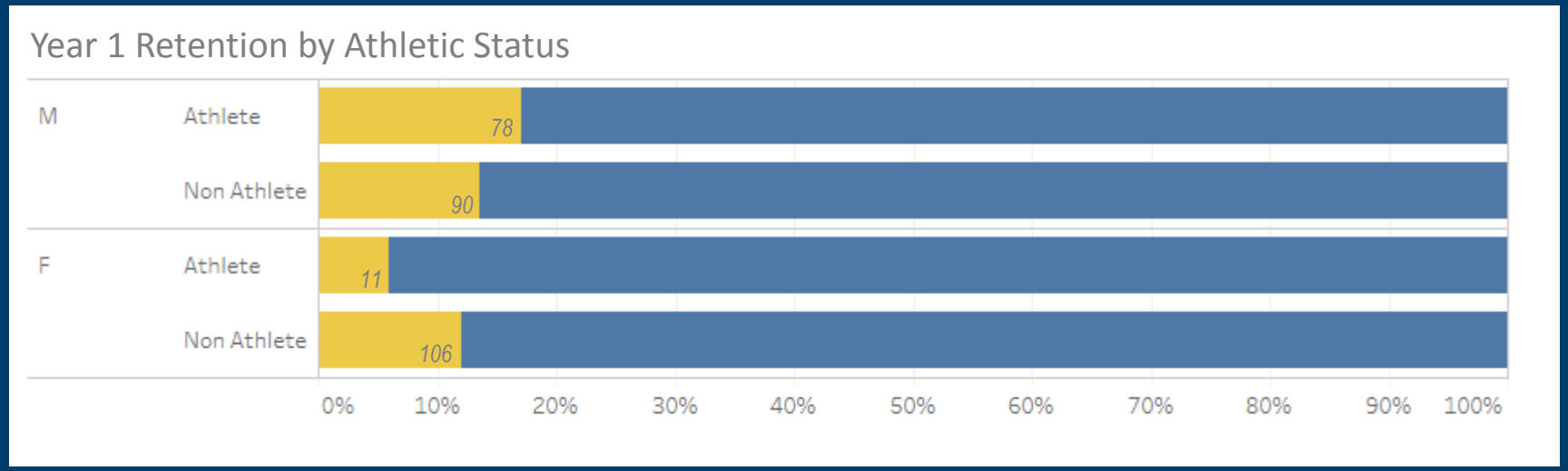

FIRST YEAR

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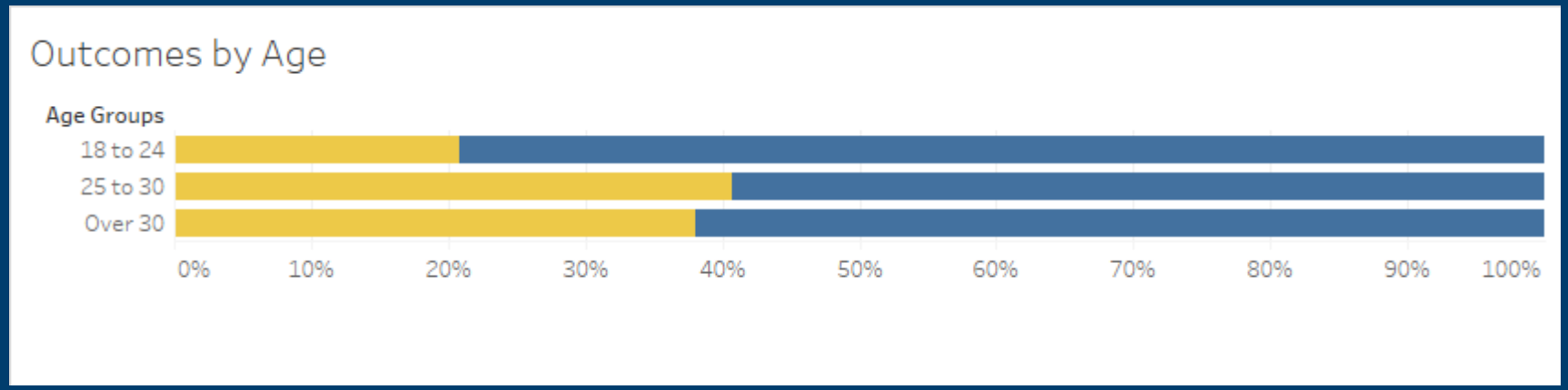
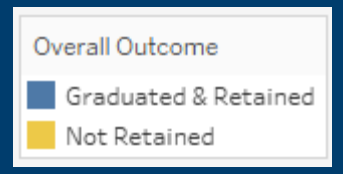
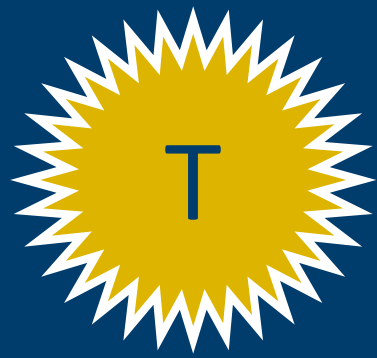






Age Groups	
18 to 24	518
25 to 30	59
Over 30	21

622 transfer students, spring 2013 to fall 2017

Search for Relevant Characteristics

Intended

Major in First Semester		Not Retained
Undecided	1,005	20.40%
Biology	557	17.06%
Accountancy	296	14.19%
Other Specified STEM	285	21.40%
Psychology	265	15.85%
Marketing	243	19.75%
Education	233	15.02%
Finance	214	15.89%
Management	196	31.12%
Other Specified Humanities	183	18.03%
Chemistry	173	18.50%
Communication & Theatre Arts	165	15.76%
Exercise Science & Sports Studies	131	14.50%
Political Science	120	12.50%
Intnat Bus with Lang & Culture	106	24.53%
Sociology & Criminology	86	22.09%
Other Specified Majors	79	18.99%
Other Specified Business	78	15.38%
Computer Science	76	18.42%

4,498 first-time first-year students, 2012-2018

Where do they go?

College Name	
KENT STATE UNIVERSITY	8
CLEVELAND STATE UNIVERSITY	7
SUNY ERIE COMMUNITY COLLEGE	5
THE OHIO STATE UNIVERSITY	5
CUYAHOGA COMMUNITY COLLEGE	3
LAKELAND COMMUNITY COLLEGE	3
YOUNGSTOWN STATE UNIVERSITY	3
MIAMI UNIVERSITY	2
OHIO UNIVERSITY	2
PENNSYLVANIA STATE UNIVERSITY	2
SUNY MONROE COMMUNITY COLLEGE	2
SUNY UNIVERSITY AT BUFFALO	2
UNIVERSITY OF AKRON	2
UNIVERSITY OF PITTSBURGH	2

College Name	
ALVERNIA UNIVERSITY	1
CANISIUS COLLEGE	1
CHATHAM UNIVERSITY	1
CLEMSON UNIVERSITY	1
COLUMBUS STATE COMMUNITY COLLEGE	1
COMMUNITY COLLEGE OF ALLEGHENY COUNTY @ MAIN	1
EASTERN MICHIGAN UNIVERSITY	1
GANNON UNIVERSITY	1
GROVE CITY COLLEGE	1
HANOVER COLLEGE	1
HILLSBOROUGH COMMUNITY COLLEGE	1
INDIANA UNIVERSITY BLOOMINGTON	1
LA ROCHE COLLEGE	1
LORAIN COUNTY COMMUNITY COLLEGE	1
MICHIGAN STATE UNIVERSITY	1
NORTHERN VIRGINIA COMMUNITY COLLEGE	1
OAKTON COMMUNITY COLLEGE	1
ROBERT MORRIS UNIVERSITY	1
SAINT VINCENT COLLEGE	1
SUNY FINGER LAKES COMMUNITY COLLEGE	1
SUNY JAMESTOWN COMMUNITY COLLEGE	1
TERRA STATE COMMUNITY COLLEGE	1
THE OHIO STATE UNIVERSITY - NEWARK	1
UNIVERSITY OF CINCINNATI	1
UNIVERSITY OF NEW ENGLAND NON-MATRIC	1
UNIVERSITY OF SOUTH FLORIDA	1
UNIVERSITY OF TAMPA	1
WESTMORELAND COUNTY COMMUNITY COLLEGE	1

Source: Data from the National Student Clearinghouse for students in the FR16 cohort marked "Not Retained"

Where do they go?

State

College State	
Grand Total	76
OH	40
PA	13
NY	12
FL	3
IN	2
MI	2
IL	1
ME	1
SC	1
VA	1

Institution Type

Institution Type	
Grand Total	76
Four-Year	53
Two-Year	23

Majors

Majors	
Grand Total	76
General Studies/Undecided	40
Business	12
Biology	6
Education	5
Associate's Degree	4
Sports Studies	3
Accounting	2
Allied Health	2
Psychology	2
Arts & Entertainment Management	1
Communication	1
Consumer and Family Financial Services	1
Exercise Science	1
Finance	1
Fire Academy	1
International Business	1
Nonprofit Administration	1
Occupational Therapy	1
Political Science	1
Pre-Dental Hygiene	1

Governance

Public / Private	
Grand Total	76
Public	65
Private	11

Source: Data from the National Student Clearinghouse for students in the FR16 cohort marked "Not Retained"

Where do they go?

College Sta..	College Name	
OH	KENT STATE UNIVERSITY	8
	CLEVELAND STATE UNIVERSITY	7
	THE OHIO STATE UNIVERSITY	5
	CUYAHOGA COMMUNITY COLLEGE	3
	LAKELAND COMMUNITY COLLEGE	3
	YOUNGSTOWN STATE UNIVERSITY	3
	MIAMI UNIVERSITY	2
	OHIO UNIVERSITY	2
	UNIVERSITY OF AKRON	2
	COLUMBUS STATE COMMUNITY COLLEGE	1
	LORAIN COUNTY COMMUNITY COLLEGE	1
	TERRA STATE COMMUNITY COLLEGE	1
	THE OHIO STATE UNIVERSITY - NEWARK	1
	UNIVERSITY OF CINCINNATI	1

Source: Data from the National Student Clearinghouse for students in the FR16 cohort marked "Not Retained"

Where do they go?

College Name	Enrollment Major 1	
KENT STATE UNIVERSITY	Null	8
CLEVELAND STATE UNIVERSITY	Null	7
THE OHIO STATE UNIVERSITY	BIOLOGY	2
	BS IN BUSINESS ADMINISTRATION	1
	COMMUNICATION	1
	EXPLORATION	1
CUYAHOGA COMMUNITY COLLEGE	BUS MGT INTERNATIONAL BUSINESS	1
	FIRE ACADEMY	1
	PRE DENTAL HYGIENE	1
LAKELAND COMMUNITY COLLEGE	BUSM MARKET MGMT LEADER OPT	1
	GNST ASSOCIATE OF ARTS	2
YOUNGSTOWN STATE UNIVERSITY	MIDDLE CHILD SCIENCE SOC ST TR	1
	PRE BUSINESS FINANCE	1
	PSYCHOLOGY	1
MIAMI UNIVERSITY	BIOLOGY	1
	KINESIOLOGY	1
OHIO UNIVERSITY	Null	2
UNIVERSITY OF AKRON	Null	1
	AYA -INTEGRATED SOCIAL STUDIES	1
COLUMBUS STATE COMMUNITY COLLEGE	SPORT & EXERCISE STUDIES	1
LORAIN COUNTY COMMUNITY COLLEGE	UNIVERSAL SCIENCE	1
TERRA STATE COMMUNITY COLLEGE	UNDECIDED	1
THE OHIO STATE UNIVERSITY - NEWARK	CONSUMER AND FAMILY FINCL SERV	1
UNIVERSITY OF CINCINNATI	EXPLORATORY	1

Source: Data from the National Student Clearinghouse for students in the FR16 cohort marked "Not Retained"

Where do they go?

College Name	Enrollment Major 1	
KENT STATE UNIVERSITY	Null	8
CLEVELAND STATE UNIVERSITY	Null	7
THE OHIO STATE UNIVERSITY	BIOLOGY	2
	BS IN BUSINESS ADMINISTRATION	1
	COMMUNICATION	1
	EXPLORATION	1
CUYAHOGA COMMUNITY COLLEGE	BUS MGT INTERNATIONAL BUSINESS	1
	FIRE ACADEMY	1
	PRE DENTAL HYGIENE	1
LAKELAND COMMUNITY COLLEGE	BUSM MARKET MGMT LEADER OPT	1
	GNST ASSOCIATE OF ARTS	2
YOUNGSTOWN STATE UNIVERSITY	MIDDLE CHILD SCIENCE SOC ST TR	1
	PRE BUSINESS FINANCE	1
	PSYCHOLOGY	1
MIAMI UNIVERSITY	BIOLOGY	1
	KINESIOLOGY	1
OHIO UNIVERSITY	Null	2
UNIVERSITY OF AKRON	Null	1
	AYA -INTEGRATED SOCIAL STUDIES	1
COLUMBUS STATE COMMUNITY COLLEGE	SPORT & EXERCISE STUDIES	1
LORAIN COUNTY COMMUNITY COLLEGE	UNIVERSAL SCIENCE	1
TERRA STATE COMMUNITY COLLEGE	UNDECIDED	1
THE OHIO STATE UNIVERSITY - NEWARK	CONSUMER AND FAMILY FINCL SERV	1
UNIVERSITY OF CINCINNATI	EXPLORATORY	1

Source: Data from the National Student Clearinghouse for students in the FR16 cohort marked "Not Retained"

Where do they go?

2.2643	CLEVELAND STATE UNIVERSITY
2.32	THE OHIO STATE UNIVERSITY
2.48	UNIVERSITY OF AKRON
2.5333	CUYAHOGA COMMUNITY COLLEGE
2.7429	THE OHIO STATE UNIVERSITY - NEWARK
2.75	MIAMI UNIVERSITY
2.8	THE OHIO STATE UNIVERSITY
2.8125	LAKELAND COMMUNITY COLLEGE
2.82	MIAMI UNIVERSITY
2.825	KENT STATE UNIVERSITY
2.9	CUYAHOGA COMMUNITY COLLEGE
3.06	KENT STATE UNIVERSITY
3.0692	KENT STATE UNIVERSITY
3.1273	CLEVELAND STATE UNIVERSITY
3.1875	COLUMBUS STATE COMMUNITY COLLEGE

3.3308	YOUNGSTOWN STATE UNIVERSITY
3.3471	CLEVELAND STATE UNIVERSITY
3.5	CLEVELAND STATE UNIVERSITY
3.6	THE OHIO STATE UNIVERSITY
3.6437	KENT STATE UNIVERSITY
3.6625	THE OHIO STATE UNIVERSITY
3.6938	KENT STATE UNIVERSITY
3.775	KENT STATE UNIVERSITY
3.7846	YOUNGSTOWN STATE UNIVERSITY
3.7938	KENT STATE UNIVERSITY
3.82	THE OHIO STATE UNIVERSITY
3.84	CLEVELAND STATE UNIVERSITY
3.94	LAKELAND COMMUNITY COLLEGE

Source: Data from the National Student Clearinghouse for students in the FR16 cohort marked "Not Retained"

Where do they go?

College Name	Home City	
KENT STATE UNIVERSITY	Canfield	1
	Cuyahoga Falls	1
	Louisville	2
	Marysville	1
	Massillon	1
	North Canton	1
	Rootstown	1
CLEVELAND STATE UNIVERSITY	Avon	1
	Bay Village	1
	Cleveland	2
	Middleburg Hts	1
	North Royalton	1
	Strongsville	1
THE OHIO STATE UNIVERSITY	Grove City	1
	Medina	1
	Strongsville	1
	Sylvania	1
	Willoughby	1
CUYAHOGA COMMUNITY COLLEGE	Cleveland	1
	Northfield	1
	Painesville	1
LAKELAND COMMUNITY COLLEGE	Cleveland	1
	Mentor	1
	Painesville	1
YOUNGSTOWN STATE UNIVERSITY	New Castle	1
	Niles	1
	Youngstown	1
MIAMI UNIVERSITY	Chagrin Falls	1
	Cincinnati	1
OHIO UNIVERSITY	Avon Lake	1
	Mentor	1
UNIVERSITY OF AKRON	Akron	1
	Wooster	1
COLUMBUS STATE COMMUNITY COLLEGE	Columbus	1
LORAIN COUNTY COMMUNITY COLLEGE	Lorain	1
TERRA STATE COMMUNITY COLLEGE	Fremont	1
THE OHIO STATE UNIVERSITY - NEWARK	Avon Lake	1
UNIVERSITY OF CINCINNATI	Mason	1

Source: Data from the National Student Clearinghouse for students in the FR16 cohort marked "Not Retained"

Where do they go?

Only 8 (of 72) students enrolled in a school in a state different from their home address.

Home State	College Sta..	College Name
OH	ME	UNIVERSITY OF NEW ENGLAND NON-MATRIC
	MI	EASTERN MICHIGAN UNIVERSITY
	NY	SUNY JAMESTOWN COMMUNITY COLLEGE
	PA	ALVERNIA UNIVERSITY
PA	FL	UNIVERSITY OF TAMPA
	OH	YOUNGSTOWN STATE UNIVERSITY
	SC	CLEMSON UNIVERSITY
KY	IN	HANOVER COLLEGE

Source: Data from the National Student Clearinghouse for students in the FR16 cohort marked "Not Retained"

T

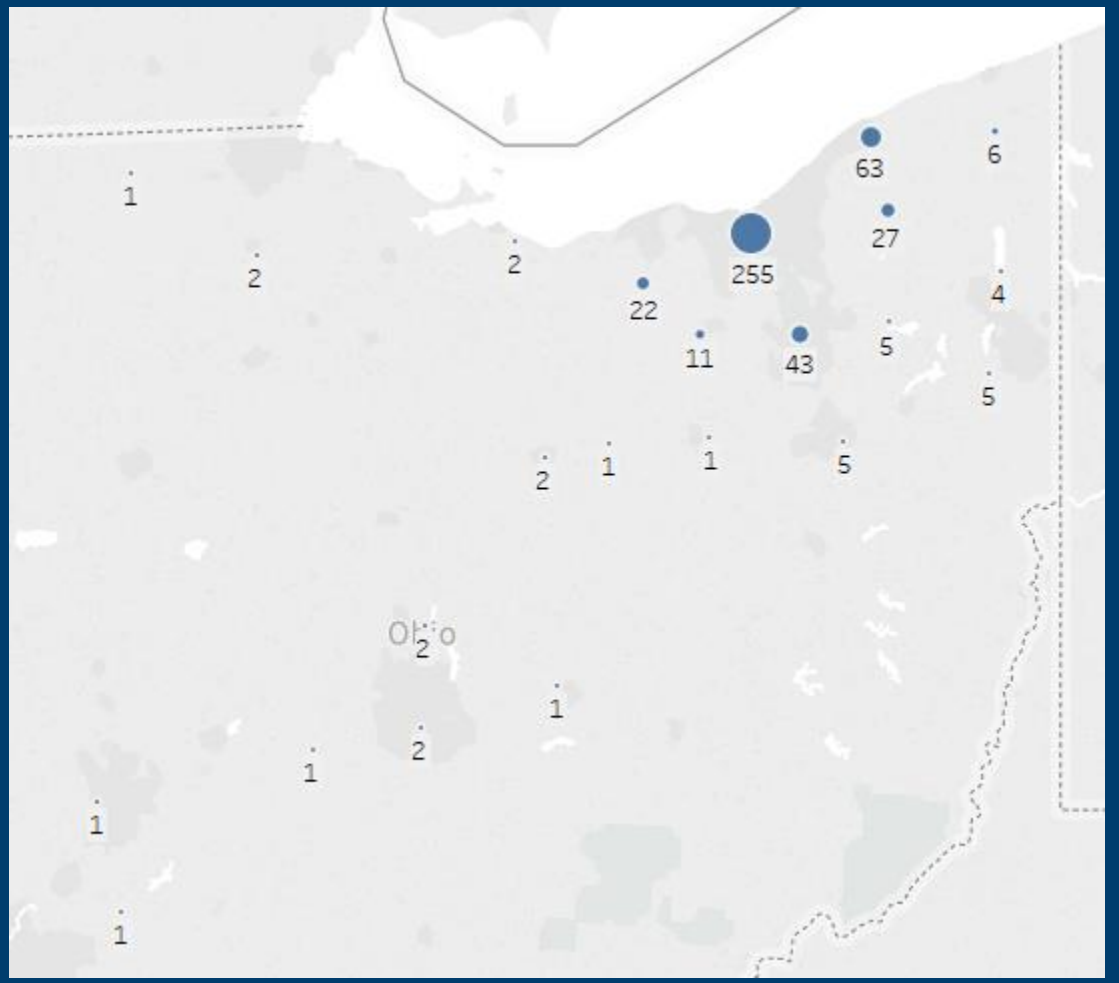
Incoming

What about us?

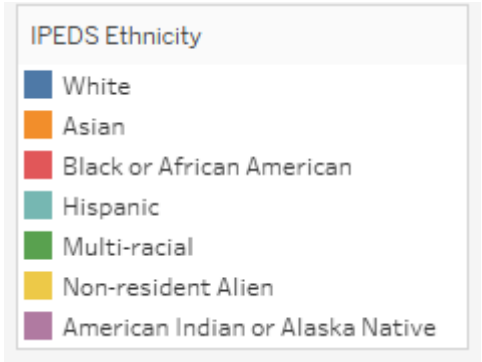
Home State	
OH	509
PA	21
NY	15
IL	11
FL	7
MI	3
TX	3
CA	2
MD	2
VA	2
CO	1
CT	1
ID	1
IN	1
KY	1
ME	1
MN	1
NJ	1
PR	1
SC	1
TN	1
WV	1

What about us?

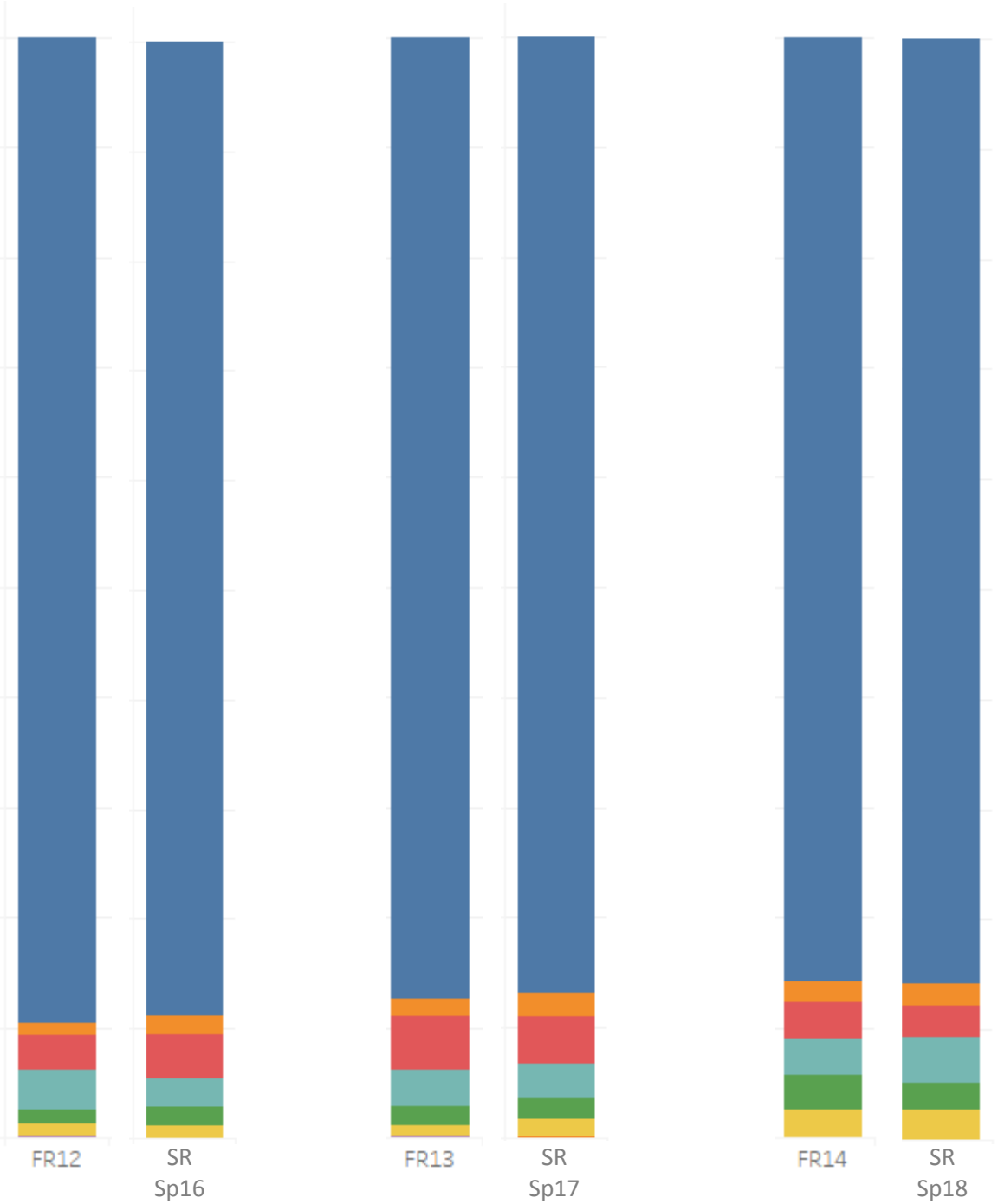
Home State	Home County	
OH	Cuyahoga	255
	Lake	63
	Summit	43
	Geauga	27
	Lorain	22
	Medina	11
	Ashtabula	6
	Mahoning	5
	Portage	5
	Stark	5
	Trumbull	4



Does all of this "swirl" lead to a more homogeneous class?



Preliminary



Data Work Remaining To Be Done

- More Detail on
  - Intended/Attempted Major
  - Distance from Home
  - Academic Performance at JCU
- Specific Institutions (High School, Transfer)
- Financial Considerations
- Engagement at JCU
- Exit Interview Reasons for Leaving

Preliminary Information from Other Efforts

- 716 students completed the *College Student Inventory* [616 retained, 100 not retained]

- 9 variables showed statistically significant differences in scores between the retained and non-retained students

Summary Observations

Dropout Proneness

Predicted Academic Difficulty

Educational Stress

Academic Stress

Receptivity to Institutional Help

Academic Motivation Scales

Study Habits

Attitude toward Educators

Receptivity Scales

Receptivity to Career Counseling

Receptivity to Social Enrichment

Research funded by Department of Education *First in the World* grant

The Next Steps

- Further questions: *where? Why?* and *then what?*
- Summer 2018: Develop specific, aspirational yet achievable retention goals and research retention strategies
- Fall 2018: Campus conversations to flesh out and pilot strategies; UCSLE/SLT approval
- Report to Board and feed work into Strategic Planning and accreditation efforts

NOTE: retention goals and efforts currently exist

Final Thoughts

- Retention and graduation rates are ***strong***, particularly given our selectivity vs. peers
- Groups at risk for not persisting at JCU are ***in line with national trends***; risk factors reinforce one another
- Students who enroll elsewhere are often going ***home***, and our incoming transfers are often coming home.

Questions?

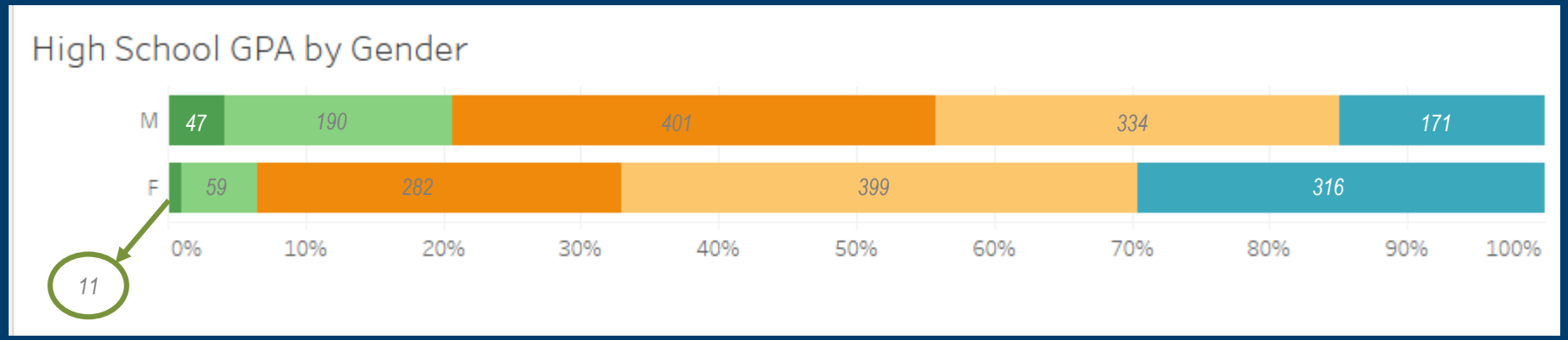
Comparator Data

adopted by the institution in 2016 after faculty research and administrative consultation; 5 are also AJCU institutions, 2 are also located in Ohio, and 7 are also top 10 regionals in the U.S. News and World Reports *college and university rankings.*

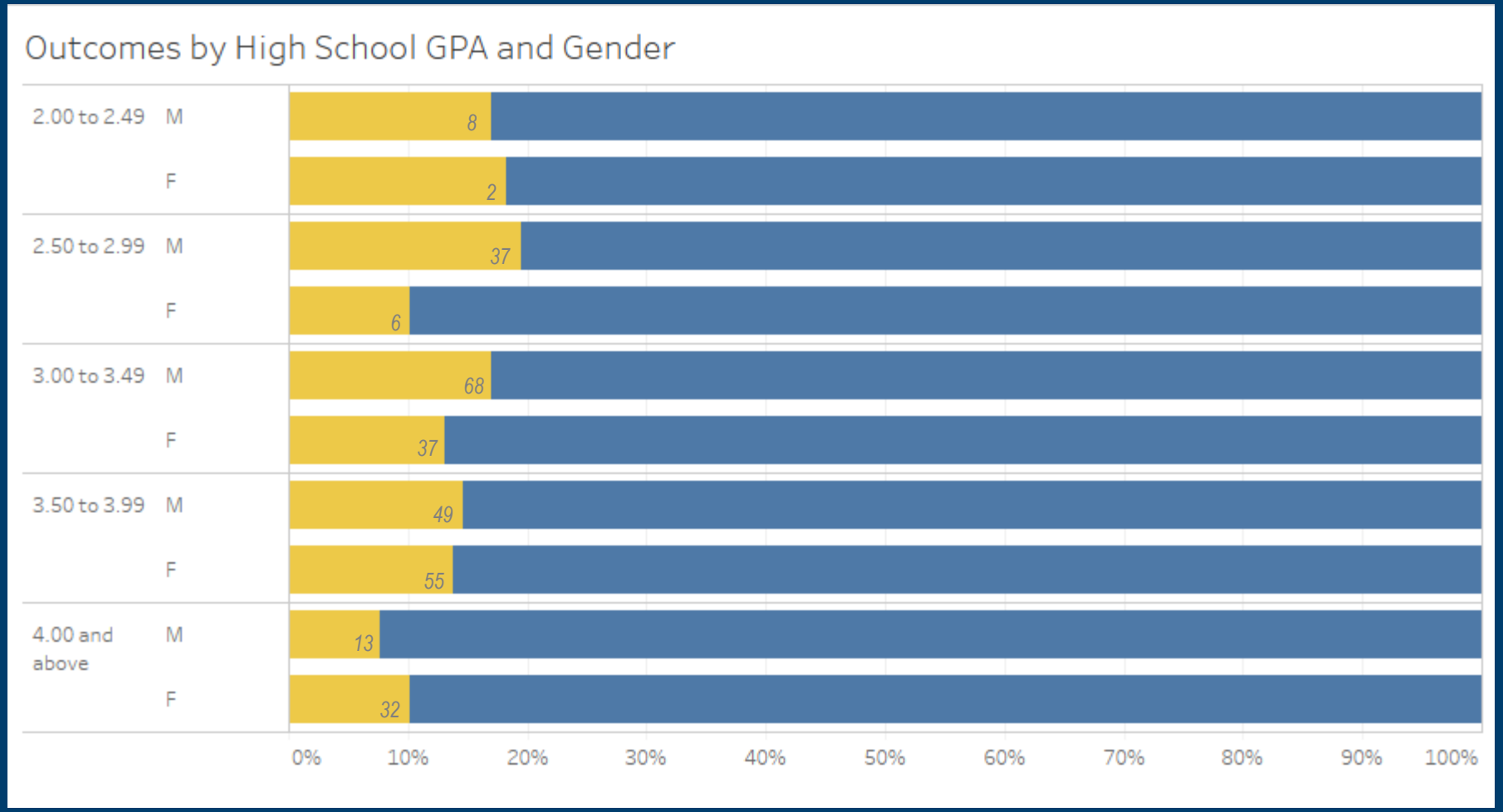
Institution Name	1-Year Retention Rate (%)	4-Year Graduation Rate (%)	6-Year Graduation Rate (%)	Percent of Applicants Admitted
Baldwin Wallace University	81.0	52.2	68.2	62.6
Belmont University	82.6	56.6	68.8	81.6
Bradley University	86.6	53.6	75.2	66.0
Butler University	90.8	54.6	75.0	68.6
Canisius College	82.8	59.4	68.8	78.4
Drake University	88.2	64.8	73.2	67.4
Duquesne University	87.4	65.0	75.0	74.4
John Carroll University	85.8	62.6	74.0	82.4
La Salle University	79.2	55.8	65.6	76.8
Le Moyne College	86.6	59.8	70.0	65.0
Ohio Northern University	86.0	53.0	68.2	70.2
Saint Joseph's University	89.8	71.0	78.0	80.4
Stetson University	78.4	56.2	63.4	61.8
University of Scranton	88.2	74.0	80.8	77.6
Valparaiso University	85.0	57.8	68.8	81.4
Xavier University	83.6	65.8	74.2	70.4

Preliminary

Side Note



Search for Relevant Characteristics



FIRST YEAR

Preliminary