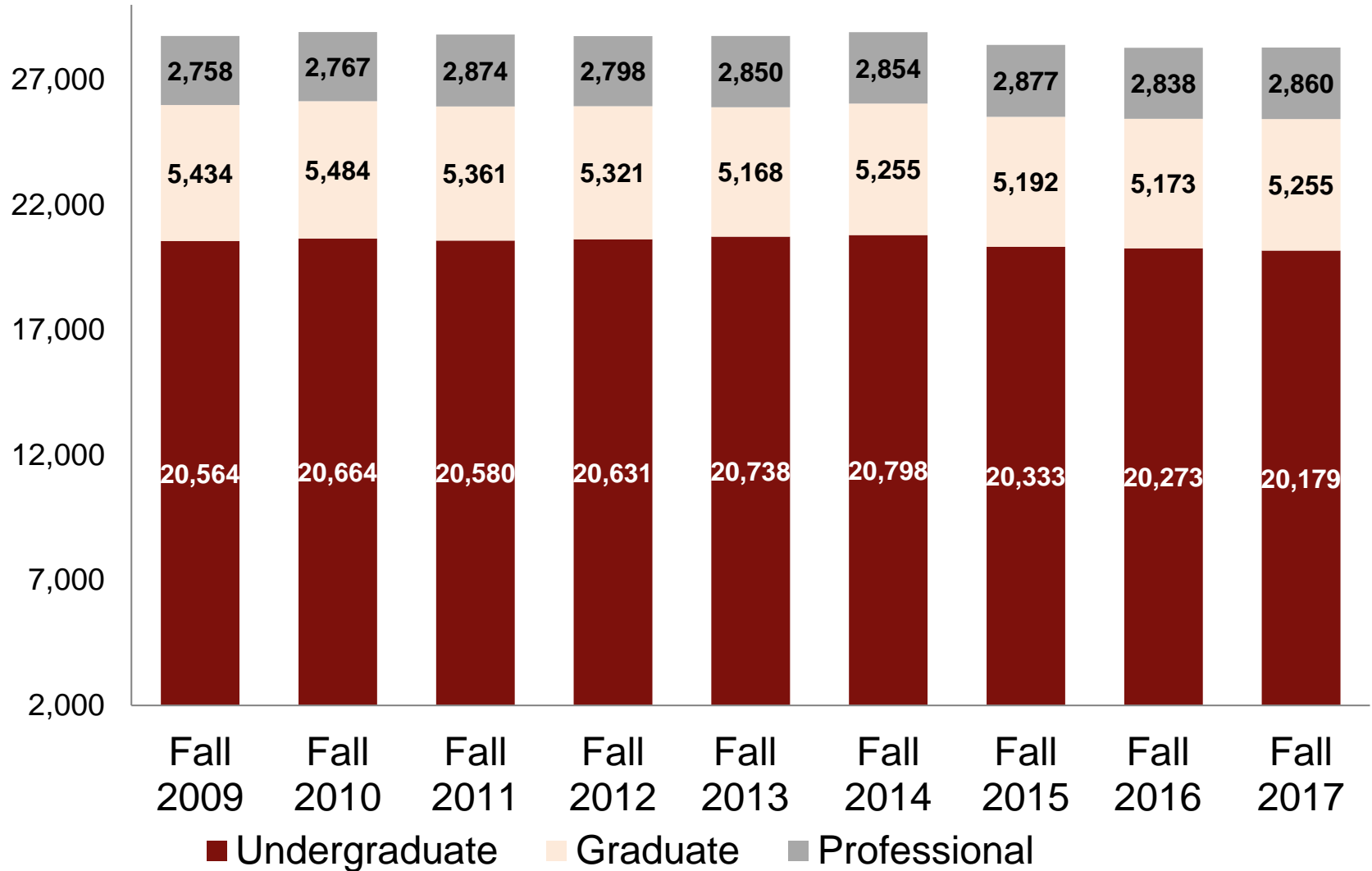Michele J. Hansen, Ph.D., Assistant Vice Chancellor, Institutional Research and Decision Support

Update on IUPUI Students: Retention/Graduation Rates

Student Enrollment

IUPUI Indianapolis Includes Part-Time and Full-Time, 2017 Total = 28,294
Total Enrollment IUPUI IN and CO = 29,791

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Professional	2,758	2,767	2,874	2,798	2,850	2,854	2,877	2,838	2,860
Graduate	5,434	5,484	5,361	5,321	5,168	5,255	5,192	5,173	5,255
Undergraduate	20,564	20,664	20,580	20,631	20,738	20,798	20,333	20,273	20,179

■ Undergraduate ■ Graduate ■ Professional

IUPUI

UNDERGRADUATES 2017

IUPUI - Indianapolis Only

28% Transfer Students

16% Attend classes part-time

29% First Generation Students

93% Indiana Residents

23% Underrepresented Minority*

56% Female

17% 25 years of age or older

4% International Students

*Underrepresented minority includes African American, Native American, Latino/a, Pacific Islander, and Two or More Races.

IUPUI

GRADUATE & PROFESSIONAL 2017

IUPUI - Indianapolis Only

15% First Generation Students

71% Indiana Residents

16% Underrepresented Minority*

55% Female

63% Attend classes full-time

14% International Students

*Underrepresented minority includes African American, Native American, Latino/a, Pacific Islander, and Two or More Races.

New Beginners and External Transfers

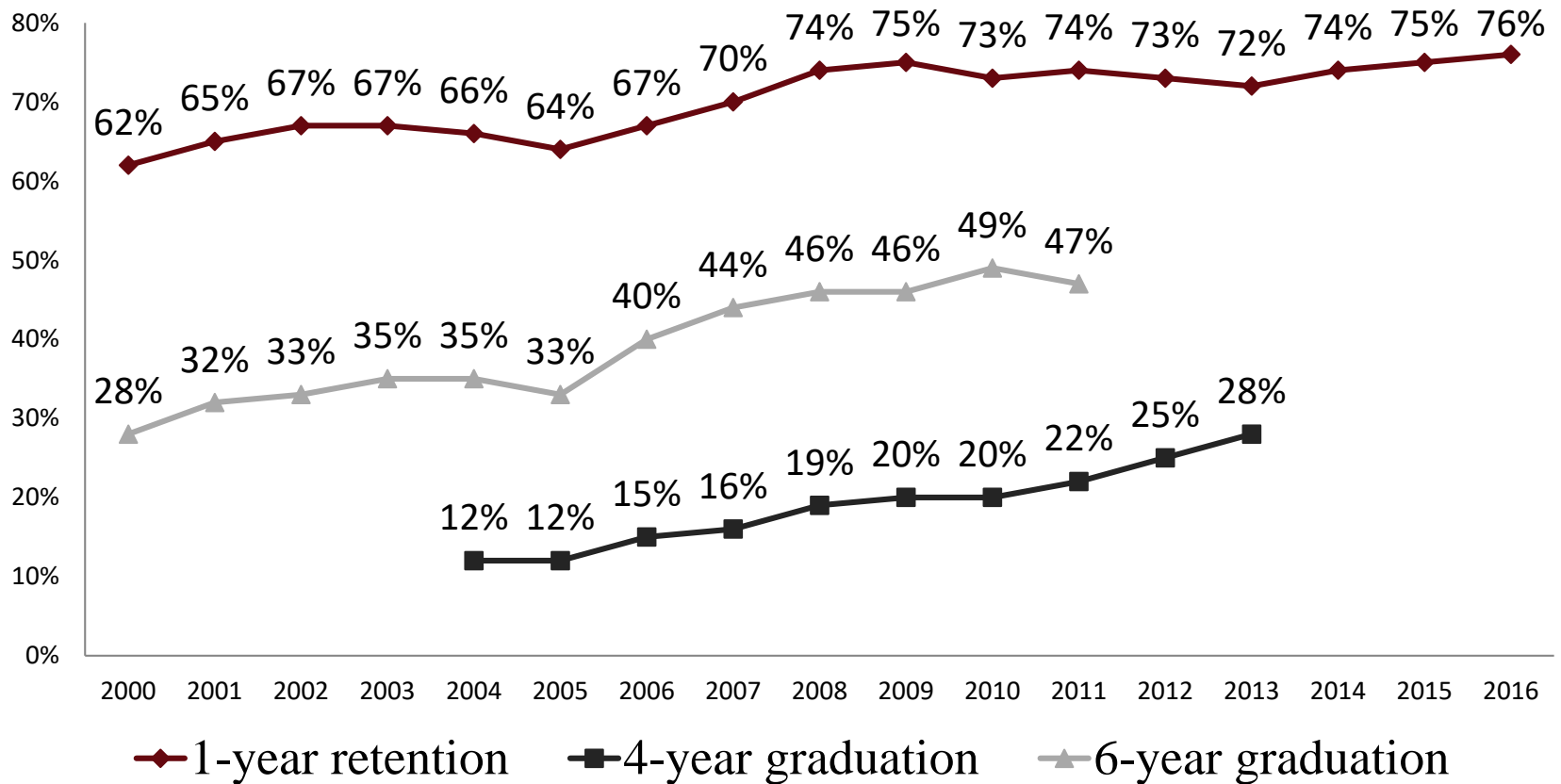## IUPUI Indianapolis Includes Part-Time and Full-Time
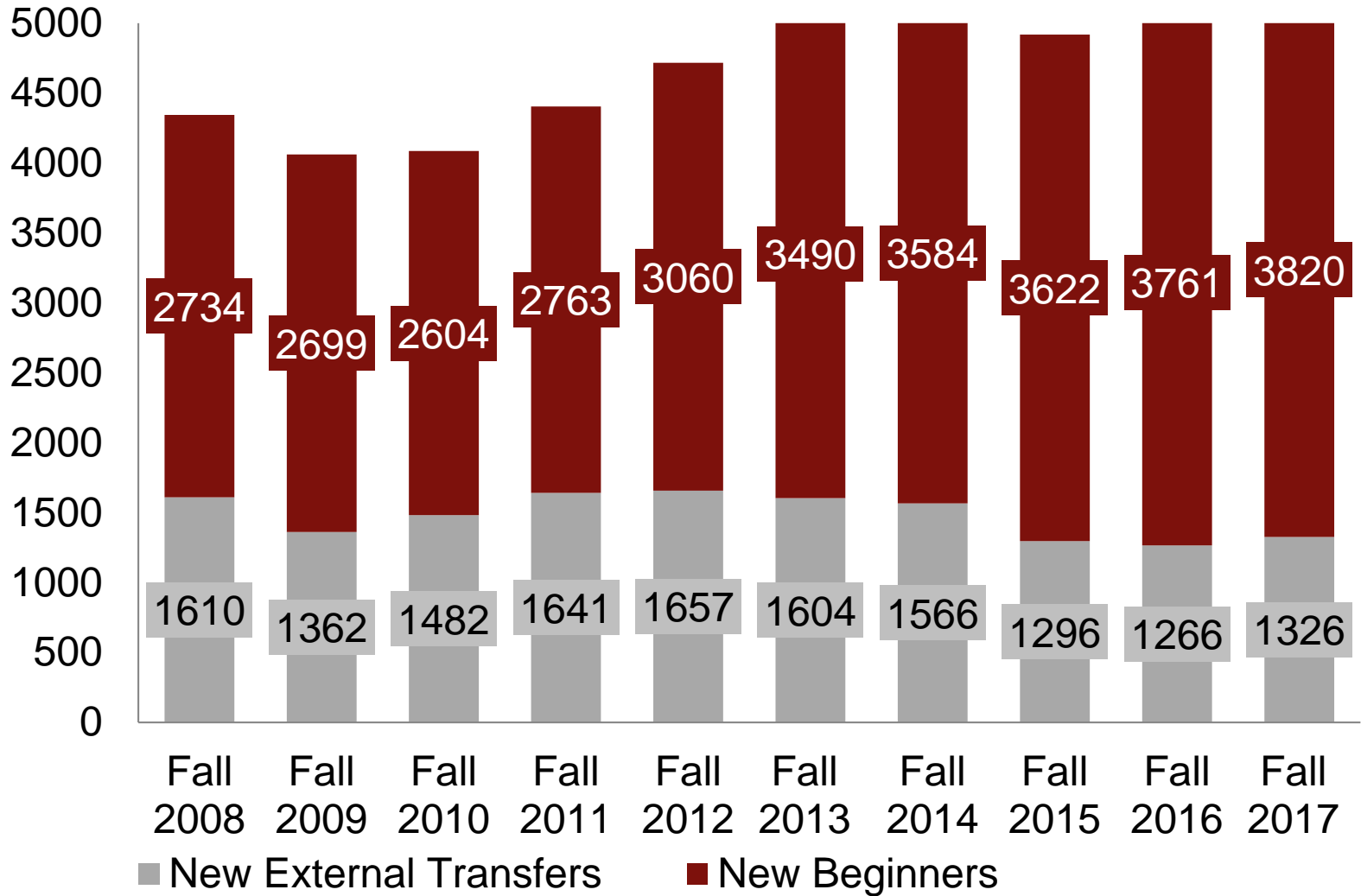
Understanding IUPUI Student Success and Retention

- **Progress on retention and graduation rates**
- **How we compare to our peers**
- **Why students leave and where they go**
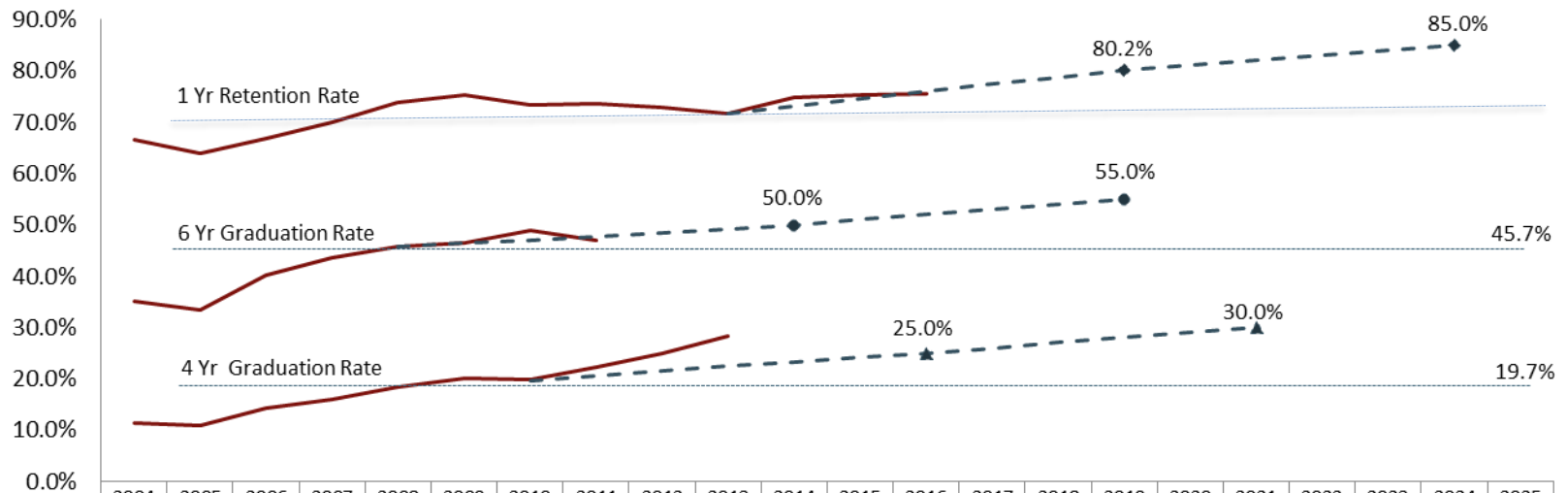- **What we can do to improve outcomes**

Indianapolis Only FTFT Cohort Retention and Graduation Rate (Bachelor's, Associate, and Certificate)

Student Performance Metrics Retention/Graduation Rates

IUPUI - Indianapolis
FTFT Bachelor Degree Seeking

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
—— 1 yr Retention	66.6%	64.0%	66.8%	70.1%	73.9%	75.3%	73.5%	73.6%	73.0%	71.8%	74.9%	75.3%	75.5%									
– – Strategic Goal										71.8%	73.2%	74.6%	76.0%	77.4%	78.8%	80.2%	81.2%	82.2%	83.2%	84.1%	85.0%	
—— 4 yr Graduation Rate	11.4%	10.9%	14.2%	16.0%	18.5%	20.1%	19.8%	22.2%	24.9%	28.4%												
– – Strategic							19.7%	20.6%	21.5%	22.4%	23.2%	24.1%	25.0%	26.0%	27.0%	28.0%	29.0%	30.0%				
—— 6 yr Graduation Rate	35.1%	33.4%	40.1%	43.7%	45.8%	46.6%	48.9%	47.0%														
– – Strategic					45.7%	46.4%	47.1%	47.8%	48.5%	49.2%	50.0%	51.0%	52.0%	53.0%	54.0%	55.0%						

Office of Institutional Research and Decision Support

Internal and External Changes Expected to Positively Affect Retention and Graduation Rates

IUPUI

- More Academically Prepared Students

- More Need-Based Institutional Aid Provided

- More Students Enrolled Full-Time and Taking 15 Hour Credit Load Per Semester

- Increases in Campus Housing

- Degree Maps

- High-Impact Practices/Center for Engaged Learning

- Strategic Enrollment Management

- Coordinated, Data-Driven Approaches to Improving Student Success

External

- Changes in High School Math Curriculum

- Increased Access to Dual Credit and AP courses

How do we compare?

Retention Rates (Fall to Fall)

Peer Institutions	Cohort Year		
	2013	2014	2015
U. of South Florida-Main Campus	89%	88%	90%
U. of Utah	89%	89%	90%
Temple U.	89%	90%	90%
U. of Cincinnati-Main Campus	86%	88%	88%
Virginia Commonwealth U.	86%	86%	86%
U. at Buffalo	88%	88%	86%
U. of Alabama at Birmingham	83%	79%	82%
Wayne State U.	76%	77%	82%
U. of New Mexico-Main Campus	79%	80%	80%
U. of Illinois at Chicago	80%	81%	80%
U. of Louisville	81%	79%	80%
Indiana U.-Purdue U.-Indianapolis	71%	74%	74%
U. of Colorado Denver	72%	68%	71%
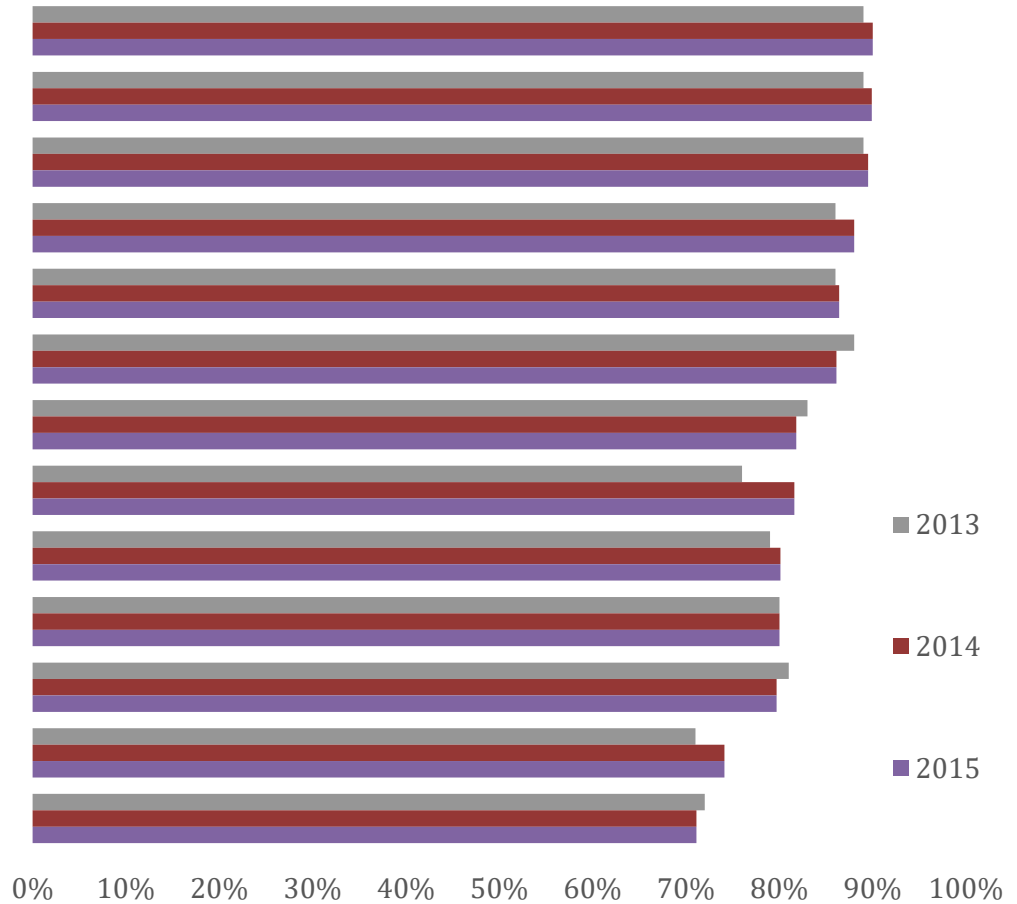
4 Year Graduation Rates

Peer Institutions	Cohort Year		
	2008	2009	2010
U. at Buffalo	53%	55%	58%
Temple U.	41%	43%	45%
U. of South Florida	39%	43%	44%
Virginia Commonwealth U.	34%	37%	36%
U. of Cincinnati-Main Campus	28%	28%	31%
U. of Illinois at Chicago	33%	34%	31%
U. of Alabama at Birmingham	33%	32%	30%
U. of Utah	24%	28%	29%
U. of Louisville	36%	25%	28%
U. of Colorado Denver	15%	17%	21%
Indiana U.-Purdue U.-Indianapolis	18%	19%	19%
U. of New Mexico-Main Campus	15%	15%	16%
Wayne State U.	11%	11%	13%

Legend: ■ 2008 ■ 2009 ■ 2010

IUPUI
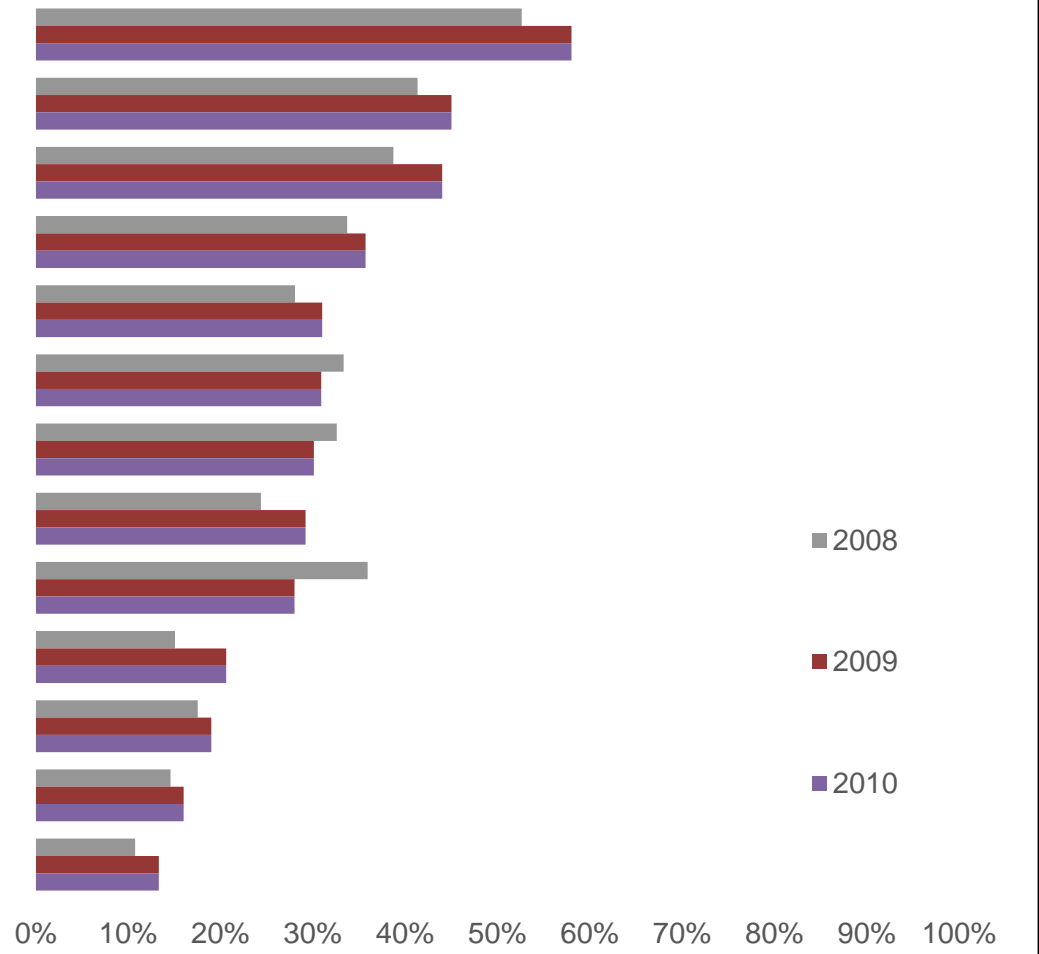
6 Year Graduation Rates

Peer Institutions	Cohort Year		
	2008	2009	2010
U. at Buffalo	72%	74%	74%
Temple U.	69%	71%	71%
U. of South Florida-Main Campus	67%	68%	67%
U. of Cincinnati-Main Campus	65%	65%	67%
U. of Utah	62%	64%	65%
Virginia Commonwealth U.	59%	62%	62%
U. of Illinois at Chicago	60%	60%	58%
U. of Alabama at Birmingham	55%	55%	53%
U. of Louisville	54%	53%	53%
U. of Colorado Denver	40%	46%	48%
Indiana U.-Purdue U.-Indianapolis	44%	45%	47%
U. of New Mexico-Main Campus	47%	47%	44%
Wayne State U.	34%	35%	39%
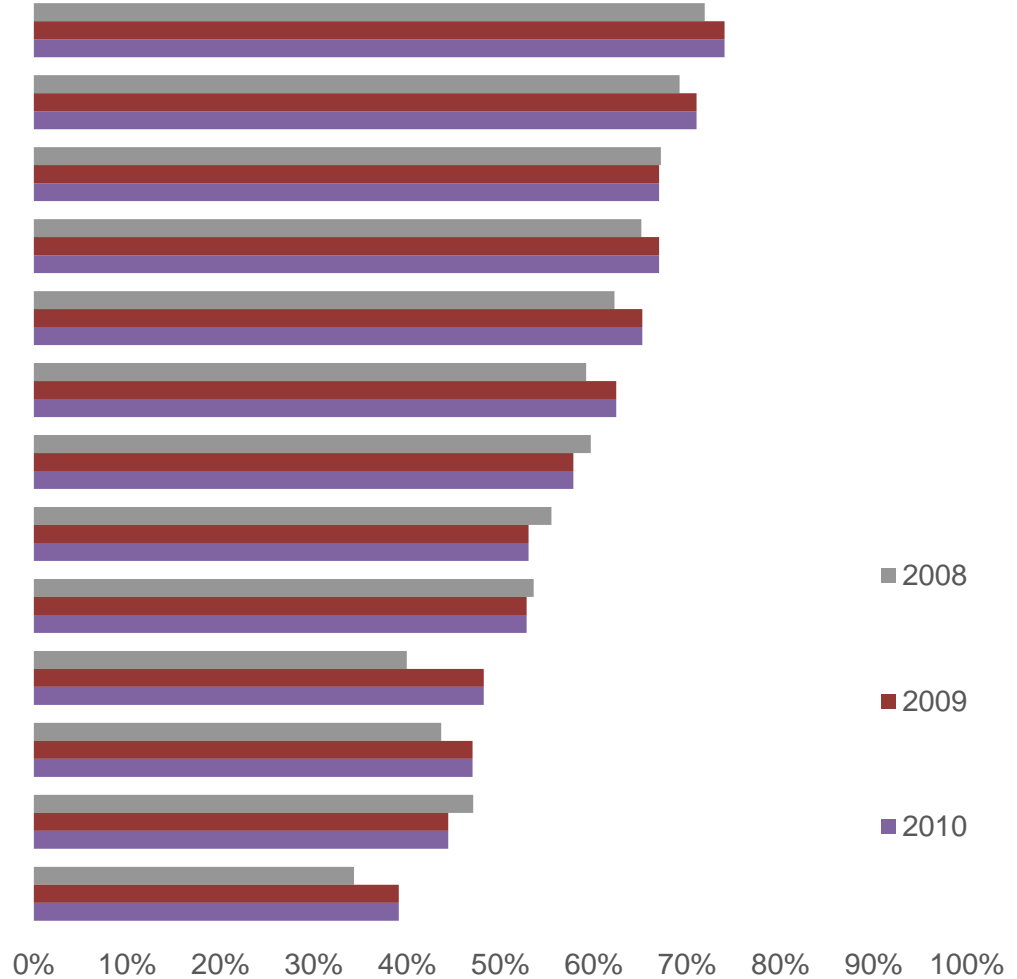
Difference Between IUPUI Peers Pell Grant Recipients

% First Year Students Receiving Federal Pell Grant 2015-2016
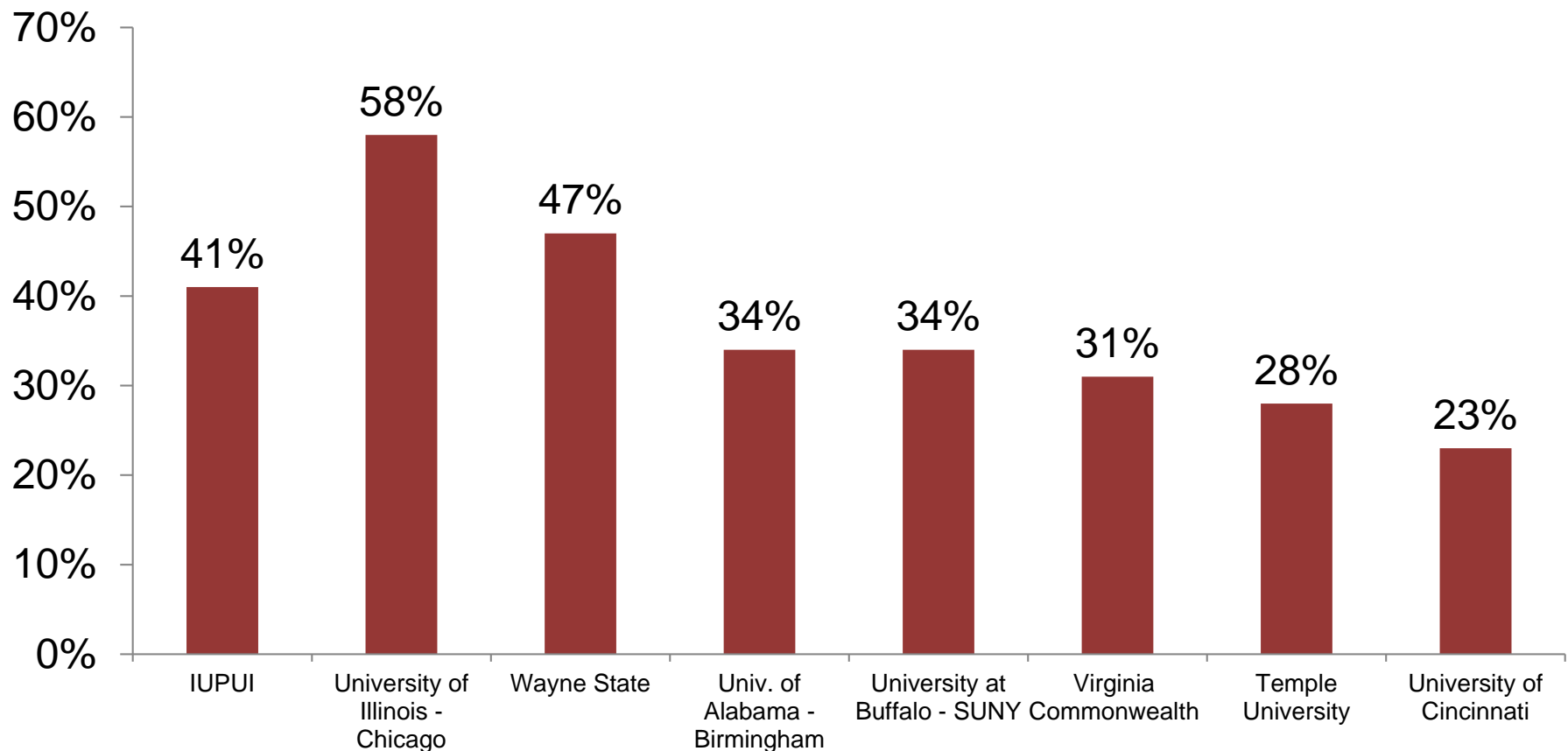
Institutional Aid and Scholarships

❖ In 2014-2015, we ranked 11th out of 13 peers (ahead of only University of Colorado Denver/Anschutz Medical Campus and Virginia Commonwealth University).

❖ In 2015-2016 we ranked second to last (ahead of only University of Colorado Denver/Anschutz Medical Campus)

Based on The Integrated Postsecondary Education Data System (IPEDS)
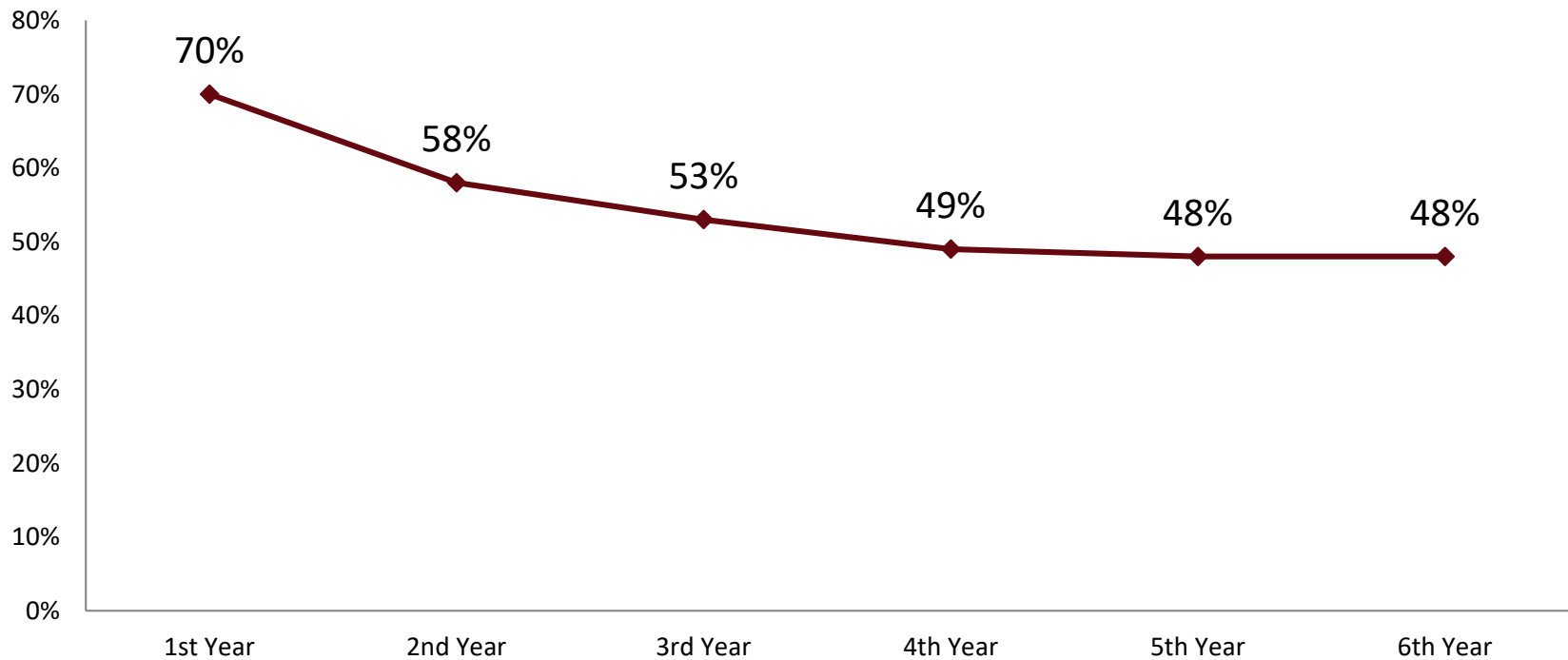
Understand Why Students Leave
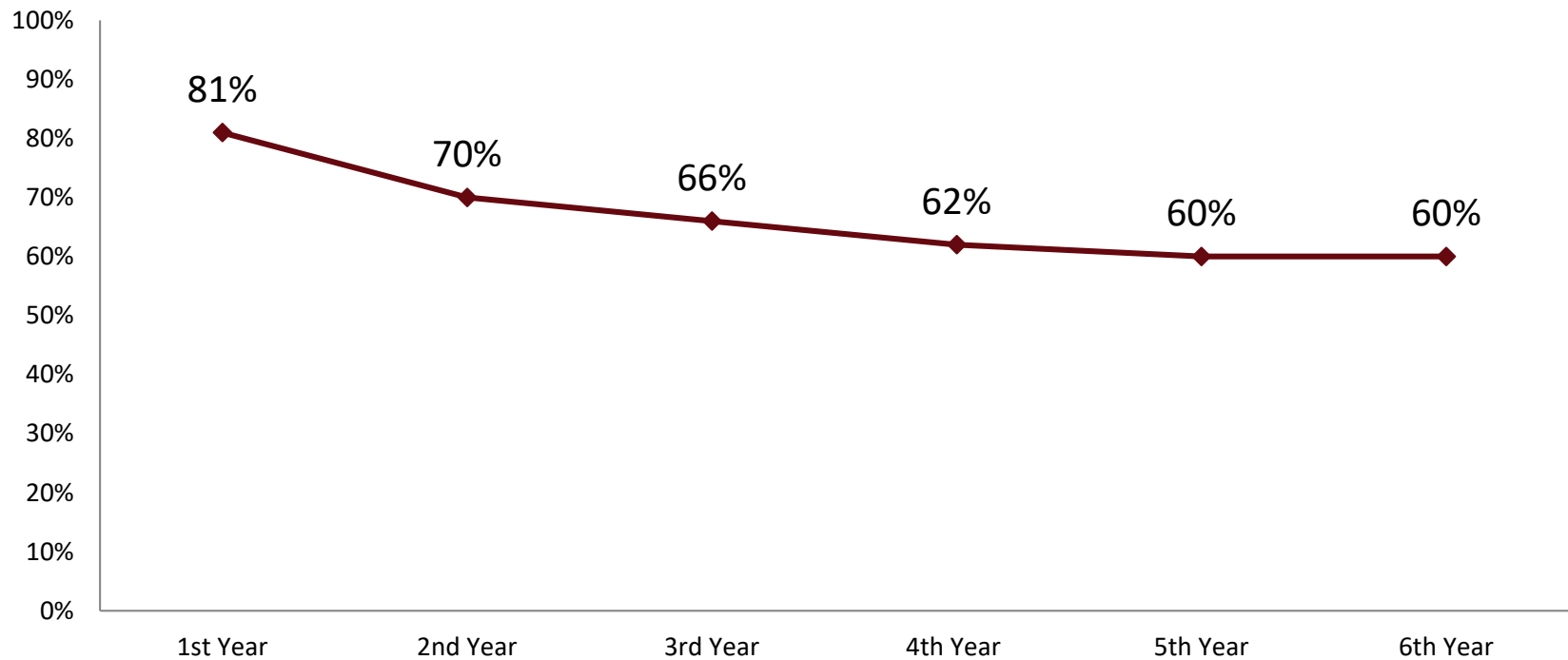
And Where Our Non-Retained Students Enroll

Lose Most Students First Year and Second Year – UC Dual Admits

First-Time, Full-Time Bachelor Degree Seeking Beginners
Cohort Year 2011

Lose Most Students First Year and Second Year – Direct/Dual Admits

First-Time, Full-Time Bachelor Degree Seeking Beginners
**Cohort Year 2011**

First-Time New Graduate/Professional Student Retention

1. Lose about 10-12% in First Year

   – Graduate Certificate lose about 28%

   – Masters Level lose about 15%

   – Doctoral-Research Lose about 10%

   – Doctoral-Practice Lose less than 5%

2. African American One-Year Retention Rate = 76-78% while overall is 83-86%

3. First-Generation Rate Lower than Non-First Generation Rate
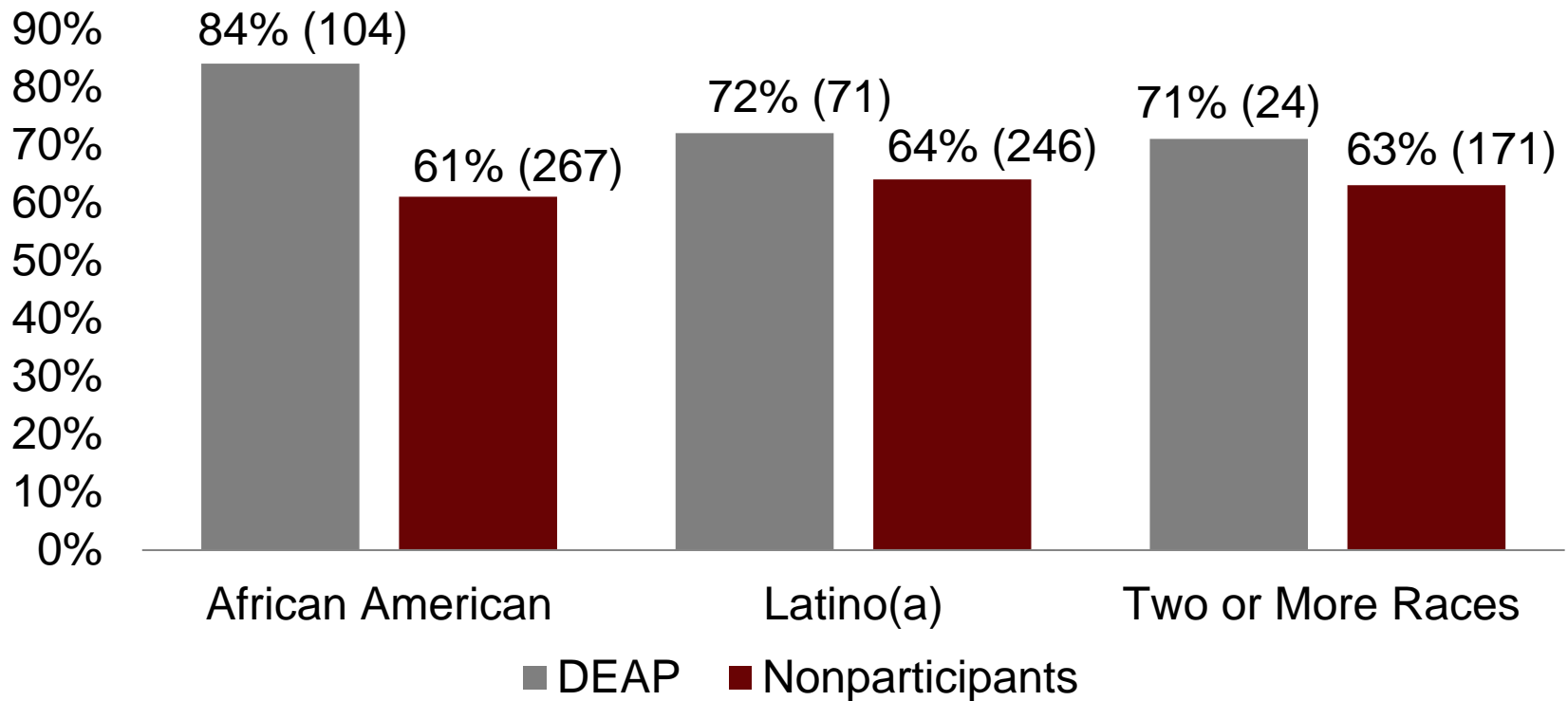
https://irds.iupui.edu/data-link/index.html

Indianapolis Only FTFT Cohort One-Year Retention (Bachelor's, Associate, and Certificate any IU) – Underrepresented Students
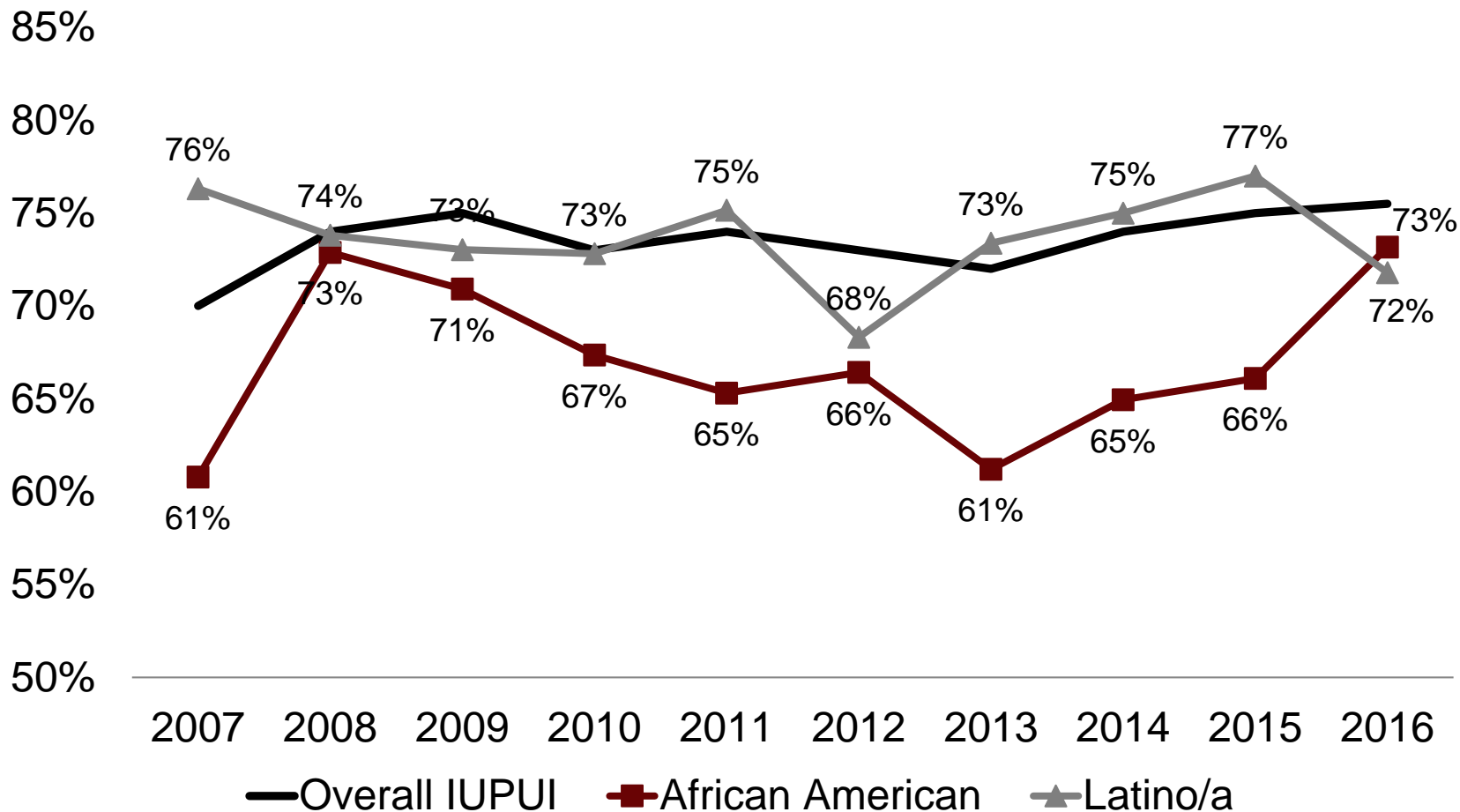
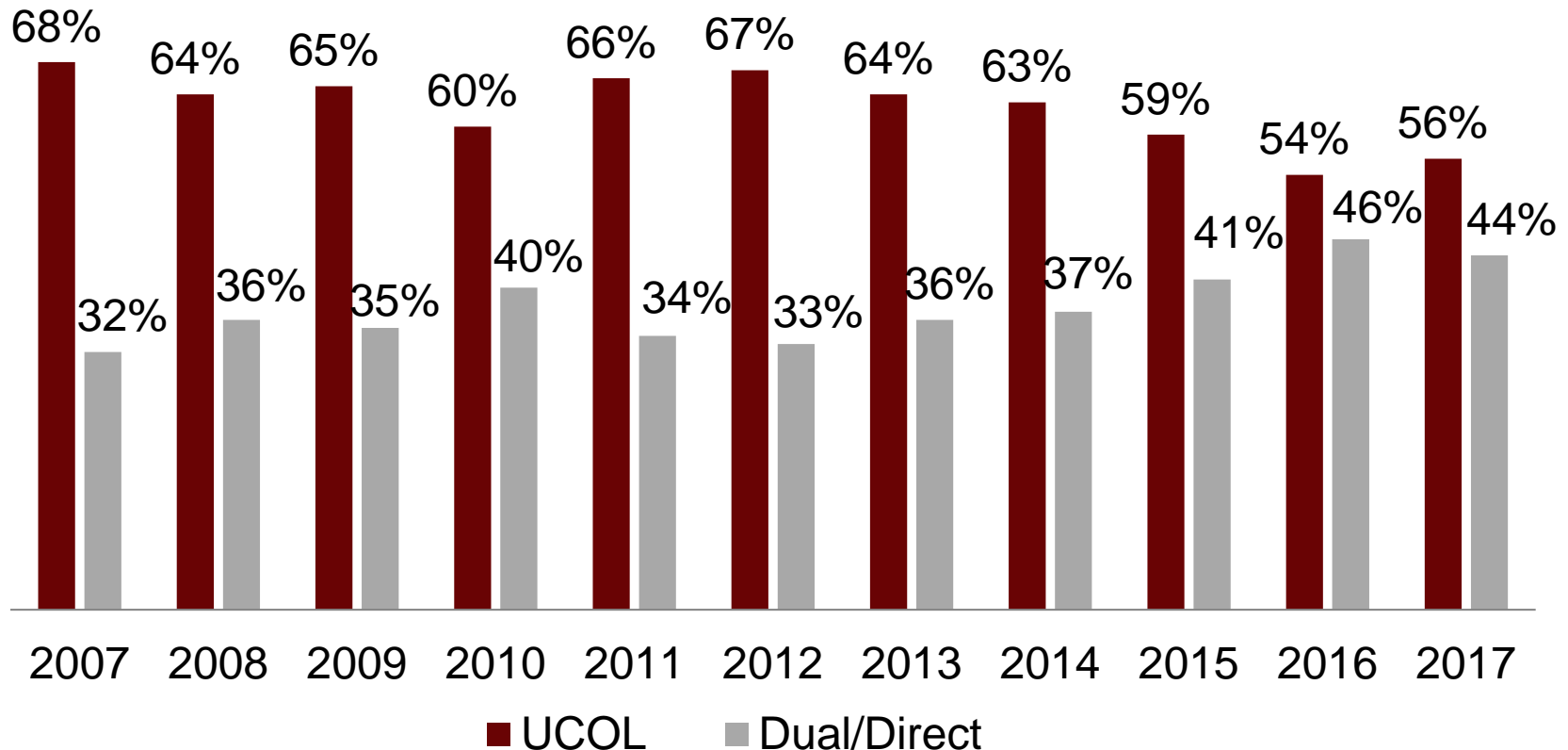# Diversity Enrichment and Achievement Program (DEAP) Retention

Fall-Fall Retention – Retained IUPUI IN

African American: 84% (104) DEAP, 61% (267) Nonparticipants
Latino(a): 72% (71) DEAP, 64% (246) Nonparticipants
Two or More Races: 71% (24) DEAP, 63% (171) Nonparticipants
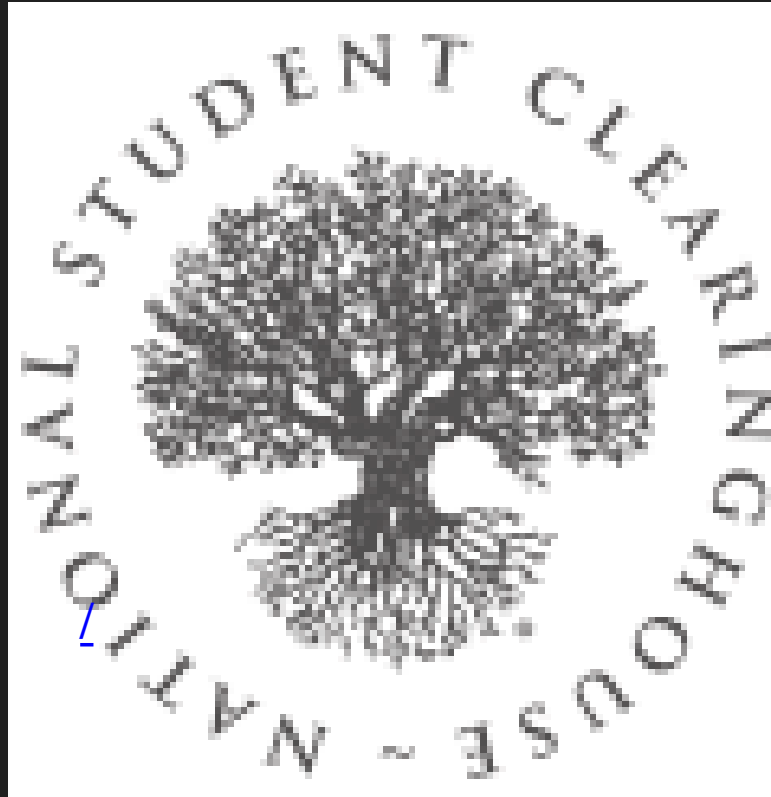
DEAP ■ Nonparticipants

New Beginners Direct/Dual and University College Admits

2016 University College One-Year Retention 66%, Direct/Dual Admit 78%,
Overall IUPUI Indianapolis Retention Rate FT, FT Retained IUPUI IN Campus 71%

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IUPUI

Understanding What Happens to Our Students

/

The National Student Clearinghouse is the nation's trusted source for education verification and student outcomes research.
http://www.studentclearinghouse.org

Fall 2016 IUPUI Indianapolis First-Time Beginners N=3,761

Number Returned for Second Year of Classes IUPUI IN Campus (Fall to Fall Retention)

- Retained
- Not Retained

1,134

2,627
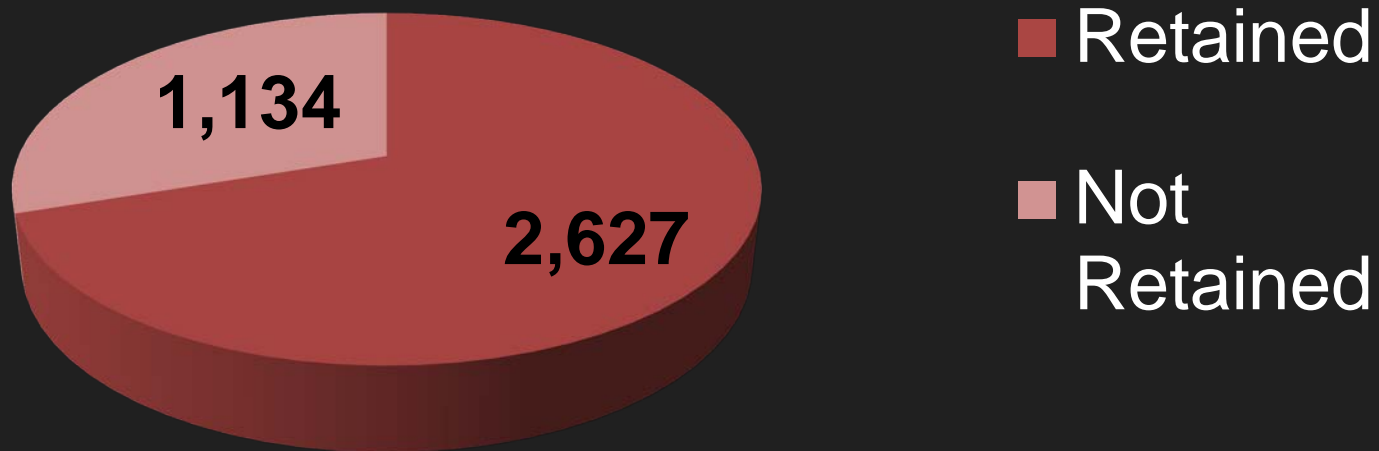
National Student Clearinghouse

Summary of Non-Returning Students N=1,134
Numbers of Students

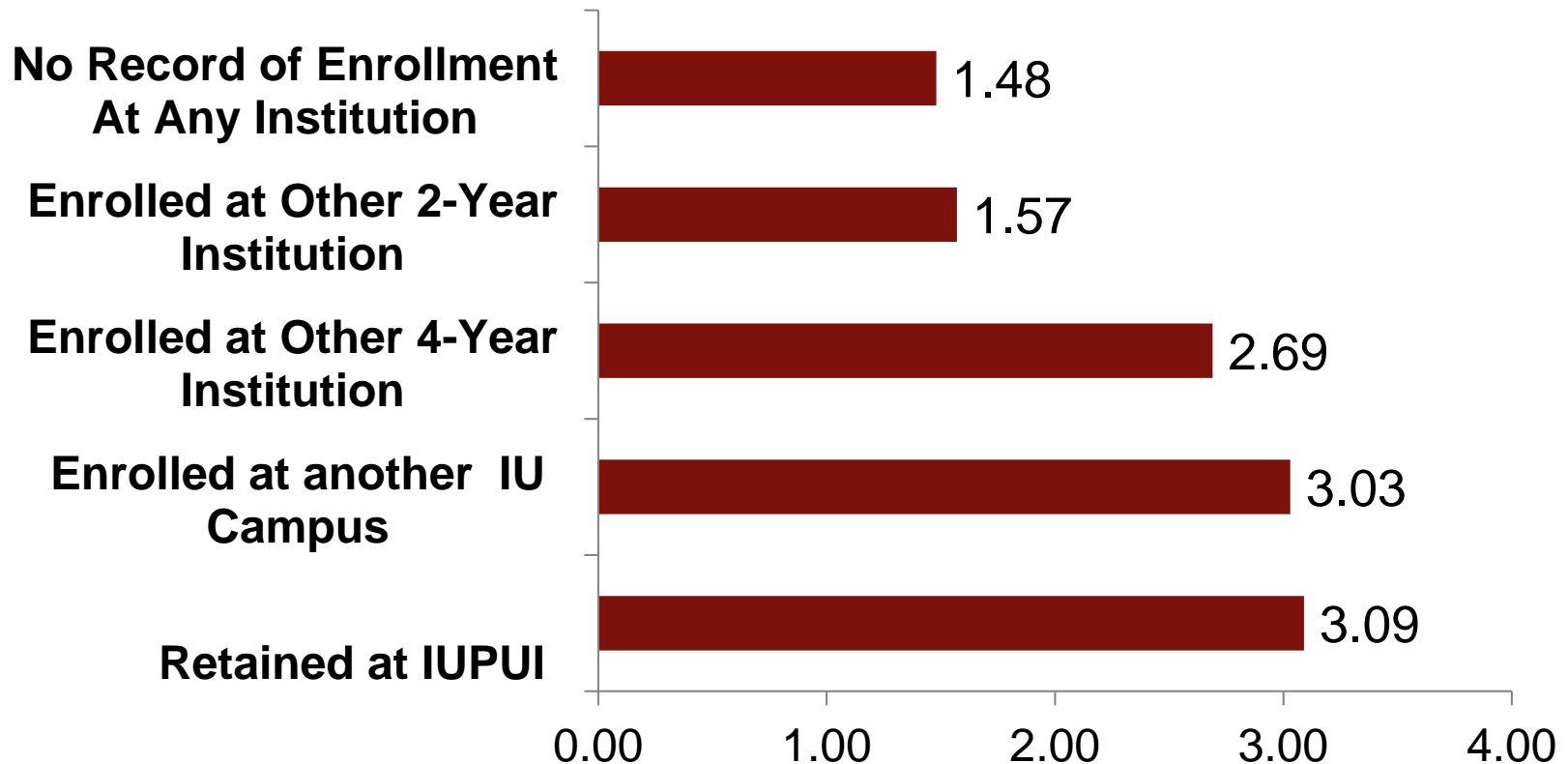| Category	Number
No Record of Enrollment At Any Institution	603
Enrolled at Other 2-Year Institution	201
Enrolled at Other 4-Year Institution	151
Enrolled at another IU Campus	179
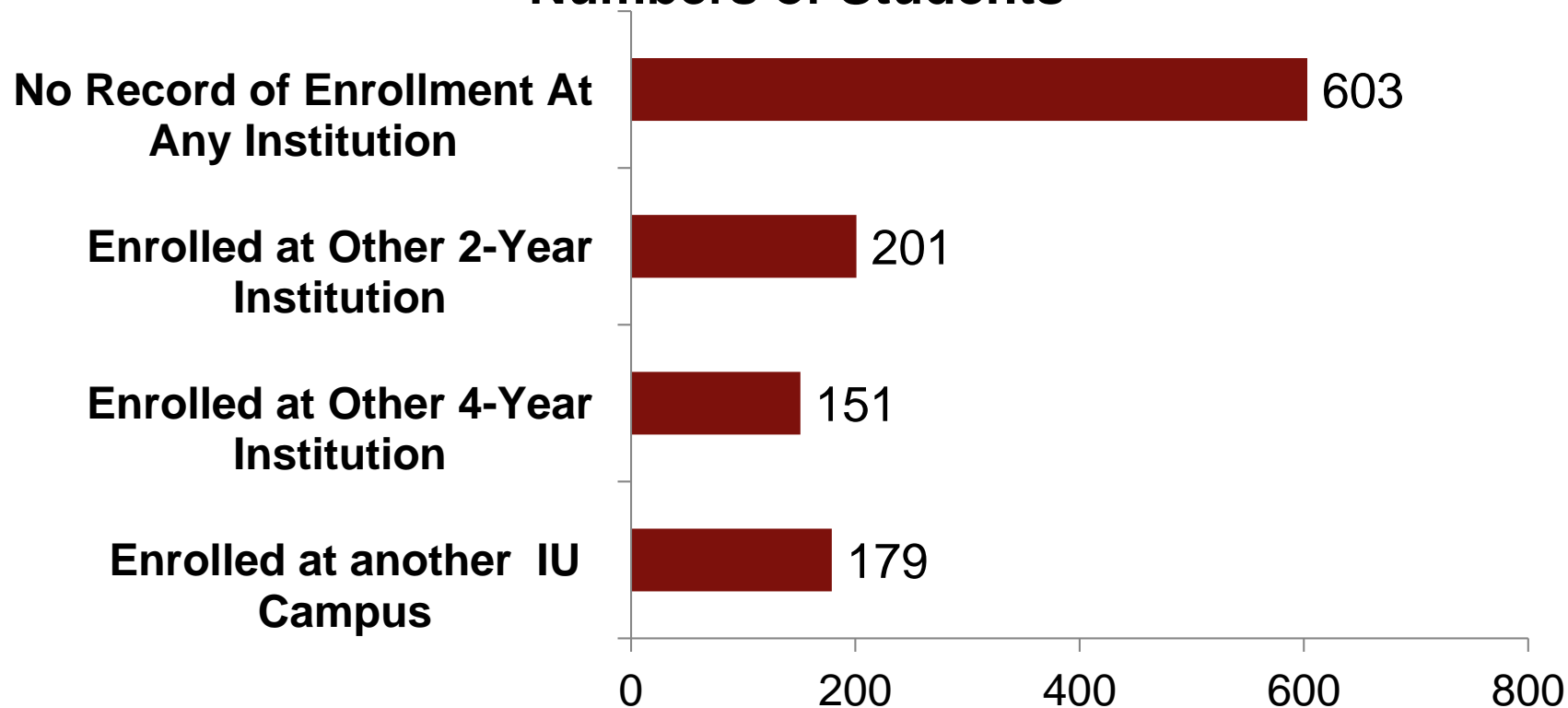
Where Do Students Enroll 2016 Cohort?

(Top 10 Institutions Out of the 81 Institutions Our Students Enrolled in Fall 2016/% of 531 who Reenrolled at Another Institution)

Institution	N	%
Ivy Tech Community College	183	34%
Indiana University Bloomington	91	17%
Indiana University South Bend	22	4%
Purdue University - West Lafayette	22	4%
Indiana State University	15	3%
Indiana University Northwest	15	3%
Ball State University	12	2%
Indiana University Southeast	11	2%
Indiana University- Purdue University Columbus	11	2%
Marian University	11	2%

Academic Performance of Students Who Left and Stayed 2016 Cohort

Average Cumulative IUPUI First-Year GPA

Category	GPA
No Record of Enrollment At Any Institution	1.48
Enrolled at Other 2-Year Institution	1.57
Enrolled at Other 4-Year Institution	2.69
Enrolled at another IU Campus	3.03
Retained at IUPUI	3.09

# Student Risk Factors and Initiatives to Improve Student Success

High-Risk Factors Associated with Poor Student Success and Attrition

1. Poor Performance in first semester or Earning DWFI in a course

2. Low high school or transfer in GPA (lower than 3.00)

3. Under-Resourced (high levels of unmet financial aid, low-income)

4. Late Registration Date

5. Not having Academic Honors Diploma or Rigorous High School Curriculum

6. Attending part-time and not enrolling in 15 or more credit hours

7. Not Placing into Credit Bearing Math

8. Transferring in with few hours with no degree

9. First Generation College Student

10. Not Participating in High Impact Practices and Early Interventions First Year (FYS, Themed Learning Communities, Summer Bridge)

11. Living Off-Campus

12. Living Alone or With Others Not Attending IUPUI

Beginner Student Living Situations
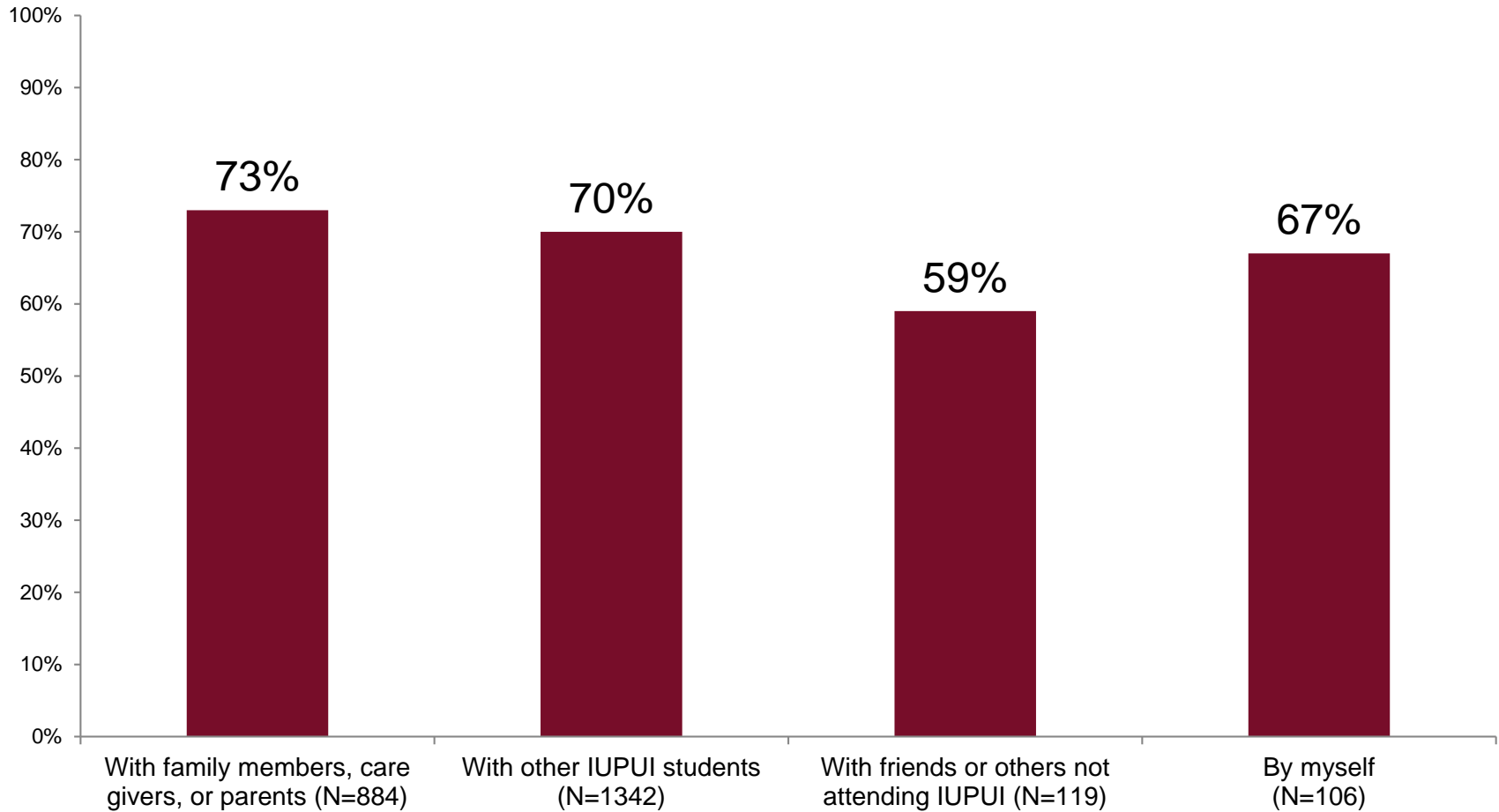
Where do you plan to live for your first year?
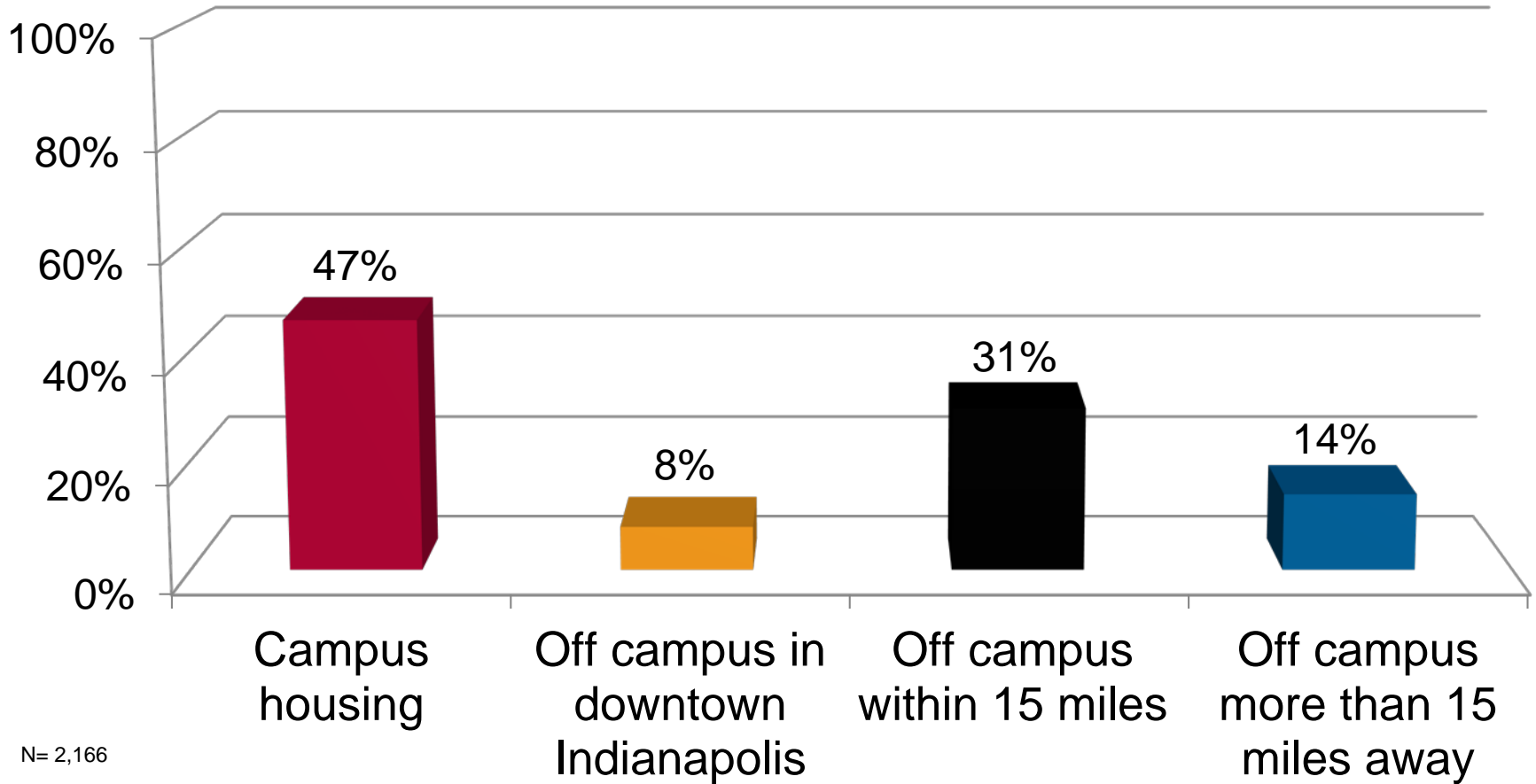
N= 2,166

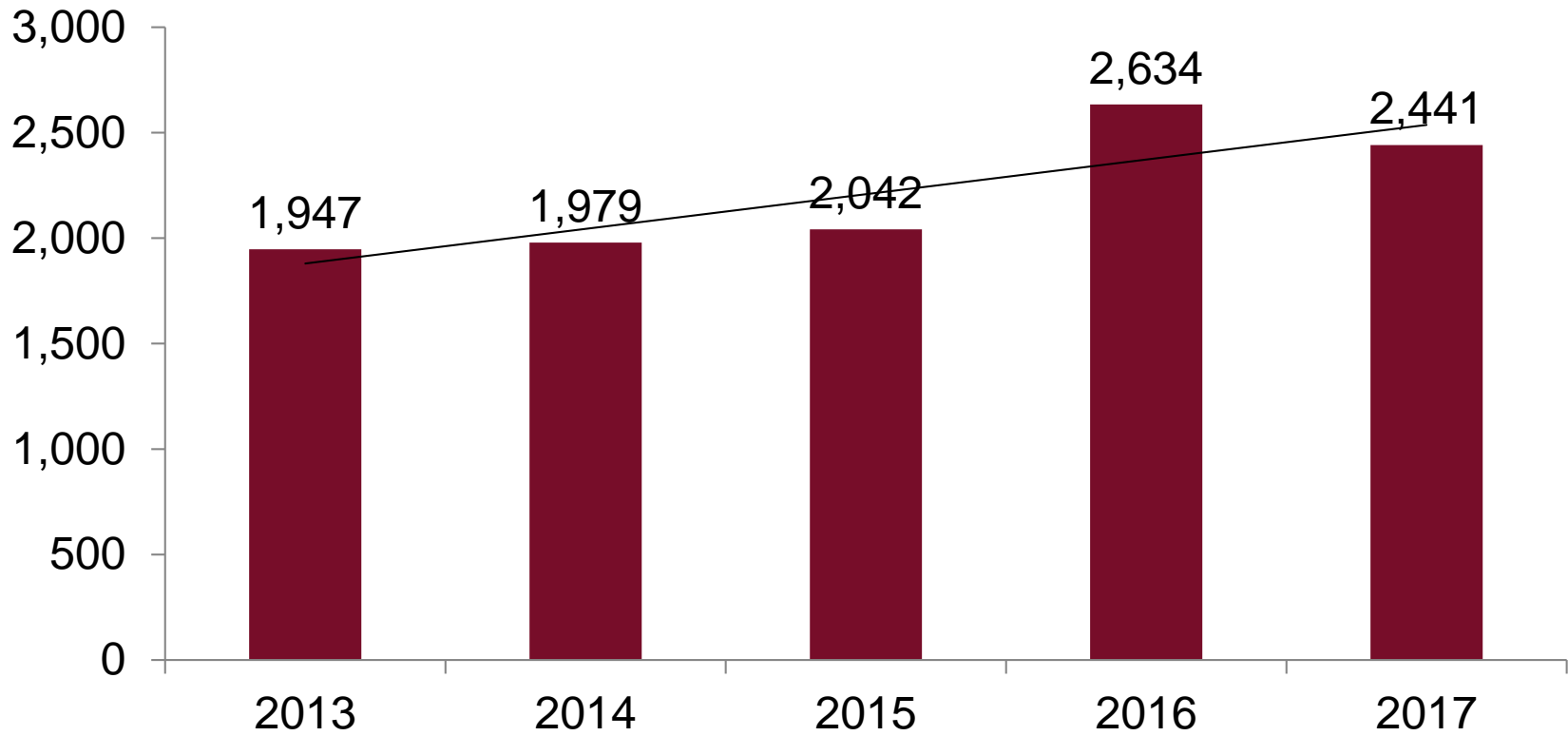# Living Situation Matters In Predicting One-Year Retention

One-Year Retention Rate IUPUI
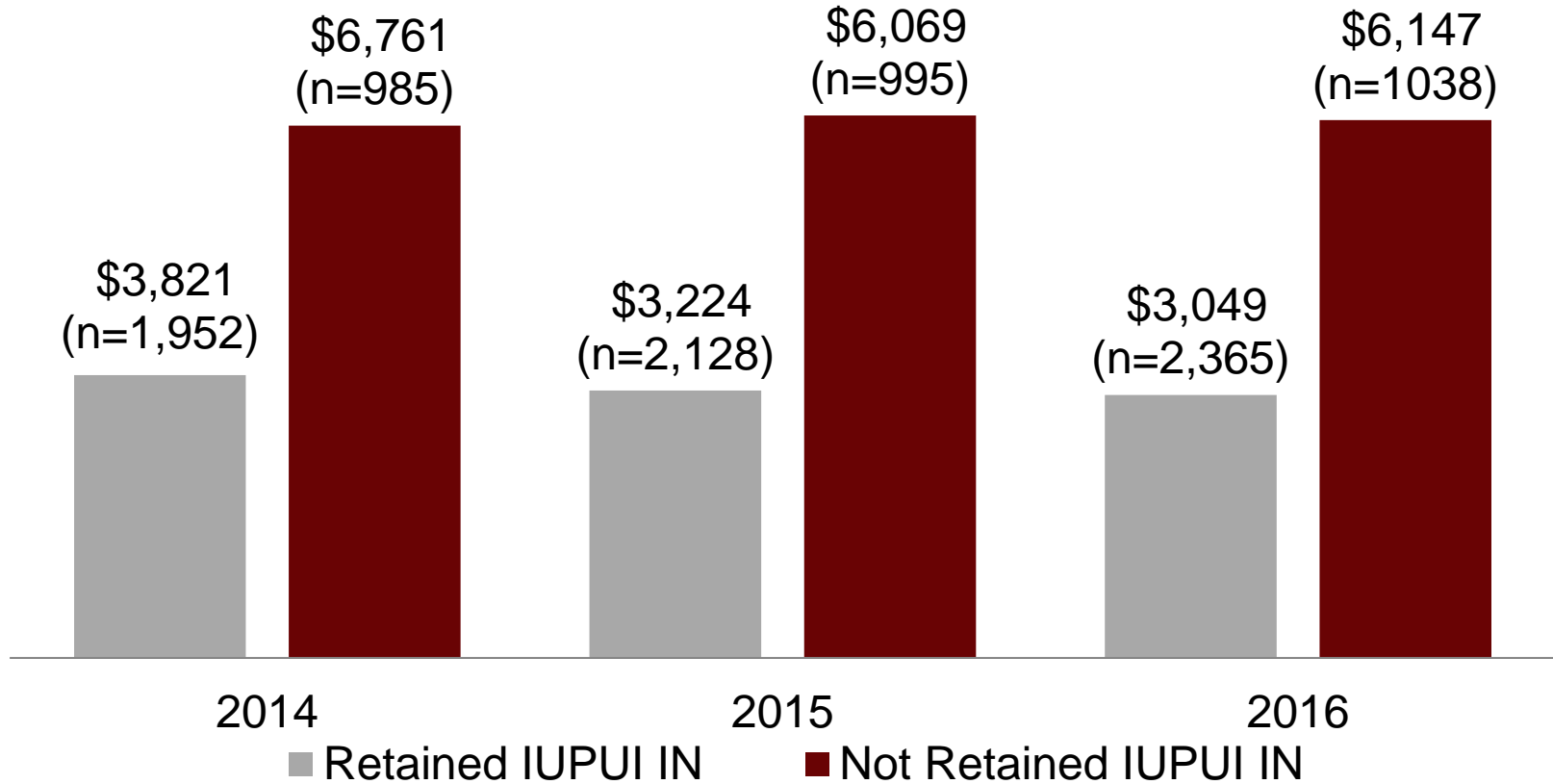
Campus Housing

 # All Undergraduates
Based on students that paid the residence life fee. Includes Ball Residence, Tower, North Hall, and more.

Annual Unmet Financial Need and One-Year Retention FT, FT Beginners

Total Unmet Financial Need Academic Year

$6,761
(n=985)

$6,069
(n=995)

$6,147
(n=1038)

$3,821
(n=1,952)

$3,224
(n=2,128)

$3,049
(n=2,365)

2014   2015   2016

■ Retained IUPUI IN   ■ Not Retained IUPUI IN

High-Risk Factors Associated with Poor Student Success – Survey Data

- High External Commitments (time planned to spend working for pay off-campus for pay, commuting, taking care of dependents and household responsibilities)

- Low sense of belonging and early on (feeling disconnected)

- Do not feel engaged on campus /perceive little campus life

- Lack of fit on campus

- Want to move back home/homesickness

- Low organizational commitment early on (plan to transfer)

- Lack of perceived ability self-efficacy in math, writing, and study skills

- Difficult time managing finances and paying for college

- Did not get into desired academic program

- Major not offered

- Personal reasons (family, health issues, psychological issues)

What Well Working – Leverage and Sustain

- Summer Bridge

- High Impact Practices

- Diversity Enrichment and Achievement Mentoring (DEAP) Program

- Success Coaching

- Providing specialized, team-based academic and career development around a student's major (in DUE Academic and Career Development ACD)

- Institutional Aid and Programming - Success of Twenty First Century Scholars

- More Commitment to Need-Based Aid

- More Students Enrolling in 15 or More Credit Hours

- Campus Housing

- Attracting more Underrepresented Students and Making Progress on Improving Success Outcomes

- Graduates are getting jobs and staying in Indiana

- Faculty Teaching and Learning Excellence - Engaged in High Impact Practices

- Culture of data-supported planning, decision making, and improvement

Consider and Continue to Explore

- Scaffolding High Impact Practices throughout all 4-5 Years and Ensuring all Students Participate

- Ensuring that interventions are reaching students that may benefit the most – more strategic targeting

- Continue Ways to Couple Institutional Aid With Programming

- Provide supports to help low-income students overcome practical barriers – Beyond Financial Aid.

- Move Beyond the First Year – More Collaboration with Schools, Inspiring Pre Majors and focus on Sophomores

- Math Academic Support in Credit Bearing Courses Corequisite Enrollment

- Ensuring High Quality Degrees - Capstone Experiences and Working With Employers

- Accelerated Degree Programs that are interdisciplinary

- Being strategic about ensuring the right students have the right support (students that will benefit most) - world of predictive analytics coupled with good analysis, evaluation, model refinements

New Initiatives

- Success Coaching Pilots Using Predicted Analytics

- Strategic Information Council (action planning based on data)

- Revised Support for Conditionally Admitted Students

- Increased Need-Based Aid and Housing Stipends

- Beyond Financial Aid Partnerships with Social Work Registry of Options and Resources (ROAR)

- New Student Surveys to Identify Difficult Transitions (Graduate students and Transition to Major)

School of Social Work Partnership

- [ROAR website](#) development

- New IU One.iu search engine resources for under-resources students

- Social Work student intern placements in Financial Aid, Dean of Students, 21st Century Scholar Support Programs, other areas

Student Experience Council

Subcommittees

1. Common first year experience

2. Helping students find community

3. Coordinated communication to students from deposit through the first year

4. Financial support for students

APLU - Strategies used by Project Degree Completion (PDC) Award Applicants

1. Credit Campaigns ("Finish in Four"; "15 to Finish")

2. Degree Maps (personalized set of courses required for a particular degree program and information on when courses are available)

3. Early Alert Indicators (predictive analytics, flags, data systems alerting of impediments)

4. Integrated Technology System (links data from multiple sources for better decision making and transparency or integrated early alert systems)

5. Bridge Programs (assisting in difficult transitions summer bridge, transfer bridge, discipline specific summer bridge programs)

6. Academic Support Centers (mentoring, tutoring, life skills, writing, etc.)

7. Course Redesign (retooling specific courses or sets of courses usually with high DFWI rates to improve pedagogical strategies and academic support structures)

8. Financial Literacy (training covering wide range of topics such as student loans, budgeting, developing savings and investment plans during and after college)

9. Learning Communities (cohort style or with a residential component – Living Learning Communities)

10. Financial Support (institutional completion grants and need-based aid)

11. Peer Mentoring

12. Proactive Advising (student-centered approaches with higher touch practices that include advising and coaching)

Contact Information

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Institutional Research and Decision Support
irds.iupui.edu

IUPUI Data Link

Contact us with questions or requests for information!