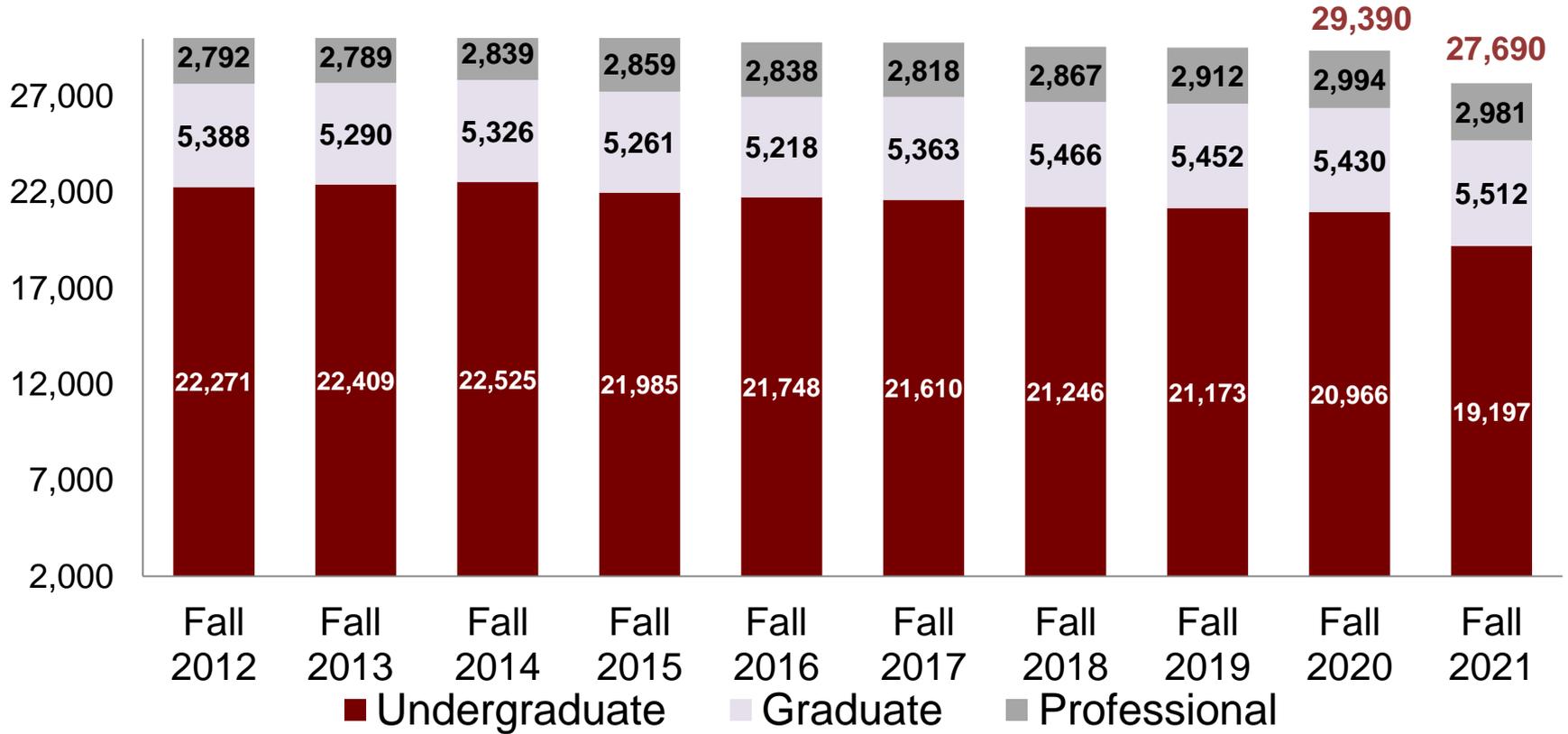Michele J. Hansen, Ph.D.
Assistant Vice Chancellor, Institutional Research and Decision Support

Understanding IUPUI Students

Student Enrollment IUPUI, IUPUC and IUFW

Total enrollment

- 27,690 (25,713 Indianapolis), down 5.8% from Fall 2020

- 344,778 credit hours (319,724 in Indianapolis), down 6.4% from Fall 2020

- 8,533 students of color (8,125 Indianapolis)

  - Record high Latinx (2,778) and Asian American (1,864)

- 23,793 Indiana residents (22,870 at IU Bloomington; 21,874 Indianapolis only)

Enrollment at Indiana 4-Year Public Institutions

PUBLIC INSTITUTION		Total Degree-Seeking Headcount (HC) and FTE												% Change in HC		% Change in FTE	
		Fall 2016		Fall 2017		Fall 2018		Fall 2019		Fall 2020		Fall 2021		1 yr (2020-2021)	5 yr (2016-2021)	1 yr (2020-2021)	5 yr (2016-2021)
		HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE				
Main Campus	Ball State University	20,972	18,378	21,489	18,650	21,075	18,175	21,152	18,268	20,686	18,013	19,060	16,321	-7.9%	-9.1%	-9.4%	-11.2%
	Indiana State University	12,889	11,248	12,932	11,279	12,289	10,758	11,476	9,873	10,719	9,162	9,348	7,913	-12.8%	-27.5%	-13.6%	-29.7%
	IU-Bloomington	43,213	40,063	43,157	40,156	42,937	39,941	42,760	39,891	42,552	39,736	44,908	41,698	5.5%	3.9%	4.9%	4.1%
	PU-West Lafayette	39,971	37,995	41,063	38,902	42,956	40,715	44,079	41,736	45,414	42,497	49,233	45,859	8.4%	23.2%	7.9%	20.7%
	Univ of Southern Indiana	8,816	7,475	8,863	7,479	8,827	7,369	8,552	7,105	8,436	6,904	7,851	6,333	-6.9%	-10.9%	-8.3%	-15.3%
	TOTAL	125,861	115,159	127,504	116,465	128,084	116,959	128,019	116,873	127,807	116,311	130,400	118,124	2.0%	3.6%	1.6%	2.6%
Non-Main Campus	IU-East	3,236	2,363	3,125	2,332	3,196	2,426	3,271	2,471	3,134	2,328	2,792	2,031	-10.9%	-13.7%	-12.8%	-14.1%
	IU-Kokomo	2,873	2,390	2,873	2,453	2,898	2,518	2,910	2,536	3,002	2,613	2,752	2,387	-8.3%	-4.2%	-8.6%	-0.1%
	IU-Northwest	4,064	3,223	3,892	3,104	3,747	2,993	3,633	2,935	3,637	2,921	3,297	2,609	-9.3%	-18.9%	-10.7%	-19.0%
	IU-South Bend	5,471	4,427	5,261	4,308	5,082	4,174	4,910	4,026	4,765	3,908	4,288	3,457	-10.0%	-21.6%	-11.6%	-21.9%
	IU-Southeast	5,297	4,040	5,072	3,932	4,945	3,891	4,672	3,682	4,388	3,495	3,807	2,960	-13.2%	-28.1%	-15.3%	-26.7%
	IUPUI	28,759	25,724	28,784	25,922	28,710	25,952	28,598	25,930	28,612	25,764	26,999	24,245	-5.6%	-6.1%	-5.9%	-5.8%
	PU-Fort Wayne	8,390	6,744	8,142	6,611	7,731	6,461	7,245	6,138	6,781	5,844	6,211	5,344	-8.4%	-26.0%	-8.6%	-20.8%
	PU-Northwest	10,450	7,788	9,529	7,362	9,091	7,199	8,400	6,728	7,964	6,380	7,093	5,666	-10.9%	-32.1%	-11.2%	-27.2%
	PU-Polytechnic	993	736	1,060	787	1,020	757	921	679	787	584	703	489	-10.7%	-29.2%	-16.3%	-33.6%
	TOTAL	69,533	57,434	67,738	56,809	66,420	56,371	64,560	55,125	63,070	53,835	57,942	49,186	-8.1%	-16.7%	-8.6%	-14.4%
FOUR-YEAR STATEWIDE		195,394	172,593	195,242	173,274	194,504	173,329	192,579	171,998	190,877	170,147	188,342	167,310	-1.3%	-3.6%	-1.7%	-3.1%

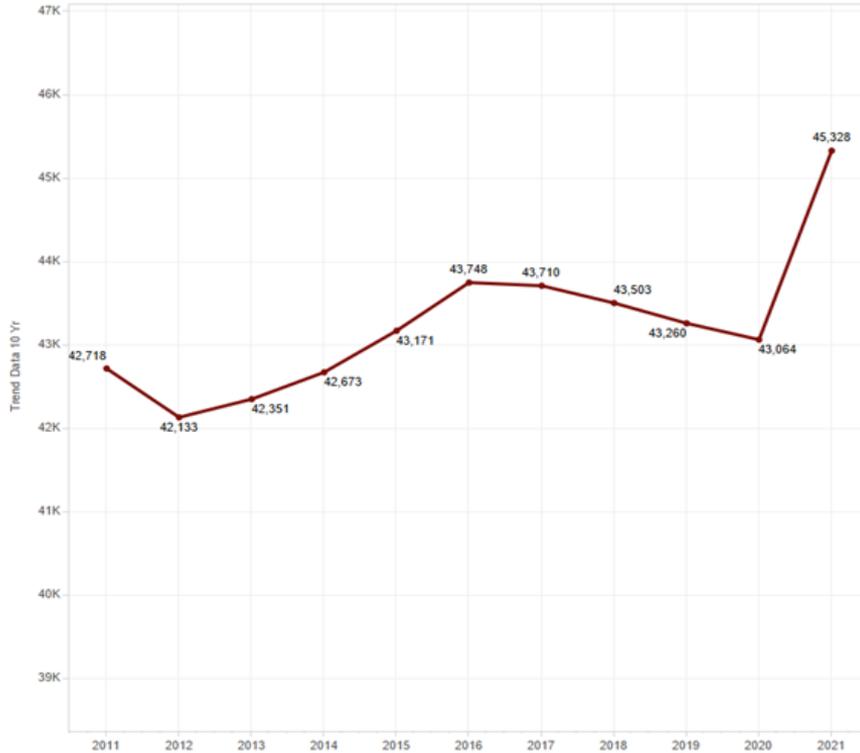Source: CHEDSS, Indiana Commission for Higher Education Data Submission System

Note: Trends beginning in Fall 2018 and beyond may be impacted by structural changes to IPFW (shifting of health programs to IU) and Ivy Tech's realignment of campus structure.

IU Bloomington enrollment

Enrollment Trend for Headcount by Overall

IUPUI enrollment

Enrollment Trend for Headcount by Overall

IUPUI

Serving Indiana Hoosiers

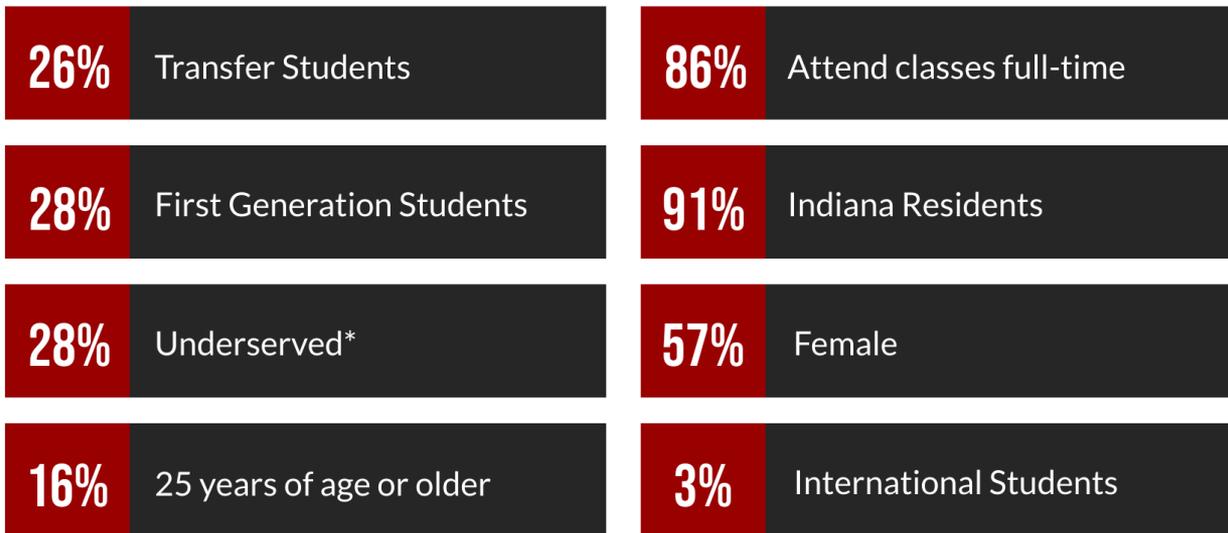IUPUI* serves more Indiana Residents than any other IU campus.

23,793

* Includes Columbus & Ft. Wayne

UNDERGRADUATE 2021

IUPUI - INDIANAPOLIS ONLY

DEGREE-SEEKING ONLY

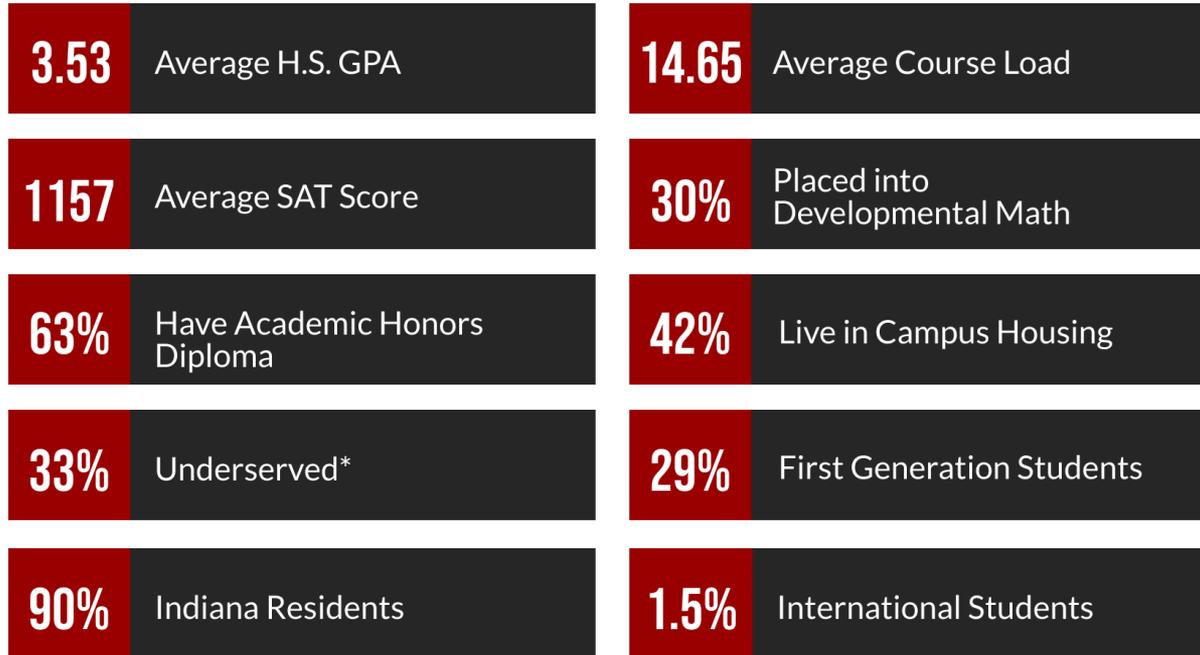|				
26%	Transfer Students		**86%**	Attend classes full-time
28%	First Generation Students		**91%**	Indiana Residents
28%	Underserved*		**57%**	Female
16%	25 years of age or older		**3%**	International Students

*Underserved includes African American, American Indian/Alaska Native, Latinx, Native Hawaiian / Pacific Islander, and Two or More Races.

NEW BEGINNERS - FALL 2021

IUPUI - INDIANAPOLIS ONLY

3.53	Average H.S. GPA	**14.65**	Average Course Load
1157	Average SAT Score	**30%**	Placed into Developmental Math
63%	Have Academic Honors Diploma	**42%**	Live in Campus Housing
33%	Underserved*	**29%**	First Generation Students
90%	Indiana Residents	**1.5%**	International Students

*Underserved includes African American, American Indian/Alaska Native, Latinx, Native Hawaiian / Pacific Islander, and Two or More Races.

IUPUI

GRADUATE & PROFESSIONAL 2020

IUPUI - INDIANAPOLIS ONLY

DEGREE-SEEKING ONLY

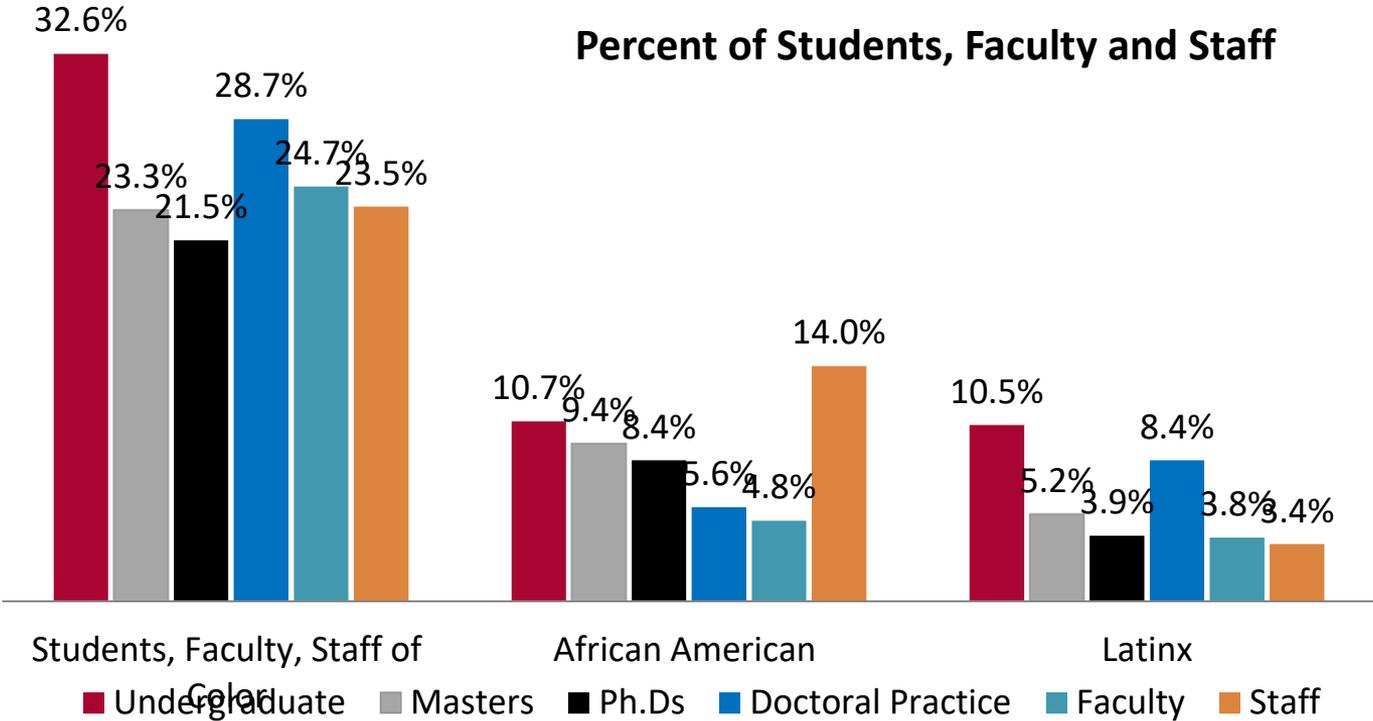|	
19% First Generation Students	**74%** Indiana Residents
17% Underserved*	**60%** Female
59% Attend classes full-time	**10%** International Students

*Underserved includes African American, American Indian/Alaska Native, Latinx, Native Hawaiian / Pacific Islander, and Two or More Races.
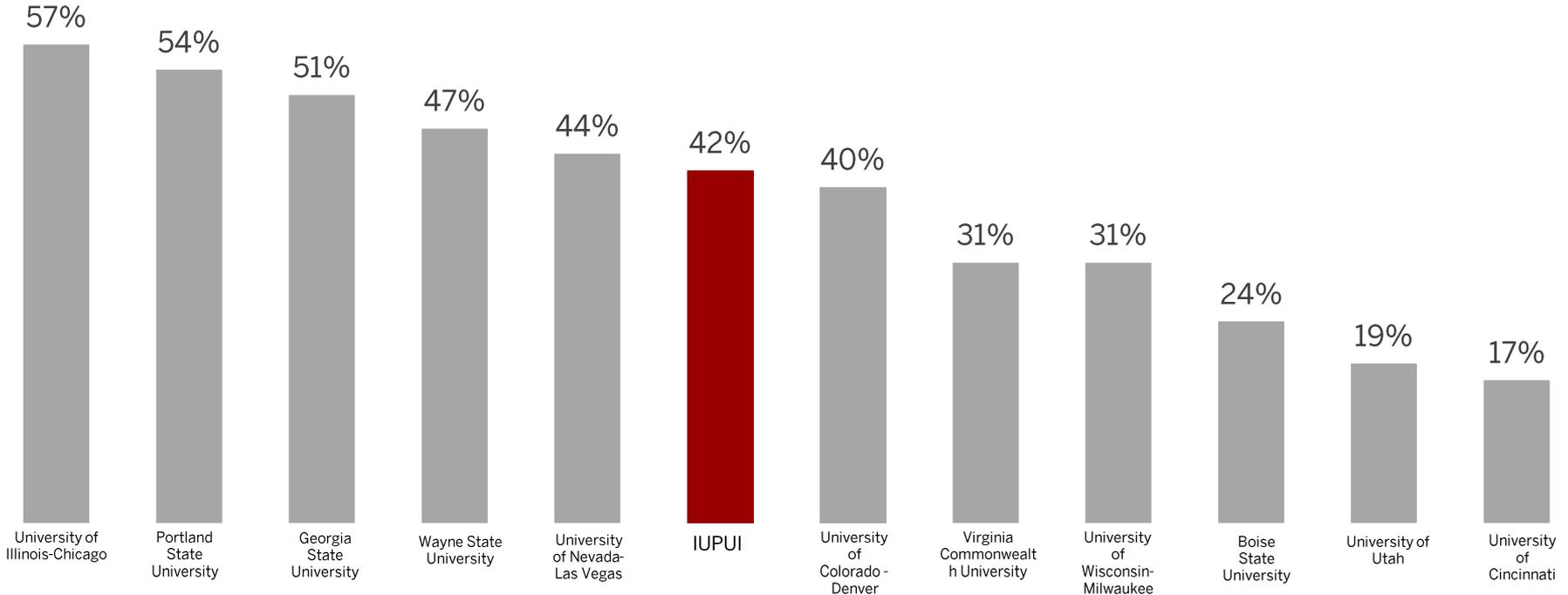
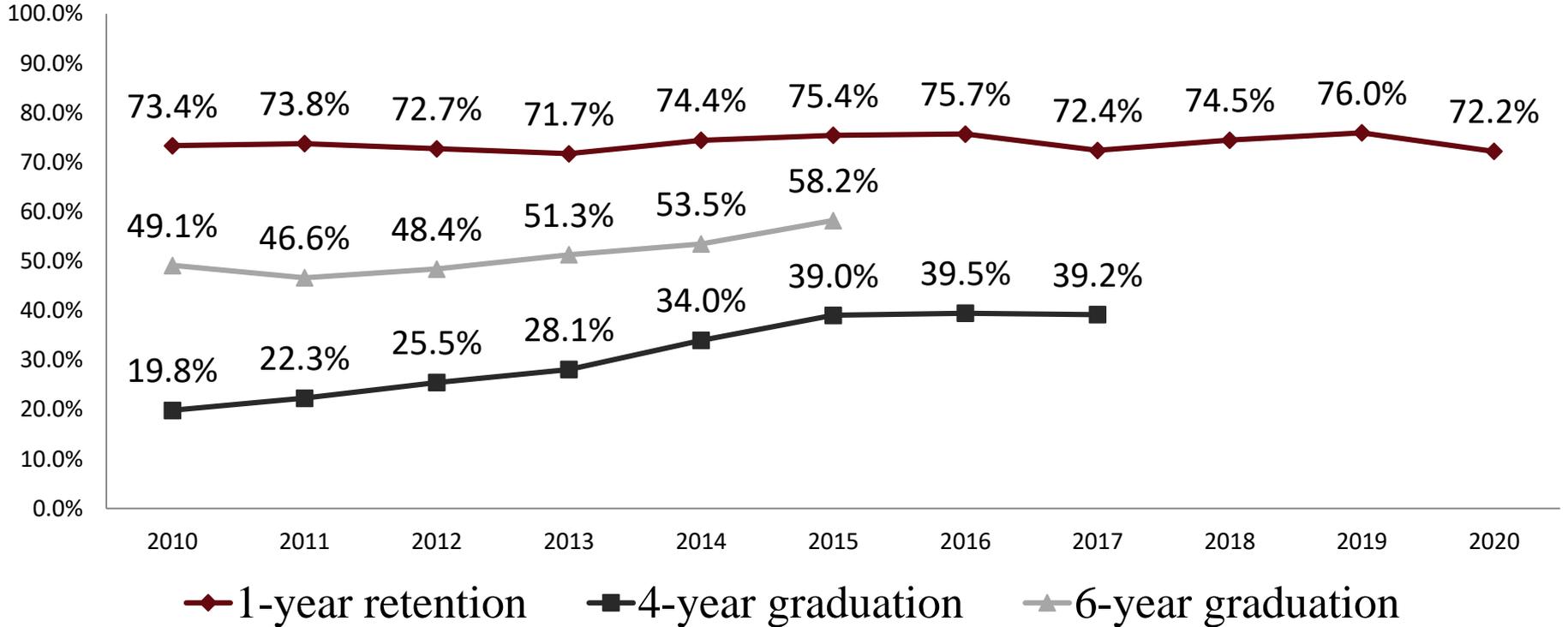# IUPUI and Peers 2020 FT Beginner Receiving Pell

Source: 2020 IPEDS

Top 10 Reasons Students Choose IUPUI

1. Availability of financial aid/scholarship

2. Academic quality

3. Availability of specific academic programs (majors)

4. Graduates get good jobs

5. Affordability

6. Focus on hands-on experiential learning (e.g., internships, service learning, and research projects)

7. Job, career, and internship opportunities available in Indianapolis while attending school.

8. Career and job opportunities available in Indianapolis while attending school

9. Welcoming campus
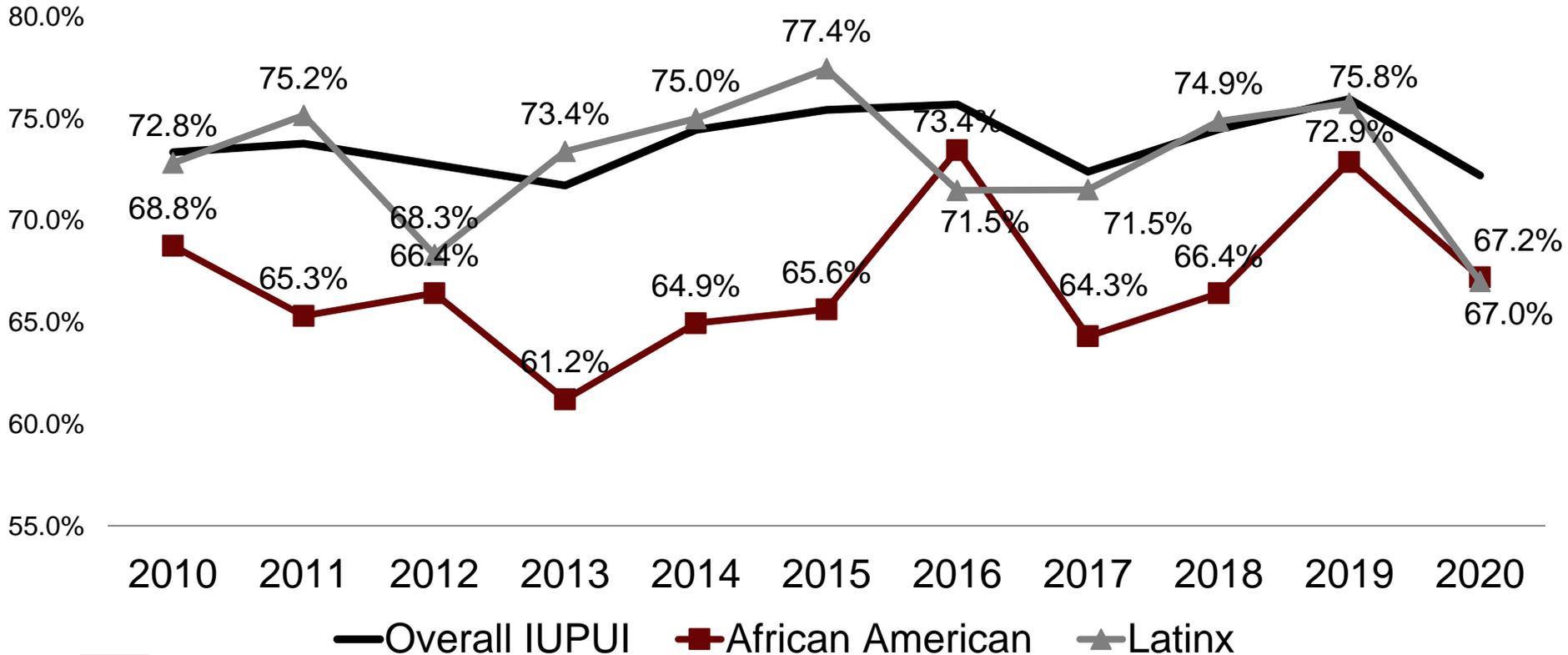
10. Opportunity for an IU or Purdue degree
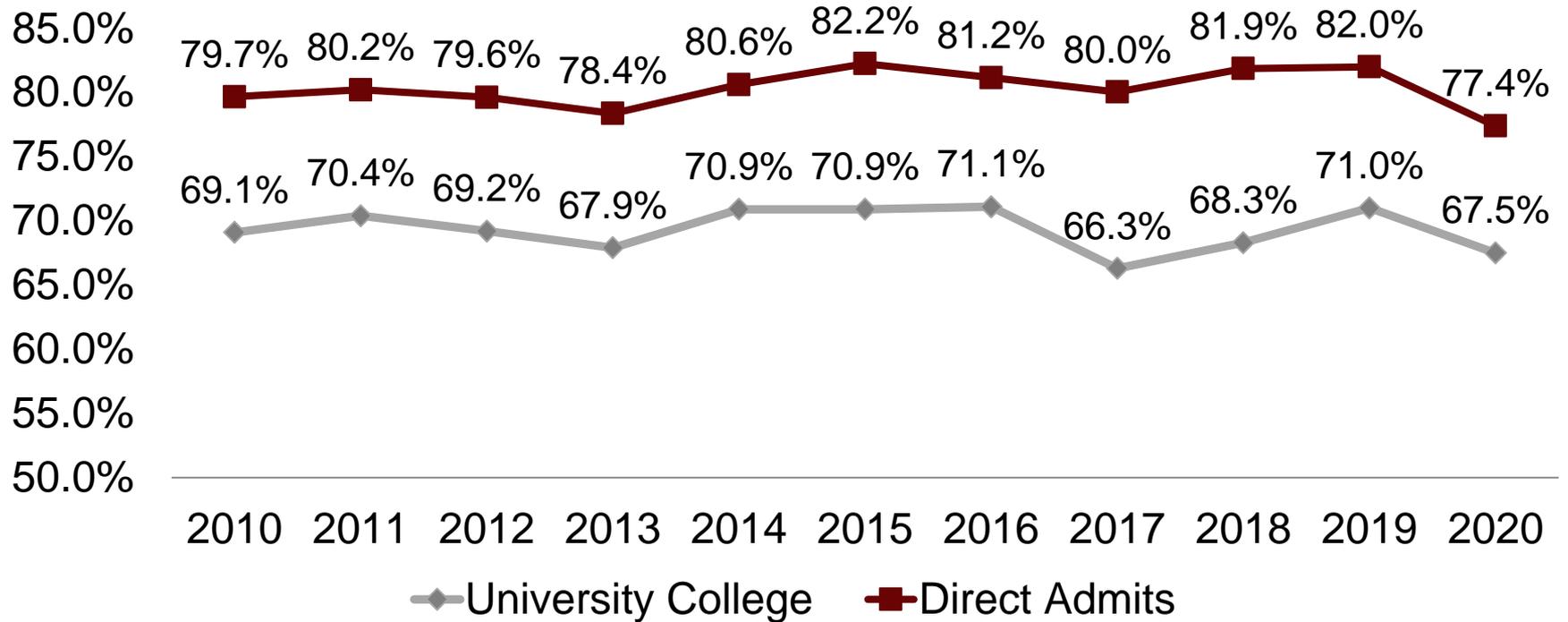
Student Success Outcomes and Experiences

Indianapolis Only First-Time, Full-Time Cohort Retention and Graduation Rate <u>Any IU Campus</u> (Bachelor's, Associate, and Certificate)

Indianapolis Only FTFT Cohort One-Year Retention <u>Any IU Campus</u> (Bachelor's, Associate, and Certificate) – African American and Latinx

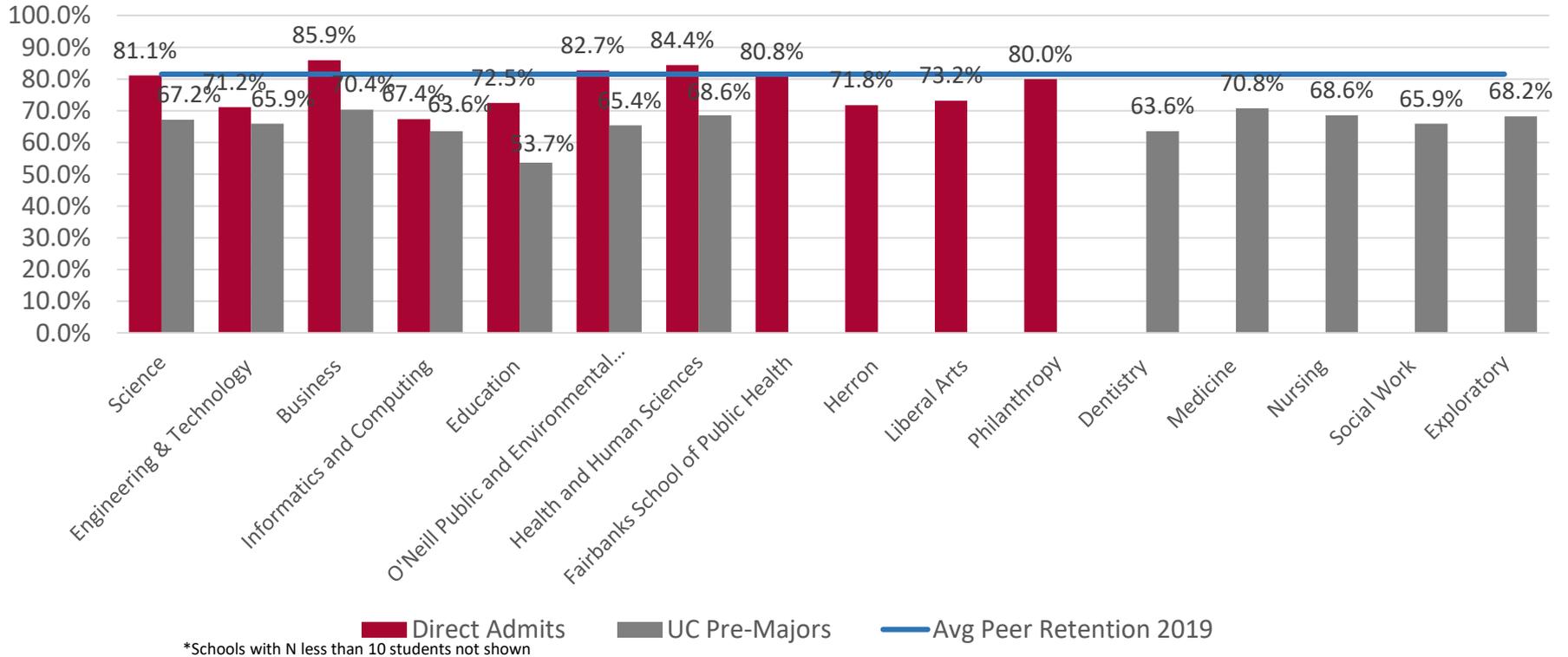**Indianapolis Only FTFT Cohort One-Year Retention Any IU (Bachelor's, Associate, and Certificate) – Admit Type**

2020 First-Time, Full-Time Beginners
One-Year Retention by School Compared to Average Peers Retention Rate

One-Year Retention – Retained at Any IU Campus

Schools with N less than 10 students not shown

Legend: **Direct Admits** | **UC Pre-Majors** | **Avg Peer Retention 2019**

Why Students Leave IUPUI

Getting an F in Gateway Courses

Finances; Difficulty Paying for College

Personal Emotional/Mental Health Issues

Low of Sense of Belonging

Factors Significantly Related to One-Year Retention

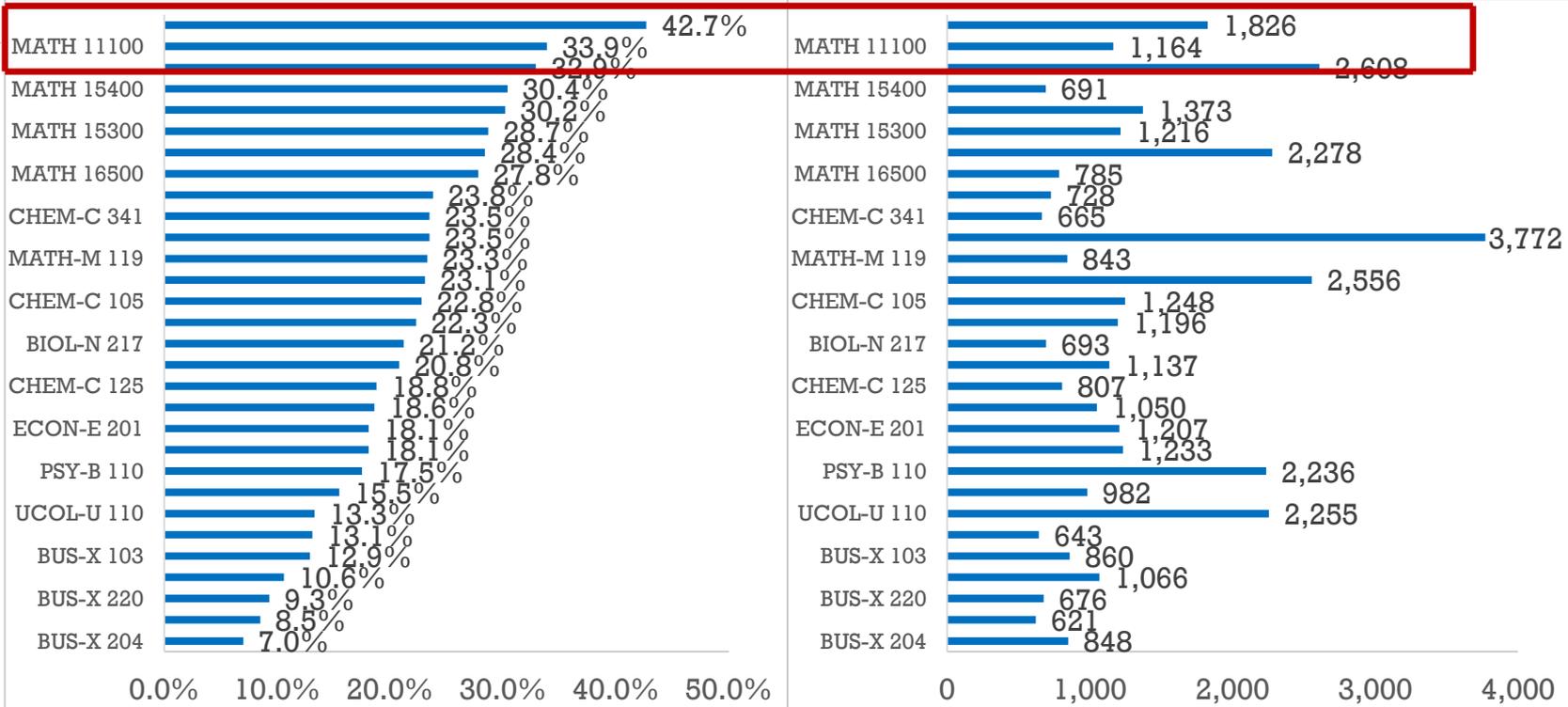| Student Group	N in Participant Group	Participants One-Year Retn IUPUI	NonParticipants One-Year Retn IUPUI
Placed into Developmental Math	1,350	**65%**	**73%**
Honors Student	167	**96%**	**71%**
Earned Pre-College Credit	2,160	**78%**	**64%**
Federal Pell Grant	1,464	**70%**	**74%**
Unmet Financial Need AY > 5,000	1,362	**62%**	**79%**
Registered Late for Classes	24	**54%**	**73%**
Earned at Least one F First Year	1197	**51%**	**83%**
Earned at Least one W First Year	1063	**60%**	**77%**
Earned below 2.00 Fall Math	904	**54%**	**83%**
Earned below 2.00 Fall English	196	**39%**	**78%**

- Among the top 30 volume courses by student enrollment, the courses with the highest DFW rates are **BIOL-N 261** (Human Anatomy), and **MATH 11100** (Algebra) and **MATH 11000** (Fundamentals of Algebra).
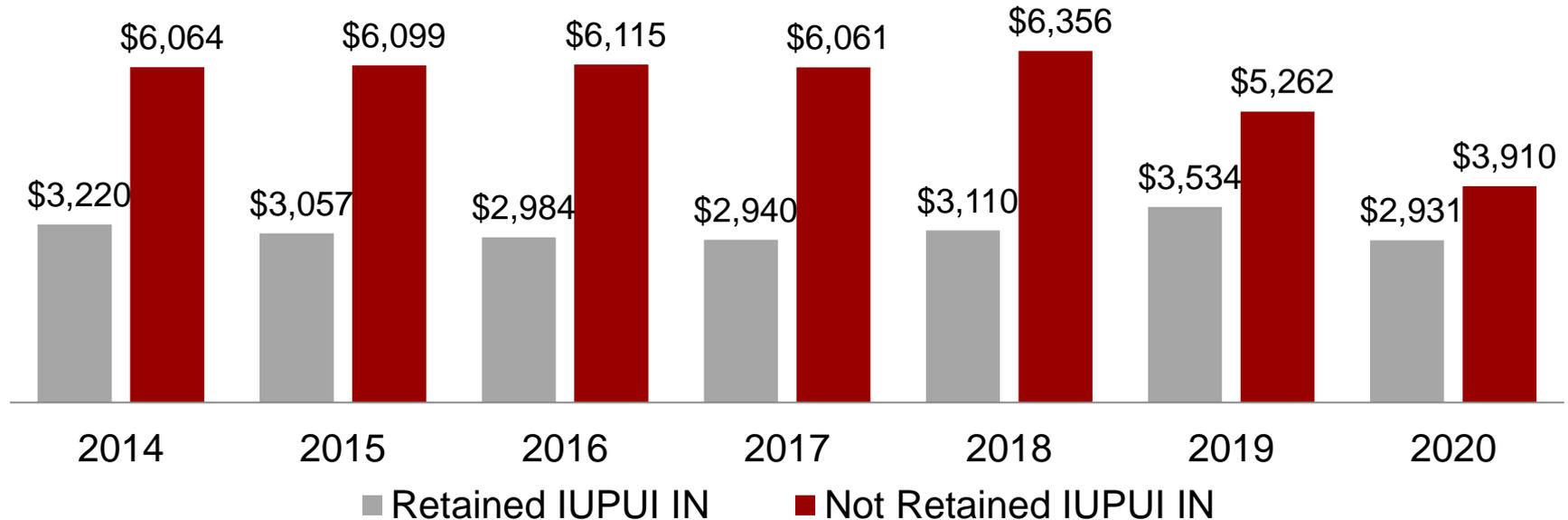
- The DFW rate measures the percentage of students who withdraw (W) from the course before the end of the session or who finish the course with a D (D+, D, D-) or F grade.

DFW Rates of Top 30 Courses by Student Enrollment Volume: Fall 2018, Fall 2019 and Fall 2020

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

Total Unmet Financial Need Academic Year Common Dataset Definition

- Retained IUPUI IN
- Not Retained IUPUI IN

2014: $3,220 / $6,064
2015: $3,057 / $6,099
2016: $2,984 / $6,115
2017: $2,940 / $6,061
2018: $3,110 / $6,356
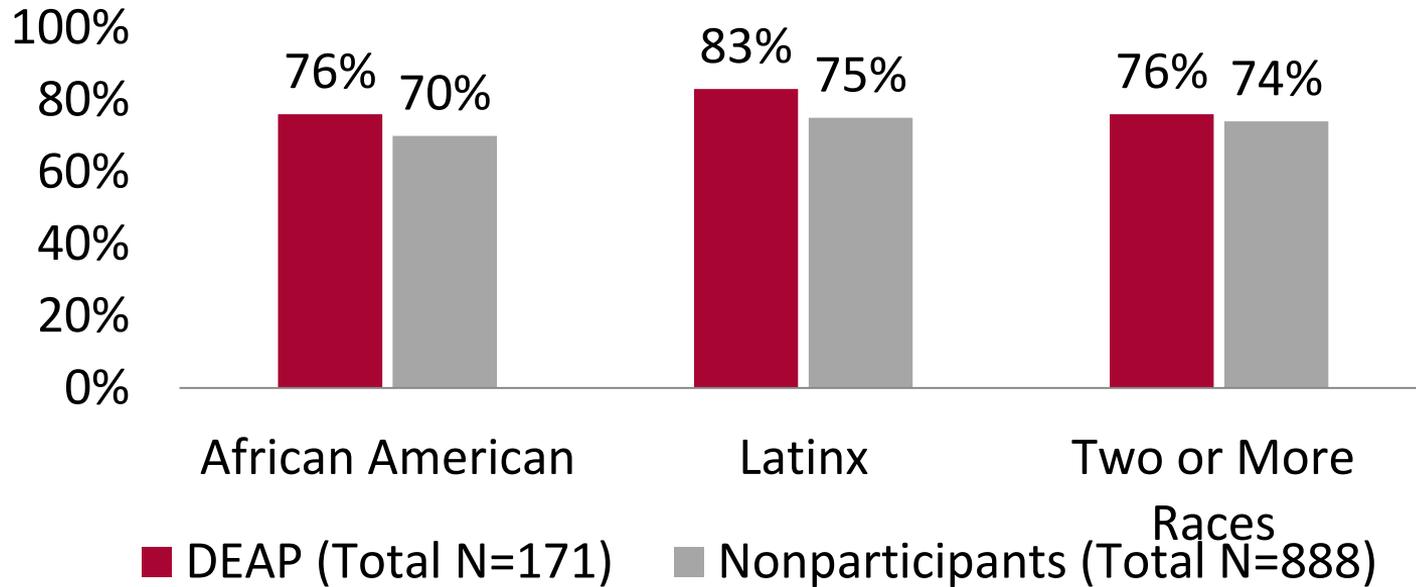2019: $3,534 / $5,262
2020: $2,931 / $3,910

Retained and Not Retained Ns (2014=2,123; 1000), (2015=2,183; 948), (2016=2,319; 997), (2017 = 2,270; 1,086), (2018 = 2,270; 947), (2019 = 2,423; 920), (2020=2,021; 891)

IUPUI

Diversity Enrichment and Achievement Program (DEAP) Retention

Fall-Fall Retention – Retained Any IU

African American: DEAP 76%, Nonparticipants 70%
Latinx: DEAP 83%, Nonparticipants 75%
Two or More Races: DEAP 76%, Nonparticipants 74%

Legend: DEAP (Total N=171), Nonparticipants (Total N=888)

Note 1: DEAP students also participate in living-learning communities and Summer Bridge.

Data-Supported Recommendations: The Classroom

- Many students get their sense of belonging from their experiences in the classroom. Therefore, it is important for instructors to provide opportunities for students to interact with other students so they can form friendships and supportive peer networks.

- Ensure we are creating inclusive learning environments. Along with this, create opportunities so that all faculty/instructors engage in professional development to enhance multicultural competence and inclusive teaching practices.

- Ensure all instructors are educated on how factors such as stereotypes, stereotype threat, implicit bias and more can have negative impacts on student success.

- Offer early graded assignments and monitor students' early performance. Students who earn Fs are at a high risk of not returning. Earning an F may have negative effects on students' self-efficacy expectations and create feelings of alienation.

- Make it an institutional priority to recruit, hire, and retain faculty of color.

- Provide academic support in first-year math courses and expedite enrollment in credit-bearing math courses.

Data-Supported Recommendations: Academic, Social, and Financial Support

- Implement early interventions to foster social and academic success (Student Engagement Roster, Proactive Advising, Weeks of Welcome, Orientation, DEAP, Summer Bridge). Expand Summer Bridge and Diversity, Enrichment, and Achievement Program (DEAP).

- Expand successful strategies: Summer Bridge, DEAP, Themed Learning Communities, Student Employment, and Campus Housing Opportunities.

- Create physical and social spaces (counter spaces) in which all students feel affirmed and valued, and have an opportunity to connect with one another.

- Conduct an audit review of all websites, physical spaces, communications, messages, policies, and photos that may make students feel isolated, not affirmed, and not valued.

- Continue to leverage need-based aid strategies so that students do not face financial struggles and hardships that affect academic performance and degree completion. Focus on closing the unmet financial need gap and explore awarding larger amounts to fewer students.

The Way We Communicate With Students Matters (e.g., Student Engagement Roster, Feedback on Assignments, Probation Letters)

Implement communication strategies to Foster Sense of Belonging and Growth Mindset. Encourage students to:

➤ Reflect. Take time to acknowledge, reflect, and embrace their failures. Becoming aware of their areas of improvement is the stepping stone in cultivating a growth mindset.

➤ Find their purpose. There are many ways for students to achieve their goals. Encourage students to take time to reflect and find their purpose.

➤ Take on challenges. Part of developing a growth mindset is shattering the negative perception of a challenge. Embrace challenges and view them as fruitful learning experiences that you would not get otherwise

➤ Foster grit. Grit is the ability to persevere through obstacles in order to reach a meaningful end-goals. Hold on to grit. It gives students the internal push to keep moving forward and fulfill their commitments.

➤ Jot down goals. Encourage students to create clear, realistic goals based on their passions and purpose. Important that students give themselves enough time to conquer them thoroughly. Normalize and encourage students to persist despite setbacks.

➤ Instructors, advisors, and peer mentors can provide useful timely, detailed feedback on students' learning and accomplishments. Also provide opportunities for students to repeatedly practice the skills they want to improve.

First-Time New Graduate/Professional Student Retention

1. Overall lose about 10-12% of students in First Year (average over 5 years)

   – Graduate Certificate lose about 30%

   – Masters Level lose about 13%

   – Doctoral-Research Lose about 10%

   – Doctoral-Practice Lose less than 5%

2. Overall lose about 5% in second year

3. Masters-Level African American One-Year Retention Rate 5-Year Average = 77.2% while Overall is 87.3%

4. Masters-Level Latinx One-Year Retention Rate 5-Year Average = 83.4% while Overall is 87.3%

5. Overall First-Generation Rate (87.5%) Lower than Non-First Generation Rate (91.4%)

https://irds.iupui.edu/data-link/index.html

Strategies to Support Graduate Professional Students

1. Increased communication and offers of support to graduate and professional students by school staff, faculty and the Graduate Office
2. Greater flexibility and compassion related to Graduate School and campus policies in terms of extending deadlines, waiving late fees, use of pass grades, and exceptions for revalidating courses to aid with degree completion and persistence
3. Graduate Office collaborations with Office Financial Aid – dedicated staff contact for our students and additional aid to students in need
4. Graduate Mentoring Center programming year-round to improve faculty mentoring skills and student communication
5. Preparing Future Faculty and Professionals Workshops focused on financial and time management, acquisition of skillsets for resiliency and professional development
6. Student organizations and events addressing social justice and promoting a sense of community – GPSG, UPnGO, Emissaries including Graduate and Professional Student Appreciation Week, WOW, Graduate Student Mixer
7. Extraordinary student support by campus staff and offices – OIA, CTL, Writing Center, ESL Tutoring/EAP, Student Advocacy and Support, Student Affairs, Financial Aid, Registrar, OEO, University and campus libraries, CAPS and the Graduate Office

IUPUI Check-In Survey

- Sent to all non-beginner students

  o 2,720 Undergraduate Respondents (20% Response Rate)

  o 1,931 Graduate/Professional Participants (24% RR)

- IRDS invited students through email

  o Surveys completed between Sept 16th and when the survey was closed on Oct 11th

Satisfaction in the Fall 2021 semester with…(Most Satisfied, UGRD)

	N	Mean	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied
				Percentages			
Opportunities to meet with advisors virtually rather than face-to-face	2,328	3.69	2.5	4.9	33.5	39.1	20.0
Access to computers or laptops on campus	2,323	3.68	1.3	3.2	37.9	40.9	16.6
General helpfulness of IUPUI staff	2,335	3.68	1.9	4.6	32.2	46.0	15.2
Quality of communications and updates from IUPUI	2,338	3.66	2.9	5.3	30.5	46.0	15.3
Frequency of communications and updates from IUPUI	2,335	3.65	2.8	5.8	31.1	44.6	15.7
Overall quality of instruction	2,340	3.58	2.8	10.4	26.5	46.5	13.9
Quality of your academic/learning experiences.	2,343	3.56	2.6	9.0	30.0	46.2	12.2

1=Very Dissatisfied, 2=Dissatisfied, 3=Neutral, 4=Satisfied, 5=Very Satisfied

Satisfaction in the Fall 2021 semester with… (Least Satisfied, UGRD)

	N	Mean	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied
			Percentages				
Your ongoing ability to afford college	2,332	3.06	9.1	18.8	37.6	25.9	8.6
Quality of food options on campus	2,331	3.12	7.5	14.3	44.8	25.7	7.7
Opportunities to engage in hands-on or engaged learning experiences (e.g. service learning, internships, undergraduate research)	2,338	3.24	4.0	13.9	45.0	28.1	9.0
Quality of your social experiences.	2,343	3.29	3.9	14.4	39.1	34.2	8.3
Access to high speed internet on campus	2,328	3.30	7.7	15.5	29.6	33.5	13.7
Level of meaningful work and assignments (e.g., no busy work)	2,338	3.35	5.4	15.7	30.1	15.7	5.4

1=Very Dissatisfied, 2=Dissatisfied, 3=Neutral, 4=Satisfied, 5=Very Satisfied

IUPUI

Satisfaction in the Fall 2021 semester with…(Most Satisfied, GRAD)

	N	Mean	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied
			Percentages				
Overall quality of instruction	1,542	3.83	1.4	6.9	21.4	48.0	22.2
Quality of your academic/learning experiences.	1,545	3.82	1.6	6.0	22.6	48.5	21.4
Quality of communications and updates from IUPUI	1,538	3.79	1.2	3.5	28.3	48.9	18.1
General helpfulness of IUPUI staff	1,534	3.78	1.9	3.2	30.3	44.5	20.1
Frequency of communications and updates from IUPUI	1,537	3.73	1.3	4.9	30.3	46.6	16.9
Quality of technology to promote learning in your classes	1,533	3.72	1.8	4.9	30.7	44.9	17.7
Opportunities to meet with advisors virtually rather than face-to-face	1,522	3.68	1.6	3.5	38.9	36.8	19.2

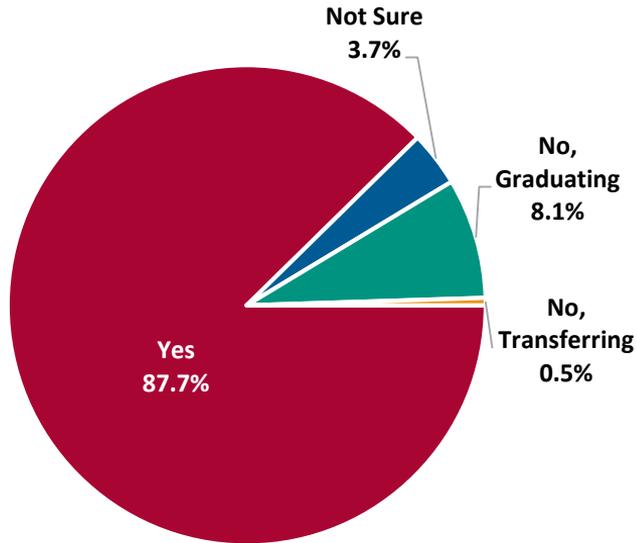1=Very Dissatisfied, 2=Dissatisfied, 3=Neutral, 4=Satisfied, 5=Very Satisfied

Satisfaction in the Fall 2021 semester with… (Least Satisfied, GRAD)

	N	Mean	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied
			Percentages				
Quality of food options on campus	1,522	3.18	4.9	9.9	55.5	21.9	7.8
Your ongoing ability to afford college	1,524	3.18	6.5	16.2	40.5	26.8	10.0
Quality of your social experiences.	1,545	3.39	2.4	11.3	41.0	35.3	9.9
IUPUI campus activities and events	1,529	3.39	1.4	5.0	56.5	27.1	10.0
Academic support services (e.g., coaching, tutoring, peer mentoring, and other)	1,525	3.40	2.6	6.6	50.4	28.9	11.6
Opportunities to join clubs/organizations	1,529	3.43	1.2	5.4	53.6	28.8	11.0

1=Very Dissatisfied, 2=Dissatisfied, 3=Neutral, 4=Satisfied, 5=Very Satisfied

Do you plan to reenroll at IUPUI next semester? (UGRD)

Not Sure
3.7%

No, Graduating
8.1%

No, Transferring
0.5%

Yes
87.7%

- Main reason given for "Not sure" or Transferring responses include:
  - Financial Reasons
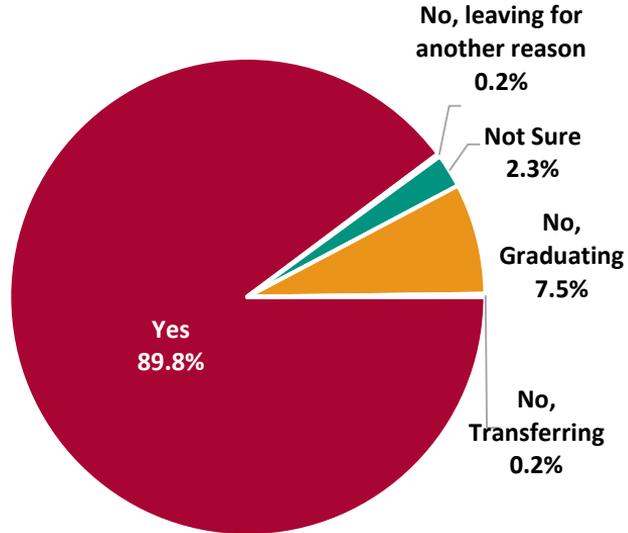 - Other School has major/degree not offered by IUPUI

IUPUI

Do you plan to reenroll at IUPUI next semester? (GRAD)

- Main reason given for "Not sure" or Leaving responses include:
  - Financial Reasons
  - Stress/Mental Health

Spring 2021 NSSE results

As a result of the COVID-19 pandemic, to what extent, if any, have you experienced an INCREASE in the following? – First-Year

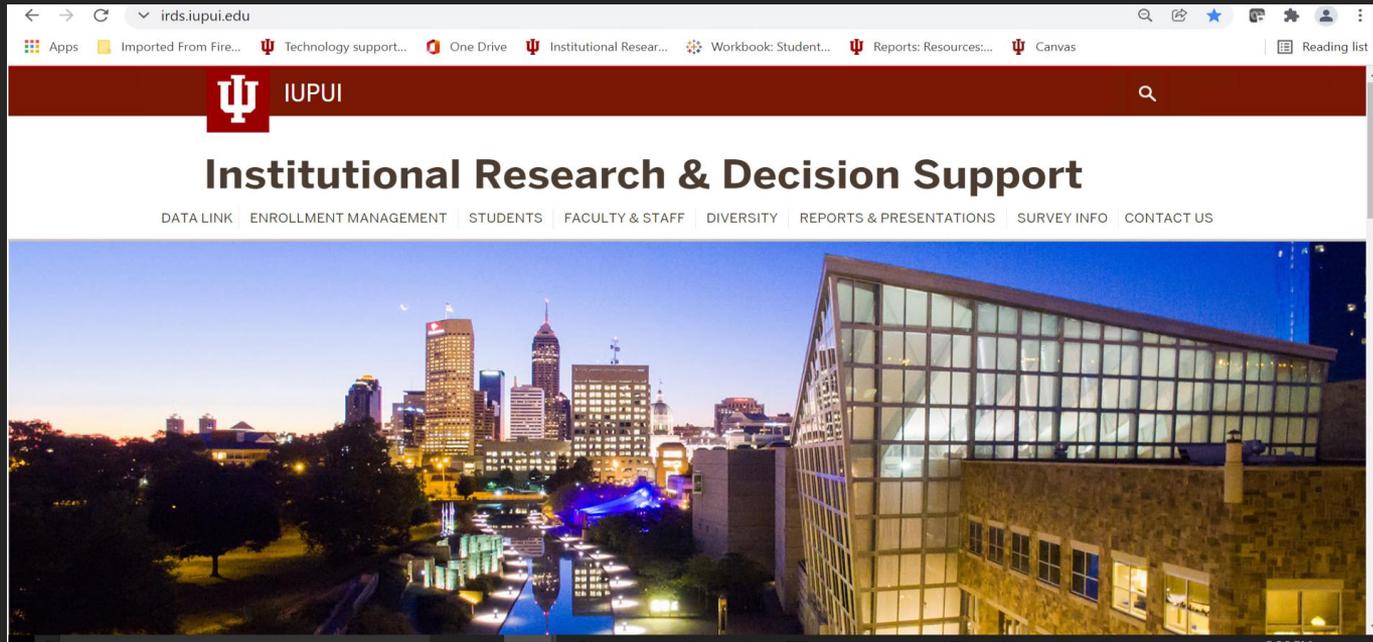| As a result of the COVID-19 pandemic, to what extent, if any, have you experienced an *INCREASE* in the following?	Indianapolis only		All IUPUI	All instituitions using COVID module
Mental or emotional stress	🔴	77.0%	🔴 75.2%	70.8%
Depression that interfered with daily functioning	🔴	52.2%	🔴 51.9%	43.9%
Anxiety that interferred with daily functioning	🔴	57.9%	🔴 56.9%	51.2%
Feeling hopeless about your current situation	🔴	46.8%	🔴 46.3%	39.0%
Inability to concentrate	🔴	61.0%	🔴 59.7%	52.3%
Difficulty sleeping	🔴	46.5%	🔴 45.3%	42.4%
Loneliness	🔴	53.0%	🔴 52.0%	48.0%

As a result of the COVID-19 pandemic, to what extent, if any, have you experienced an INCREASE in the following? – Senior

As a result of the COVID-19 pandemic, to what extent, if any, have you experienced an *INCREASE* in the following?	Indianapolis only		All IUPUI	All instituitions using COVID module
Mental or emotional stress	🔴	72.6%	🔴 72.8%	67.9%
Depression that interfered with daily functioning	🔴	46.9%	🔴 45.5%	41.1%
Anxiety that interferred with daily functioning	🔴	49.8%	🟡 49.2%	47.7%
Feeling hopeless about your current situation	🔴	38.3%	🔴 37.2%	34.0%
Inability to concentrate	🔴	53.5%	🔴 53.1%	48.9%
Difficulty sleeping	🟡	40.8%	🟡 39.8%	40.0%
Loneliness	🔴	41.4%	🔴 40.8%	38.8%

IRDS website

Contact Information

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