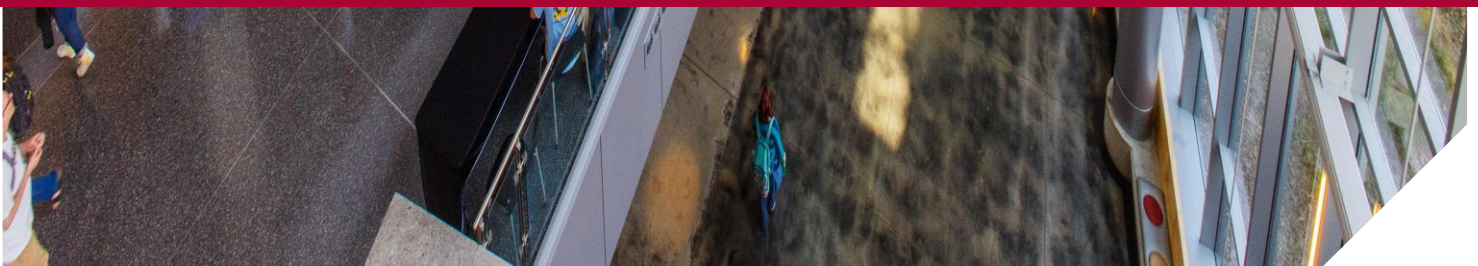




IUPUI

**School of Science
Beginning Freshmen
Entering Student Survey Report**

2017



Welcome to the 2017 IUPUI School of Science Entering Student Survey Report

The Entering Student Survey is a yearly survey administered during the first day of a student's orientation. The students are given the link to the survey during a dedicated block of time to ensure they have enough time to complete the survey. The survey is not required to be filled out, but students it is encouraged as some responses may be used to ensure they get information to resources to help them succeed in college. Of the 464 School of Science beginning freshmen direct admits in the 2017 cohort, 317 completed the Entering Student Survey (response rate of 68%). Of the 394 beginning freshmen Science pre-majors, 194 completed the Entering Student Survey (response rate of 53%).

IUPUI's Vision

To be a leading urban research institution recognized for the success of its students, its advances in health and life sciences, and its intellectual, economic, and cultural contributions to the well-being of the citizens of Indianapolis, the state of Indiana, and beyond.

Key Highlights Overall

- Compared to all other direct-admit students, School of Science **direct-admit students** were more likely to rate themselves higher on mathematical ability, writing ability, academic ability, and study skills, chose a major because “high school class or college classes sparked my interest”, and chose IUPUI because of the “availability of financial aid/scholarships.”
- Compared to all other University College pre-major students, School of Science **pre-major** students more likely to rate themselves higher on self-confidence (related to intellectual or social activities), and work on a research project with a professor.
- Compared to all School of Science pre-major students, School of Science **direct-admit** students were less likely to rate themselves high on their ability to work with other that are different than you, and more likely to work on a research project with a professor.
- **94%** of Science direct-admit respondents agree that the **IUPUI campus is welcoming.**
- **87%** of direct-admit respondents agree that **they are proud to tell other they go to school at IUPUI.**
- Direct-admit respondents rated themselves highest on ‘**Academic ability**’ and lowest on ‘**Study skills**’ when comparing themselves to others their age.
- **60%** of direct-admit respondents have ‘Some’ concerns about **their ability to finance their college education.**
- **51%** of direct-admit respondents plan to **work at least 1 hour for pay off campus,** with about 20% of respondents planning to work over 15 hours off campus.
- The top 3 reasons direct-admit respondents decided to attend IUPUI were ‘Availability of financial aid/scholarship’, ‘Availability of specific academic programs (majors)’, and ‘Job, career, and internship opportunities available in Indianapolis while attending school’.
- Science pre-major respondents rated themselves highest on ‘**Academic Ability**’.
- **63%** of pre-majors have ‘Some’ concerns about their ability to finance college education.
- For Science pre-major respondents that have chosen a major the most important factor was the major aligning with their interest.

SCHOOL OF SCIENCE SURVEY RESPONDENTS
DEMOGRAPHICS

Residency	Science Direct Admits		Science Pre-Major	
	N	Percentage	N	Percentage
Indiana Resident	284	89.6	343	93.0
Non-Resident	33	10.4	26	7.0
Gender				
Female	183	57.7	246	66.7
Male	134	42.3	123	33.3
Age				
Under 19	314	99.1	351	95.1
20-25	3	0.9	18	4.9
Over 25	0	0.0	0	0.0
Ethnicity				
White	232	73.4	202	55.0
Hispanic/Latino	32	10.1	44	12.0
Black/African American	11	3.5	56	15.3
American Indian/Alaska Native	0	0.0	0	0.0
Asian	26	8.2	29	7.9
Native Hawaiian/Pacific Island	0	0.0	0	0.0
International	3	0.9	9	2.5
Two or More Races	45	5.4	27	7.4
Financial Information				
Received Pell Grant first Fall semester (preliminary)	95	30.0	187	50.7
Housing				
Living On-Campus	153	48.3	129	35.0

KEY HIGHLIGHTS IN COMPARISONS BETWEEN SCHOOL OF SCIENCE DIRECT ADMIT RESPONDENTS AND ALL OTHER BEGINNING FRESHMEN DIRECT-ADMIT RESPONDENTS

A means comparison analysis was conducted between the 2017 School of Science direct-admit respondents and all other 2017 beginning freshmen direct-admit respondents who took the Entering Student Survey. For four areas of questions a construct was formed to better analyze differences between the two groups. One of the four constructs was significant at the .05 level.

Construct	Science Direct-Admits Mean	All Other Direct-Admits Mean
Consistency of Interest	2.53	2.65
Organizational Commitment	5.66	5.64
Sense of Belonging	5.63	5.68
Perseverance of Effort	4.03	4.01

Bolded items are significant based on independent samples t-test results ($p < .05$)

The following tables include only the items from each section which are significant based on independent samples t-test results. All items are significant at the $p < .05$ level while others are significant at the $p < .01$ or $p < .001$ level as indicated.

Independent Sample T-test of Significance between 2017 School of Science Direct-Admit Respondents and all other 2017 Direct-Admit Respondents	Science Direct-Admits Mean	All Other Direct-Admits Mean
Comparisons of Traits to Other Students¹		
Academic ability***	4.16	3.87
Mathematical ability***	3.84	3.50
Writing ability**	3.67	3.52
Study Skills	3.32	3.18
Motivation for college work**	3.99	3.86
Anticipated Success and Involvement²		
Participate in student clubs/groups***	3.46	3.28
Participate in events or activities on campus***	3.48	3.34
Participate in service learning or community service***	3.21	3.01
Work on a research project with a professor***	3.34	3.05
Participate in study abroad or international travel related to school	2.88	2.72

¹ 1=Lowest 10%, 2=Below Average, 3=Average, 4=Above Average, 5=Highest 10%

² 1=No Chance, 2=Very Little Chance, 3=Some Chance, 4=Very Good Chance

= $p < .01$ *= $p < .001$

Independent Sample T-test of Significance between 2017 School of Science Direct-Admit Respondents and all other 2017 Direct-Admit Respondents	Science Direct-Admits % Over 15 hours	All Other Direct-Admits % Over 15 hours
Hours Spent on Activities		
Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing and other academic activities)***	67.4	56.8
Working for pay on campus***	8.9	21.6
Working for pay off campus***	18.5	24.6
Commuting to class (driving, walking, etc.)	7.6	10.6
Providing care for dependents living with you (parents, children, spouse, etc.)	1.9	3.6
Taking care of household responsibilities	3.1	5.4

2017 Entering Student Survey

Independent Sample T-test of Significance between 2017 School of Science Direct-Admit Respondents and all other 2017 Direct-Admit Respondents	Science Direct-Admits Mean	All Other Direct-Admits Mean
Decisions to Attend IUPUI¹		
Cost	3.90	3.73
Graduates get good jobs	3.85	4.00
Availability of financial aid/scholarship	4.09	3.92
A visit to campus***	2.96	3.21
Advisor or guidance counselor recommendation	1.98	2.21

¹ 1= Not Important, 2=Somewhat Important, 3=Moderately Important, 4=Very Important, 5=Extremely Important
 =p<.01 *=p<.001

Independent Sample T-test of Significance between 2017 School of Science Direct-Admit Respondents and all other 2017 Direct-Admit Respondents	Science Direct-Admits Mean	All Other Direct-Admits Mean
Reasons for Choosing Major¹		
Starting salaries are high	3.86	3.69
Good grades in previous courses**	3.97	3.80
High school classes or college classes that spark my interest or awareness***	4.13	3.94
IUPUI specific communications that sparked my interest or awareness***	2.67	3.90
Advisor or guidance counselor recommendation***	2.30	2.59
My friends recommendation*	2.30	2.52

¹ 1= Not Important, 2=Somewhat Important, 3=Moderately Important, 4=Very Important, 5=Extremely Important
 =p<.01 *=p<.001

Top 10 Factors in Choosing IUPUI					
School of Science Direct-Admits			All Other Direct-Admits		
	N	Mean		N	Mean
Availability of financial aid/scholarship	308	4.08	Availability of specific academic programs (majors)	797	4.15
Availability of specific academic programs (majors)	307	4.07	Graduates get good jobs	799	4.00
Job, career, and internship opportunities available in Indianapolis while attending school	309	4.03	Job, career, and internship opportunities available in Indianapolis while attending school	797	3.95
Career and job opportunities available in Indianapolis after I complete my degree	309	3.93	Career and job opportunities available in Indianapolis after I complete my degree	798	3.93
Opportunity for and IU or Purdue Degree	309	3.91	Availability of financial aid/scholarship	798	3.92
Cost	309	3.90	Opportunity for and IU or Purdue Degree	799	3.87
Graduates get good jobs	309	3.85	Cost	799	3.73
IUPUI's reputation	309	3.53	IUPUI's reputation	795	3.53
Social Climate/Activities at the College	309	3.34	Social Climate/Activities at the College	795	3.35
Social opportunities associated with IUPUI located in city of Indianapolis	308	3.27	Social opportunities associated with IUPUI located in city of Indianapolis	806	3.34

1=Not Important, 2=Somewhat Important, 3=Moderately Important, 4=Very Important, 5=Extremely Important

**KEY HIGHLIGHTS IN COMPARISONS
BETWEEN SCHOOL OF SCIENCE PRE-MAJOR RESPONDENTS
AND ALL OTHER PRE-MAJOR RESPONDENTS**

A means comparison analysis was conducted between the 2017 School of Science pre-major respondents and all of the other 2017 pre-major respondents who took the Entering Student Survey. For four areas of questions a construct was formed to better analyze differences between the two groups. None of the four constructs were significant at the .05 level.

Construct	Science Pre-Majors Mean	All Other Pre-Majors Mean
Consistency of Interest	2.51	2.58
Organizational Commitment	5.68	5.79
Sense of Belonging	5.62	5.71
Perseverance of Effort	4.04	4.06

Bolded items are significant based on independent samples t-test results ($p < .05$)

The following tables include only the items from each section which are significant based on independent samples t-test results. All items are significant at the $p < .05$ level while others are significant at the $p < .01$ or $p < .001$ level as indicated.

Independent Sample T-test of Significance between 2017 School of Science Pre-Major Respondents and all other 2017 Pre-Major Respondents	Science Pre-Majors Mean	All Other Pre-Majors Mean
Comparisons of Traits to Other Students¹		
Ability to work with others that are different from you	3.85	4.01
Self-confidence (related to intellectual or social activities)	3.42	2.59

¹ 1=Lowest 10%, 2=Below Average, 3=Average, 4=Above Average, 5=Highest 10%

= $p < .01$ *= $p < .001$

Independent Sample T-test of Significance between 2017 School of Science Pre-Major Respondents and all other 2017 Pre-Major Respondents	Science Pre-Majors Mean	All Other Pre-Majors Mean
Anticipated Success and Involvement¹		
Experience feelings of homesickness	2.06	2.23
Work on a research project with a professor**	3.24	3.11

¹ 1=No Chance, 2=Very Little Chance, 3=Some Chance, 4=Very Good Chance

² 1= Not Important, 2=Somewhat Important, 3=Moderately Important, 4=Very Important, 5=Extremely Important

= $p < .01$ *= $p < .001$

Independent Sample T-test of Significance between 2017 School of Science Direct-Admit Respondents and all other 2017 Direct-Admit Respondents	Science Pre-Majors % Over 15 hours	All Other Pre-Majors % Over 15 hours
Hours Spent on Activities		
Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing and other academic activities)	61.6	56.8

2017 Entering Student Survey

Independent Sample T-test of Significance between 2017 School of Science Pre-Major Respondents and all other 2017 Pre-Major Respondents	Science Pre-Majors Mean	All Other Pre-Majors Mean
Reasons for Choosing Major¹		
My parents/relatives recommendation***	2.87	3.18
My friends recommendation	2.68	2.90
Academic Future		
What is the highest college degree you expect to obtain?	3.61	3.33

¹ 1= Not Important, 2=Somewhat Important, 3=Moderately Important, 4=Very Important, 5=Extremely Important

² 1=Campus housing, 2=Off campus in downtown Indianapolis, 3=Off campus within 15 miles, 4=Off campus more than 15 miles away

³ 1=None, 2=Small, 3=Moderate, 4=High, 5=Very High

=p<.01 *=p<.001

Top 10 Factors in Choosing IUPUI					
School of Science Pre-Majors	N	Mean	All Other Pre-Majors	N	Mean
Opportunity for an IU or Purdue Degree	187	4.10	Graduates get good jobs	896	4.10
Availability of financial aid/scholarship	186	4.09	Availability of specific academic programs (majors)	895	4.07
Job, career, and internship opportunities available in Indianapolis while attending school	187	4.05	Opportunity for an IU or Purdue Degree	898	4.04
Career and job opportunities available in Indianapolis after I complete my degree	187	4.04	Career and job opportunities available in Indianapolis after I complete my degree	898	4.04
Graduates get good jobs	186	4.03	Job, career, and internship opportunities available in Indianapolis while attending school	900	3.99
Availability of specific academic programs (majors)	186	4.01	Availability of financial aid/scholarship	894	3.96
IUPUI's reputation	185	3.72	IUPUI's reputation	894	3.79
Cost	187	3.67	Cost	895	3.77
Social Climate/Activities at the College	187	3.58	Social Climate/Activities at the College	897	3.55
Social opportunities associated with IUPUI located in city of Indianapolis	188	3.31	Social opportunities associated with IUPUI located in city of Indianapolis	902	3.44

¹1=Not Important, 2=Somewhat Important, 3=Moderately Important, 4=Very Important, 5=Extremely Important

**KEY HIGHLIGHTS IN COMPARISONS BETWEEN
SCHOOL OF SCIENCE DIRECT-ADMIT RESPONDENTS
AND SCHOOL OF SCIENCE PRE-MAJOR RESPONDENTS**

A means comparison analysis was conducted between the 2017 School of Science direct-admit respondents and the 2017 School of Science pre-major respondents who took the Entering Student Survey. For four areas of questions a construct was formed to better analyze differences between the two groups. None of the four constructs were significant at the .05 level.

Construct	Science Direct-Admits Mean	Science Pre-Majors Mean
Consistency of Interest	2.51	2.58
Organizational Commitment	5.68	5.79
Sense of Belonging	5.62	5.71
Perseverance of Effort	4.04	4.06

Bolded items are significant based on independent samples t-test results ($p < .05$)

The following tables include only the items from each section which are significant based on independent samples t-test results. All items are significant at the $p < .05$ level while others are significant at the $p < .01$ or $p < .001$ level as indicated.

Independent Sample T-test of Significance between 2017 School of Science Direct-Admit Respondents and 2017 School of Science Pre-Major Respondents	Science Direct-Admits Mean	Science Pre-Majors Mean
Comparisons of Traits to Other Students¹		
Ability to work with others that are different from you	3.85	4.01
Self-confidence (related to social activities)	3.42	3.59

¹ 1=Lowest 10%, 2=Below Average, 3=Average, 4=Above Average, 5=Highest 10%
= $p < .01$ *= $p < .001$

Independent Sample T-test of Significance between 2017 School of Science Direct-Admit Respondents and 2017 School of Science Pre-Major Respondents	Science Direct-Admits % Over 15 hours	Science Pre-Majors % Over 15 hours
Hours Spent on Activities		
Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing and other academic activities)	67.4	61.6

= $p < .01$ *= $p < .001$

Independent Sample T-test of Significance between 2017 School of Science Direct-Admit Respondents and 2017 School of Science Pre-Major Respondents	Science Direct-Admits Mean	Science Pre-Majors Mean
Anticipated Success and Involvement¹		
Experience feelings of homesickness	2.06	2.23
Work on research project with a professor**	3.24	3.11

¹ 1=No Chance, 2=Very Little Chance, 3=Some Chance, 4=Very Good Chance
= $p < .01$ *= $p < .001$

2017 Entering Student Survey

Independent Sample T-test of Significance between 2017 School of Science Direct-Admit Respondents and 2017 School of Science Pre-Major Respondents	Science Direct-Admits Mean	Science Pre-Majors Mean
Reasons for Choosing Major¹		
My parents/relatives recommendation	2.87	3.18
Academic Future²		
What is the highest college degree you expect to obtain?	3.61	3.33

¹ 1= Not Important, 2=Somewhat Important, 3=Moderately Important, 4=Very Important, 5=Extremely Important

² 1=None, 2=Small, 3=Moderate, 4=High, 5=Very High

=p<.01 *=p<.000

Top 10 Factors in Choosing IUPUI					
School of Science Direct-Admits	N	Mean	School of Science Pre-Majors	N	Mean
Availability of financial aid/scholarship	308	4.08	Opportunity for an IU or Purdue Degree	187	4.10
Availability of specific academic programs (majors)	307	4.07	Availability of financial aid/scholarship	186	4.09
Job, career, and internship opportunities available in Indianapolis while attending school	309	4.03	Job, career, and internship opportunities available in Indianapolis while attending school	187	4.05
Career and job opportunities available in Indianapolis after I complete my degree	309	3.93	Career and job opportunities available in Indianapolis after I complete my degree	187	4.04
Opportunity for an IU or Purdue Degree	309	3.91	Graduates get good jobs	186	4.03
Cost	309	3.90	Availability of specific academic programs (majors)	186	4.01
Graduates get good jobs	309	3.85	IUPUI's reputation	185	3.72
IUPUI's reputation	309	3.53	Cost	187	3.67
Social Climate/Activities at the College	309	3.34	Social Climate/Activities at the College	187	3.58
Social opportunities associated with IUPUI located in city of Indianapolis	308	3.27	Social opportunities associated with IUPUI located in city of Indianapolis	188	3.31

1=Not Important, 2=Somewhat Important, 3=Moderately Important, 4=Very Important, 5=Extremely Important

SCHOOL OF SCIENCE DIRECT ADMITS
DEMOGRAPHICS

Residency	School of Science Direct Admit Respondents		All School of Science Direct Admits	
	N	Percentage	N	Percentage
Indiana Resident	284	89.6	415	89.4
Non-Resident	33	10.4	49	10.6
Gender				
Female	183	57.7	273	58.8
Male	134	42.3	191	41.2
Age				
Under 19	314	99.1	458	98.7
20-25	3	0.9	5	1.1
Over 25	0	0.0	1	0.2
Ethnicity				
White	232	73.4	326	70.4
Hispanic/Latino	32	10.1	51	11.0
Black/African American	11	3.5	19	4.1
American Indian/Alaska Native	0	0.0	0	0.0
Asian	26	8.2	35	7.6
Native Hawaiian/Pacific Island	0	0.0	0	0.0
International	3	0.9	13	2.8
Two or More Races	12	3.8	19	4.1
Financial Information				
Received Pell Grant first Fall semester (preliminary)	95	30.0	156	33.6
Housing				
Living On-Campus	153	48.3	210	45.3

2017 Entering Student Survey

SENSE OF BELONGING

Please rate how much you agree with each statement									
	N	Mean	Strongly Disagree	Moderately Disagree	Slightly Disagree	Neither Disagree nor Agree	Slightly Agree	Moderately Agree	Strongly Agree
	<i>Percentages</i>								
The IUPUI campus community has made me feel welcomed	316	6.27	1.6	0.9	0.3	3.2	20.2	7.9	65.9
I feel a sense of belonging to IUPUI	317	5.72	0.9	1.6	0.6	9.5	36.0	11.7	39.7
I see myself as part of the IUPUI community	316	5.70	1.9	2.2	0.9	9.5	30.4	14.6	40.5
I feel that I fit right in on campus	317	5.63	0.6	2.5	1.6	9.5	35.3	15.5	35.0
I feel that I am a member of the IUPUI community	317	5.55	1.3	1.6	1.3	12.6	36.6	13.2	33.4
I feel connected with other IUPUI students	317	5.54	1.6	2.8	2.2	10.4	31.9	18.9	32.2

1=Strongly Disagree, 2=Moderately Disagree, 3=Slightly Disagree, 4= Neither Disagree nor Agree, 5= Slightly Agree, 6=Moderately Agree, 7=Strongly Agree

Rank ordered by means

COMMITMENT TO IUPUI

Please rate how much you agree with each statement									
	N	Mean	Strongly Disagree	Moderately Disagree	Slightly Disagree	Neither Disagree nor Agree	Slightly Agree	Moderately Agree	Strongly Agree
	<i>Percentages</i>								
I am proud to tell others I am going to school here	316	5.99	0.0	1.3	1.6	9.8	23.4	11.7	52.2
I am extremely glad that I chose IUPUI over other colleges	316	5.84	0.9	0.6	2.5	11.7	23.4	14.6	46.2
I feel a sense of IUPUI jaguar pride	316	5.69	0.6	1.9	2.2	13.9	24.7	17.7	38.9
It is important for me to graduate from IUPUI (e.g., rather than from another college)	316	5.68	1.9	3.2	4.1	13.6	18.7	10.1	48.4
IUPUI was my first choice of colleges that I was accepted to or considered applying to	316	5.08	6.6	9.5	10.4	7.3	16.1	8.9	41.1

1=Strongly Disagree, 2=Moderately Disagree, 3=Slightly Disagree, 4= Neither Disagree nor Agree, 5= Slightly Agree, 6=Moderately Agree, 7=Strongly Agree

Rank ordered by means

SENSE OF GRIT AND PERSEVERANCE

Please rate how true each statement is about you

	N	Mean	1-Not at all like me	2	3 <i>Percentages</i>	4	5-Very much like me
I am a hard worker ¹	315	4.43	1.3	0.0	10.2	31.4	57.1
I am diligent ¹	315	4.22	1.3	0.3	18.4	35.2	44.8
I finish whatever I begin ¹	315	3.92	2.2	6.7	22.9	33.0	35.2
Setbacks don't discourage me ¹	314	3.56	2.2	15.0	28.3	33.4	21.0
New ideas and projects sometimes distract me from previous ones ²	315	2.94	12.7	21.9	34.3	21.3	9.8
I have difficulty maintaining my focus on projects that take more than a few months to complete ²	316	2.52	23.7	30.7	23.4	14.6	7.6
I often set a goal but later choose to pursue a different one ²	316	2.37	23.1	34.5	29.1	9.2	4.1
I focus on a certain idea or project for a short time but lose interest later ²	315	2.28	26.7	35.6	25.1	8.3	4.4

1=Not at all like me, 2=2, 3=3, 4=4, 5=Very much like me

¹ These 4 items make up the Perseverance of Effort construct analyzed in the comparison section of the report

¹ A lower mean on Consistency of Interest indicates higher GRIT consistency of effort.

² These 4 items make up the Consistency of Interest construct analyzed in the comparisons section of the report

Rank ordered by means

¹ Duckworth, A. L. & Quinn, P. D. (2009). Development and validation of the Short Grit Scale (Grit-S). *Journal of Personality Assessment*, 91(2), 166-174.



SELF-EFFICACY RATINGS

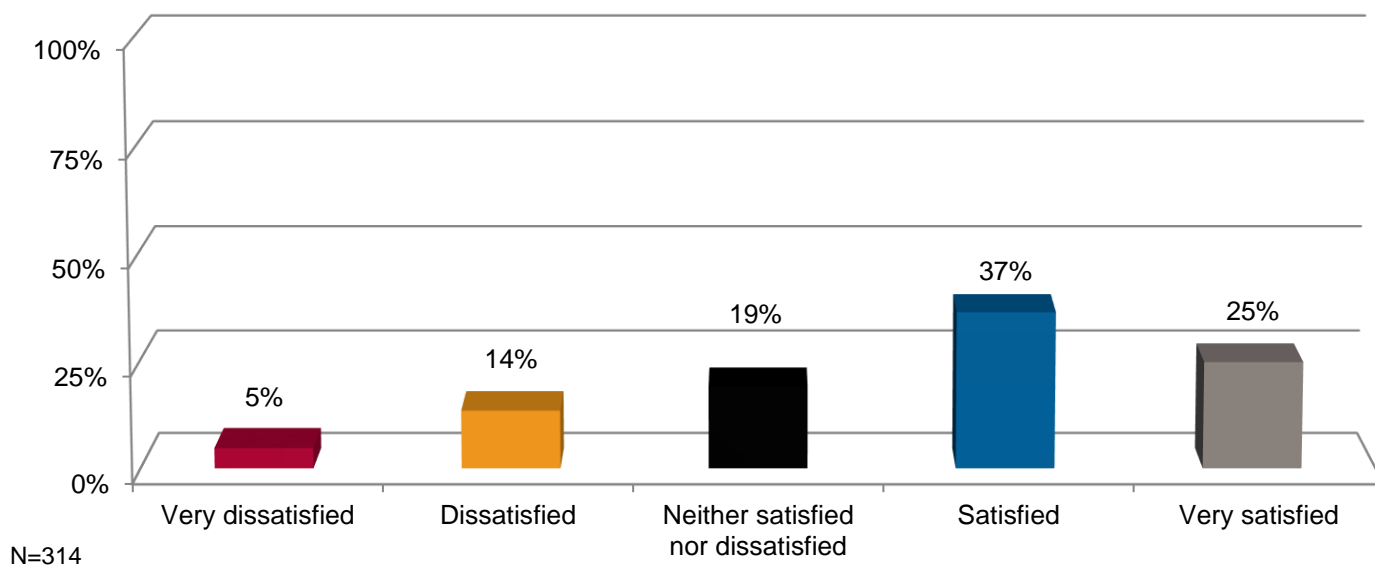
Rate yourself on each of the following traits as compared to the average person your age. We want the most accurate estimate of how you see yourself

	N	Mean	Lowest 10%	Below Average	Average	Above Average	Highest 10%
					<i>Percentages</i>		
Academic ability	314	4.16	0.0	0.3	12.4	58.3	29.0
Motivation for college work	313	3.99	0.0	1.6	24.9	46.0	27.5
Ability to work with other that are different from you	313	3.95	0.6	3.5	24.3	43.5	28.1
Mathematical ability	314	3.84	0.6	5.7	22.9	50.0	20.7
Self-confidence (related to intellectual or academic activities)	312	3.77	1.3	6.7	27.2	43.6	21.2
Leadership ability	314	3.73	1.3	7.6	28.0	43.3	19.7
Writing ability	313	3.67	0.3	5.1	37.1	42.5	15.0
Physical health	313	3.63	1.6	8.0	37.4	31.6	21.4
Ability to seek out appropriate academic help	314	3.56	1.3	11.5	35.0	34.4	17.8
Ability to manage finances	314	3.55	2.2	10.5	32.8	38.5	15.9
Emotional health	313	3.47	2.9	10.9	38.0	32.6	15.7
Self-confidence (related to social activities)	313	3.33	6.1	16.9	31.6	29.1	16.3
Study skills	313	3.32	2.9	12.8	44.1	30.4	9.9

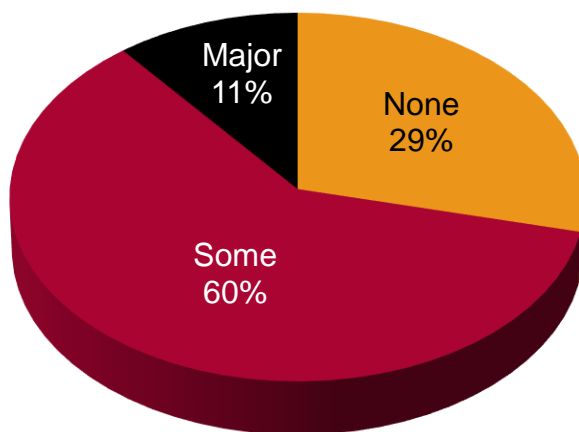
1=Lowest 10%, 2=Below Average, 3=Average, 4= Above Average, 5= Highest 10%
Rank ordered by means

FINANCING COLLEGE

How satisfied are you with the amount of financial support (from grants, loans, family members, jobs, or all other sources) you've received so far?



Do you have any concerns about your ability to finance your college education?



HOURS PLANNED TO SPEND ON ACTIVITIES

About how many hours do you plan to spend in a typical 7-day week during your first year at IUPUI doing each of the following?

	N	0	1-5	6-10	11-15	16-20	21-25	26-30	More than 30
<i>Percentages</i>									
Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	313	0.3	2.9	10.9	18.5	19.8	16.0	15.0	16.6
Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	312	2.9	27.6	33.0	18.9	9.6	3.8	1.3	2.9
Working for pay off campus	310	49.0	12.6	11.9	8.1	11.0	2.6	2.3	2.6
Relaxing and socializing (watching TV, partying, etc.)	312	1.0	28.2	36.9	18.9	10.3	2.9	0.3	1.6
Commuting to class (driving, walking, etc.)	313	8.6	61.0	17.3	5.4	3.5	1.9	0.6	1.6
Working for pay on campus	312	35.3	12.5	32.1	11.2	4.8	1.9	1.6	0.6
Engaging in volunteer activities	311	9.3	48.6	23.2	11.3	5.1	1.3	0.3	1.0
Taking care of household responsibilities	311	17.4	53.7	20.6	5.1	1.6	0.6	0.3	0.6
Providing care for dependents living with you (parents, children, spouse, etc.)	311	72.0	18.0	4.8	3.2	0.6	1.3	0.0	0.0
Interacting with on-line social networks (Facebook, Instagram, Twitter, etc.)	313	12.7	48.2	18.5	9.4	7.0	2.1	0.3	1.8

**ANTICIPATED SUCCESS, INVOLVEMENT,
AND ENGAGEMENT IN HIGH IMPACT PRACTICES**

What is your best guess as to the chances you will:						
	N	Mean	No Chance	Very Little Chance	Some Chance	Very Good Chance
			<i>Percentages</i>			
Be satisfied with college life	312	3.63	0.3	2.2	31.1	66.3
Participate in events or activities on campus	313	3.48	0.6	5.4	39.6	54.3
Participate in student clubs/groups	313	3.46	0.3	6.4	39.9	53.4
Participate in an internship, co-op, field experience, practicum, student teaching, or clinical placement	308	3.44	1.3	7.8	36.4	54.5
Make good choices for personal health (healthy eating, lifestyle, etc.)	309	3.40	0.6	7.4	42.7	49.2
Work on a research project with a professor	309	3.34	0.6	7.1	49.8	42.4
Experience stress balancing work and school related responsibilities	313	3.33	1.6	10.2	42.2	46.0
Exercise on campus	308	3.21	5.2	15.3	33.1	46.4
Participate in service learning or community service	309	3.21	2.3	13.6	45.3	38.8
Get tutoring or peer mentoring help in specific courses	309	3.19	1.3	14.9	46.9	36.9
Participate in study abroad or international travel related to school	308	2.88	13.3	19.8	32.1	34.7
Experience stress balancing family and school related responsibilities	313	2.88	4.8	29.1	39.3	26.8
Enroll in courses during the summer	309	2.66	5.8	37.2	42.4	14.6
Change career choice	313	2.35	15.3	39.0	41.2	4.5
Experience feelings of homesickness	313	2.20	32.6	27.5	27.2	12.8
Change major field	313	2.13	21.7	47.0	28.1	3.2

1=No Chance, 2= Very Little Chance, 3= Some Chance, 4= Very Good Chance
Rank ordered by means

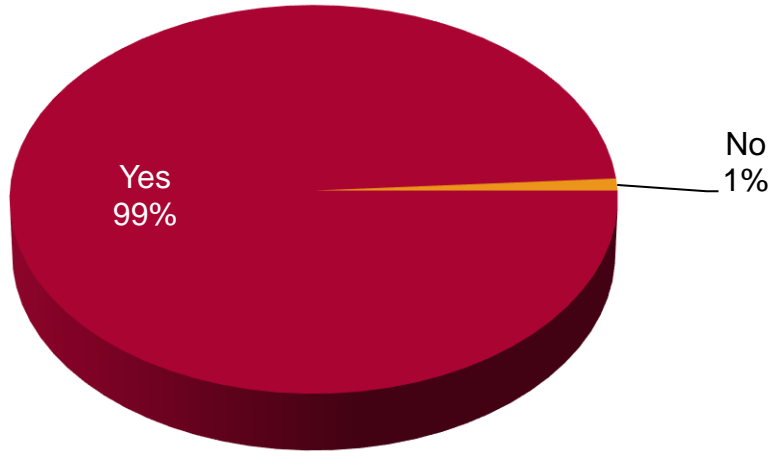
DECISIONS TO ATTEND IUPUI

In making a decision to choose IUPUI or transfer to IUPUI from another institution, please rate how important the following factors were:

	N	Mean	Not Important	Somewhat Important	Moderately Important <i>Percentages</i>	Very Important	Extremely Important
Availability of financial aid/scholarship	308	4.08	1.9	6.8	19.5	25.0	46.8
Availability of specific academic programs (majors)	307	4.07	2.3	5.9	16.0	34.9	41.0
Job, career, and internship opportunities available in Indianapolis while attending school	309	4.03	3.6	3.9	19.4	32.0	41.1
Career and job opportunities available in Indianapolis after I complete my degree	309	3.93	4.2	6.8	20.4	29.4	39.2
Opportunity for an IU or Purdue Degree	309	3.91	5.8	6.5	17.2	32.0	38.5
Cost	309	3.90	2.6	11.7	17.2	30.4	38.2
Graduates get good jobs	309	3.85	3.2	7.1	19.1	42.1	28.5
IUPUI's reputation	308	3.53	6.5	8.1	32.8	31.2	21.4
Social Climate/Activities at the College	309	3.34	7.4	13.9	33.7	26.9	18.1
Social opportunities associated with IUPUI located in city of Indianapolis	308	3.27	9.7	16.2	28.9	27.3	17.9
A visit to campus	305	2.96	21.0	13.4	28.9	22.3	14.4
Wanted to live near home	307	2.74	28.3	16.0	24.1	16.9	14.7
Type of housing available on campus	307	2.72	28.0	13.0	28.0	20.5	10.4
Size of IUPUI	308	2.71	18.5	22.7	35.1	16.9	6.8
Resources available for underserved students (LGBTQ, students with disabilities, students of color, veterans, older students, transfer students, etc.)	308	2.42	34.1	23.7	18.2	14.6	9.4
Change in financial situation	308	2.34	44.8	12.3	18.5	12.3	12.0
Ability to live at home while attending college	307	2.24	53.7	8.8	12.7	9.1	15.6
My parents/relatives wanted me to attend	308	2.15	42.9	21.8	19.5	9.7	6.2
Change in family situation	308	2.08	51.9	13.6	16.9	9.4	8.1
Advisor or guidance counselor recommendation	307	1.98	50.2	18.2	19.5	7.8	4.2
Academic difficulty at previous institution or high school	308	1.93	57.5	10.4	18.2	9.4	4.5

1=Not Important, 2=Somewhat Important, 3= Moderately Important, 4= Very Important, 5=Extremely Important
Rank ordered by means

Have you chosen a major?



N=310



STUDENTS WHO HAVE CHOSEN A MAJOR

Reasons for Choosing Major

In making a decision to choose your current major, please rate how important the following factors were*:

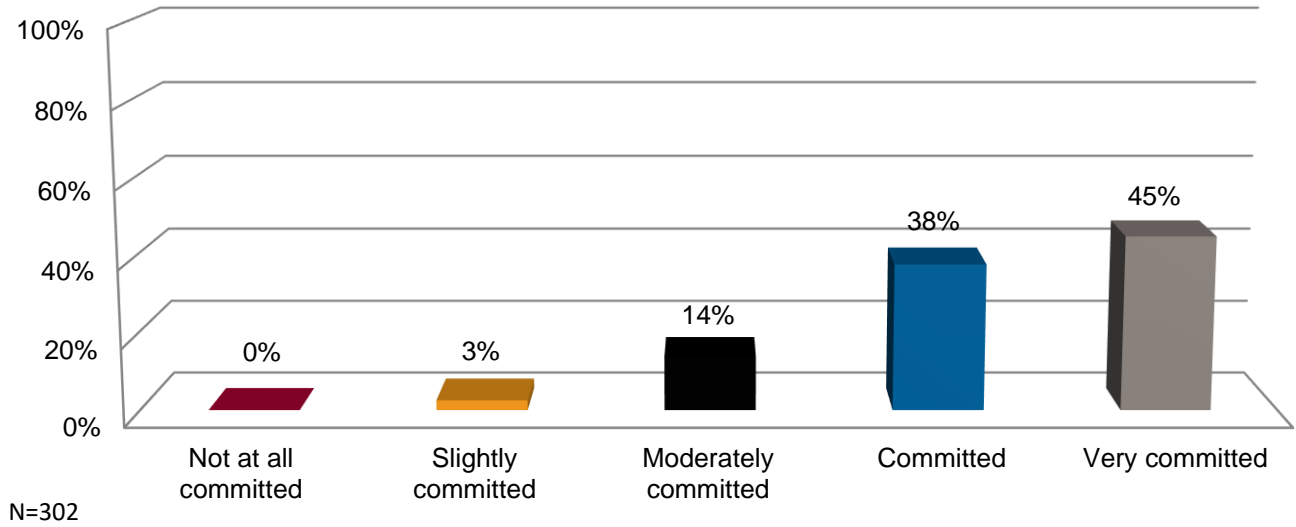
	N	Mean	Not Important	Somewhat Important	Moderately Important	Very Important	Extremely Important
<i>Percentages of Students who have chosen major</i>							
Major is aligned with my interests	301	4.44	0.3	1.7	11.0	27.6	59.5
Major is aligned with my skills and abilities	303	4.33	0.3	2.3	12.5	33.3	51.5
Major is aligned with the lifestyle I would like to have	303	4.24	1.0	3.6	14.2	32.3	48.8
Major is aligned with my personality	303	4.23	1.3	2.0	17.2	31.7	47.9
Availability of jobs in the field	303	4.17	2.0	2.0	15.2	38.9	41.9
High school classes or college classes that spark my interest or awareness	302	4.13	2.3	3.0	16.2	36.4	42.1
Graduates get good jobs	303	4.09	2.6	4.3	19.1	29.7	44.2
Good grades in previous courses	304	3.97	2.0	3.9	22.4	38.2	33.6
Starting salaries are high	303	3.86	5.0	5.6	23.4	30.0	36.0
Major makes people like me feel welcome	303	3.64	8.3	7.9	24.8	29.7	29.4
Media (TV, social media, newspapers, commercials, movies) that spark my interest or awareness	303	2.99	18.2	19.5	24.4	20.8	17.2
IUPUI specific communications that sparked my interest or awareness	303	2.67	27.1	18.8	27.1	14.2	12.9
My parents/relatives recommendation	303	2.62	29.4	17.2	25.7	17.5	10.2
Advisor or guidance counselor recommendation	301	2.30	41.5	16.9	21.9	9.6	10.0
My friends recommendation	302	2.30	40.7	17.9	20.9	11.6	8.9

1=Not Important, 2=Somewhat Important, 3= Moderately Important, 4= Very Important, 5=Extremely Important

* Of those who indicated they have chosen a major

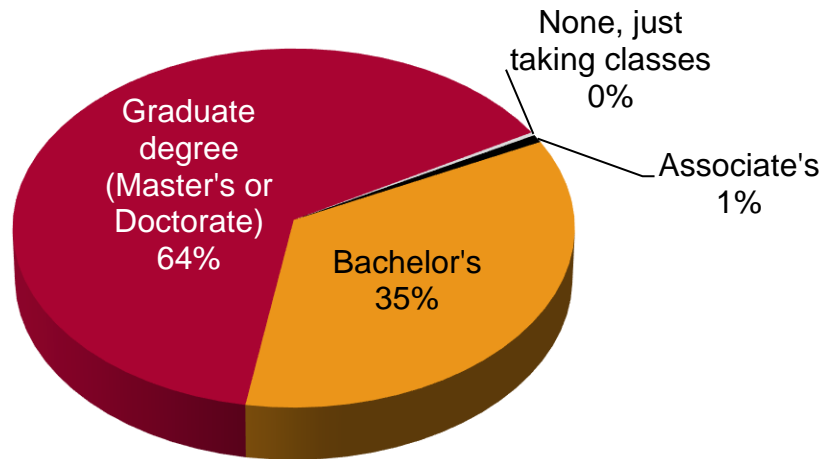
Rank ordered by means

How committed are you to your current major?



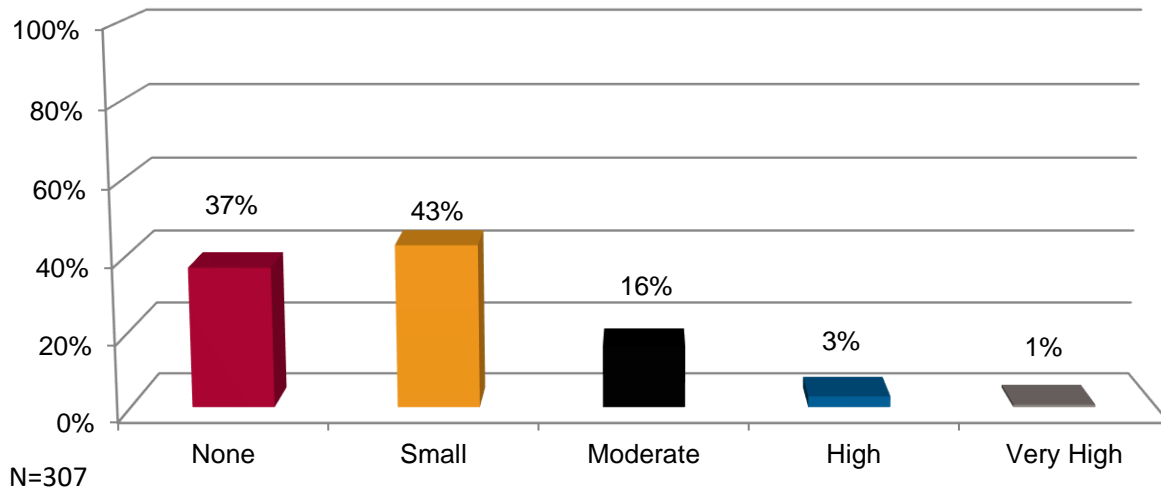
ACADEMIC FUTURE

What is the highest college degree you expect to obtain?



N=306

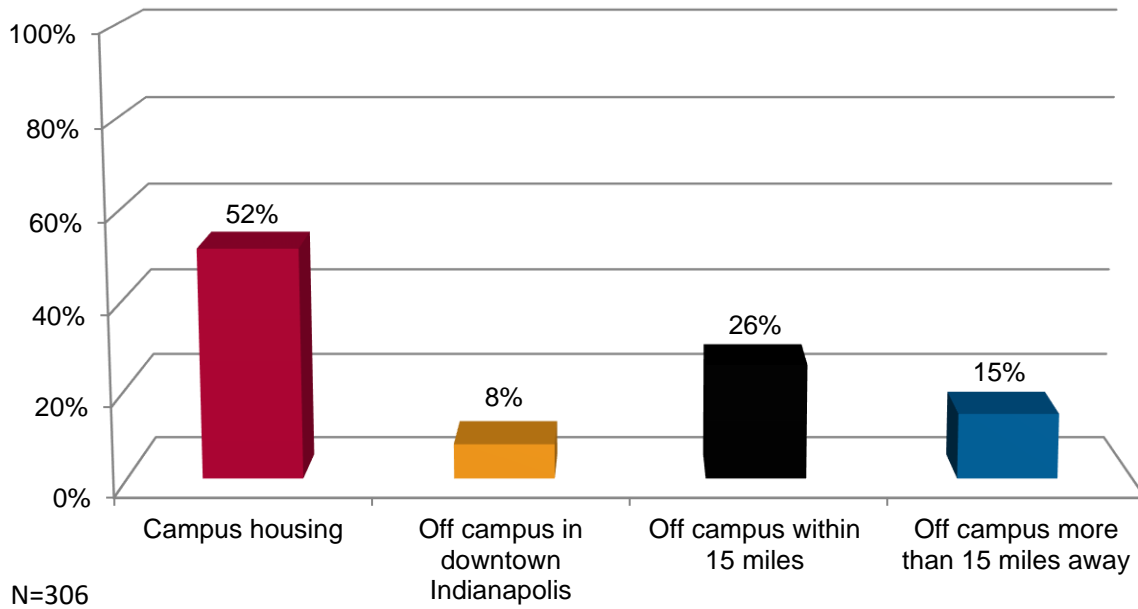
What is the likelihood that you will transfer from IUPUI to another college?



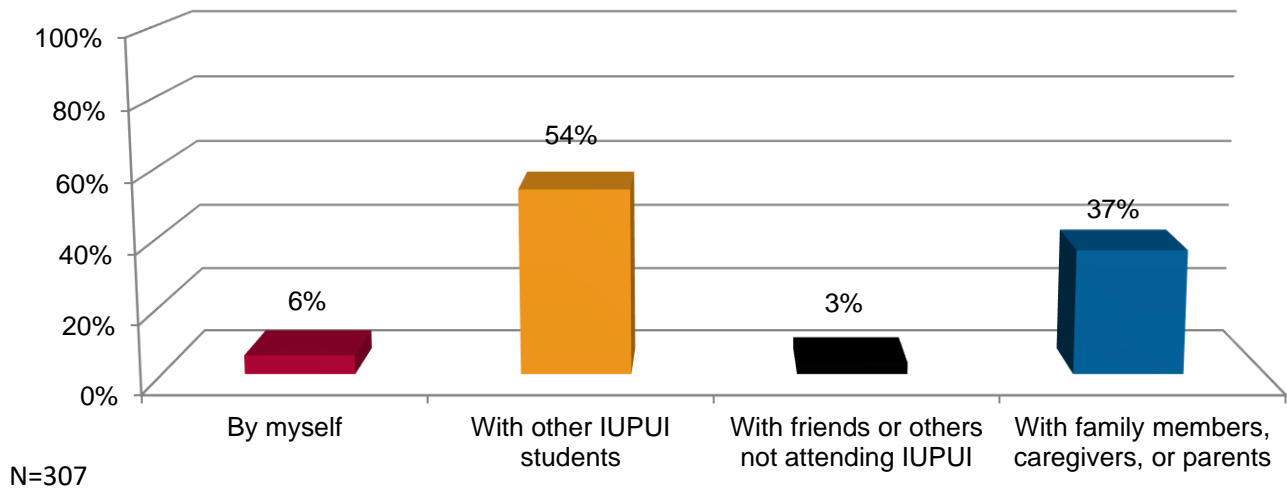
N=307

EXPECTED LIVING SITUATION

Where do you plan to live for your first year?



Which best describes your expected living situation during your first year?



SCHOOL OF SCIENCE PRE-MAJORS
DEMOGRAPHICS

	School of Science Pre-Major Respondents		All School of Science Pre-Majors	
	N	Percentage	N	Percentage
Residency				
Indiana Resident	181	93.3	343	93.0
Non-Resident	13	6.7	26	7.0
Gender				
Female	118	60.8	246	66.7
Male	76	39.2	123	33.3
Age				
Under 19	190	97.9	351	95.1
20-25	4	2.1	18	4.9
Over 25	0	0.0	0	0.0
Ethnicity				
White	110	57.0	202	55.0
Hispanic/Latino	23	11.9	44	12.0
Black/African American	30	15.5	56	15.3
American Indian/Alaska Native	0	0.0	0	0.0
Asian	15	7.8	29	7.9
Native Hawaiian/Pacific Island	0	0.0	0	0.0
International	2	1.0	9	2.5
Two or More Races	13	6.7	27	7.4
Financial Information				
Received Pell Grant first Fall semester (preliminary)	104	53.6	187	50.7
Housing				
Living On-Campus	69	35.6	129	35.0

SENSE OF BELONGING

Please rate how much you agree with each statement

	N	Mean	Strongly Disagree	Moderately Disagree	Slightly Disagree	Neither Disagree nor Agree	Slightly Agree	Moderately Agree	Strongly Agree
			<i>Percentages</i>						
The IUPUI campus community has made me feel welcomed	194	6.07	2.6	2.1	0.0	4.1	23.2	8.8	59.3
I feel a sense of belonging to IUPUI	194	5.68	2.6	2.1	1.5	7.2	30.9	16.5	39.2
I see myself as part of the IUPUI community	194	5.64	2.1	2.6	4.6	9.3	25.3	13.9	42.3
I feel that I fit right in on campus	194	5.60	2.1	2.6	2.6	10.8	27.8	16.5	37.6
I feel that I am a member of the IUPUI community	194	5.59	2.1	2.6	2.1	12.9	26.8	14.9	38.7
I feel connected with other IUPUI students	193	5.52	2.6	2.1	4.7	10.9	24.9	20.7	34.2

1=Strongly Disagree, 2= Moderately Disagree, 3= Slightly Disagree, 4= Neither Disagree nor Agree, 5= Slightly Agree, 6= Moderately Agree, 7= Strongly Agree
Rank ordered by means

COMMITMENT TO IUPUI

Please rate how much you agree with each statement

	N	Mean	Strongly Disagree	Moderately Disagree	Slightly Disagree	Neither Disagree nor Agree	Slightly Agree	Moderately Agree	Strongly Agree
			<i>Percentages</i>						
I am proud to tell others I am going to school here	193	6.03	3.6	0.5	1.6	6.2	20.2	7.3	60.6
I am extremely glad that I chose IUPUI over other colleges	193	5.79	3.6	2.6	3.6	8.8	18.7	7.8	54.9
I feel a sense of IUPUI jaguar pride	193	5.70	3.6	1.6	2.1	10.9	22.3	15.0	44.6
It is important for me to graduate from IUPUI (e.g., rather than from another college)	193	5.72	4.1	2.6	2.6	11.9	18.7	7.3	52.8
IUPUI was my first choice of colleges that I was accepted to or considered applying to	193	5.16	8.3	7.8	11.4	4.1	15.0	7.8	45.6

1=Strongly Disagree, 2= Moderately Disagree, 3= Slightly Disagree, 4= Neither Disagree nor Agree, 5= Slightly Agree, 6= Moderately Agree, 7= Strongly Agree
Rank ordered by means

SENSE OF GRIT AND PERSEVERANCE

Please rate how true each statement is about you								
	N	Mean	1-Not at all like me	2	3	4	5-Very much like me	
				Percentages				
I am a hard worker ¹	191	4.50	1.6	0.0	8.4	27.2	62.8	
I finish whatever I begin ¹	190	3.99	2.1	5.3	20.5	35.3	36.8	
I am diligent ¹	192	4.08	2.1	1.6	24.0	31.3	41.1	
Setbacks don't discourage me ¹	192	3.57	3.1	13.5	30.7	28.1	24.5	
New ideas and projects sometimes distract me from previous ones ²	192	2.78	15.1	24.5	34.4	19.8	6.3	
I often set a goal but later choose to pursue a different one ²	191	2.40	26.2	30.4	26.7	11.0	5.8	
I have difficulty maintaining my focus on projects that take more than a few months to complete ²	190	2.53	26.3	22.6	28.9	15.8	6.3	
I focus on a certain idea or project for a short time but lose interest later ²	191	2.39	25.1	34.0	24.1	10.5	6.3	

1=Not at all like me, 2=2, 3=3, 4=4, 5=Very much like me

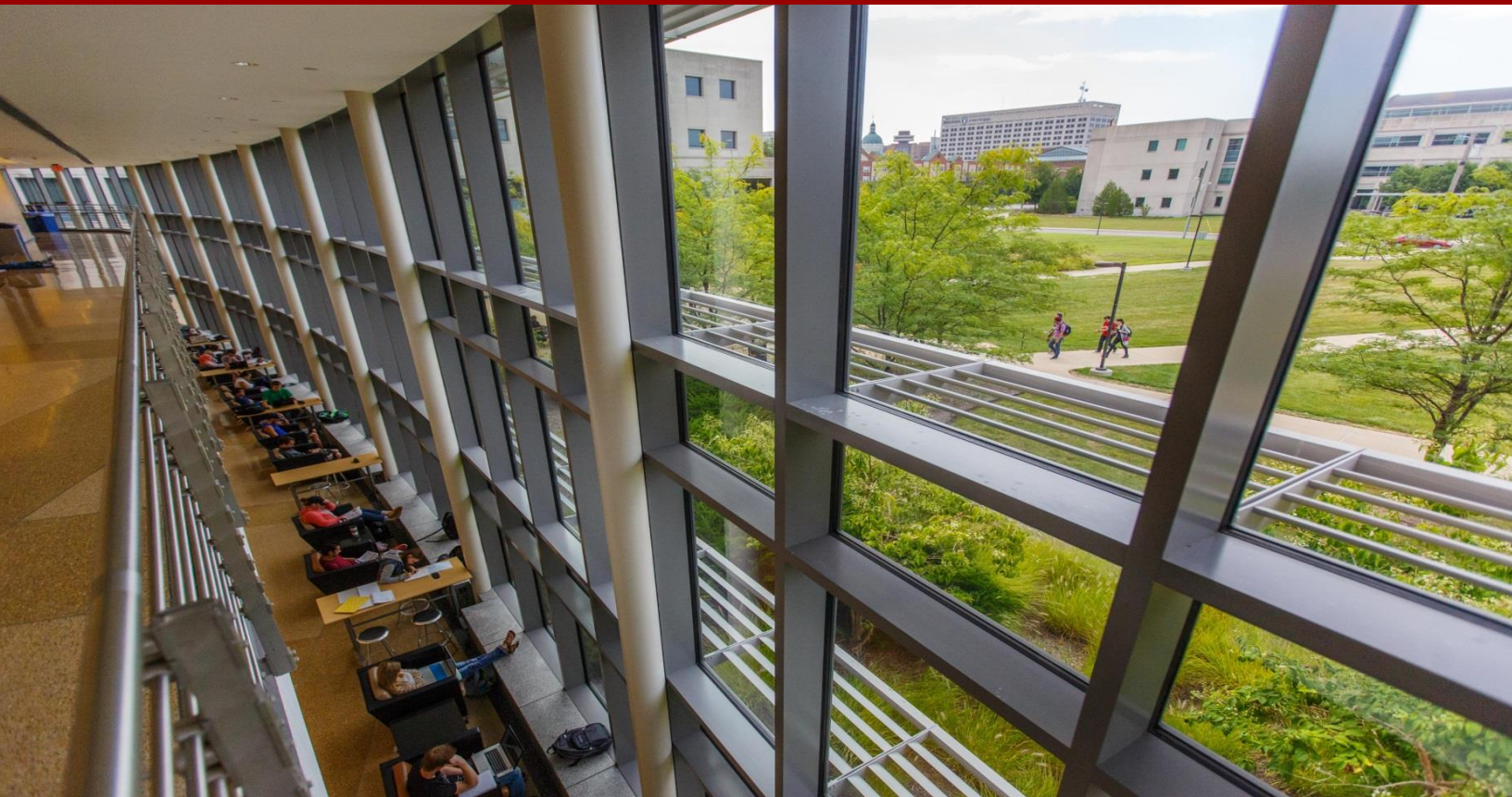
¹ These 4 items make up the Perseverance of Effort construct analyzed in the comparison section of the report

¹ A lower mean on Consistency of Interest indicates higher GRIT consistency of effort.

² These 4 items make up the Consistency of Interest construct analyzed in the comparisons section of the report

Rank ordered by means

¹ Duckworth, A. L. & Quinn, P. D. (2009). Development and validation of the Short Grit Scale (Grit-S). *Journal of Personality Assessment*, 91(2), 166-174.



SELF-EFFICACY RATINGS

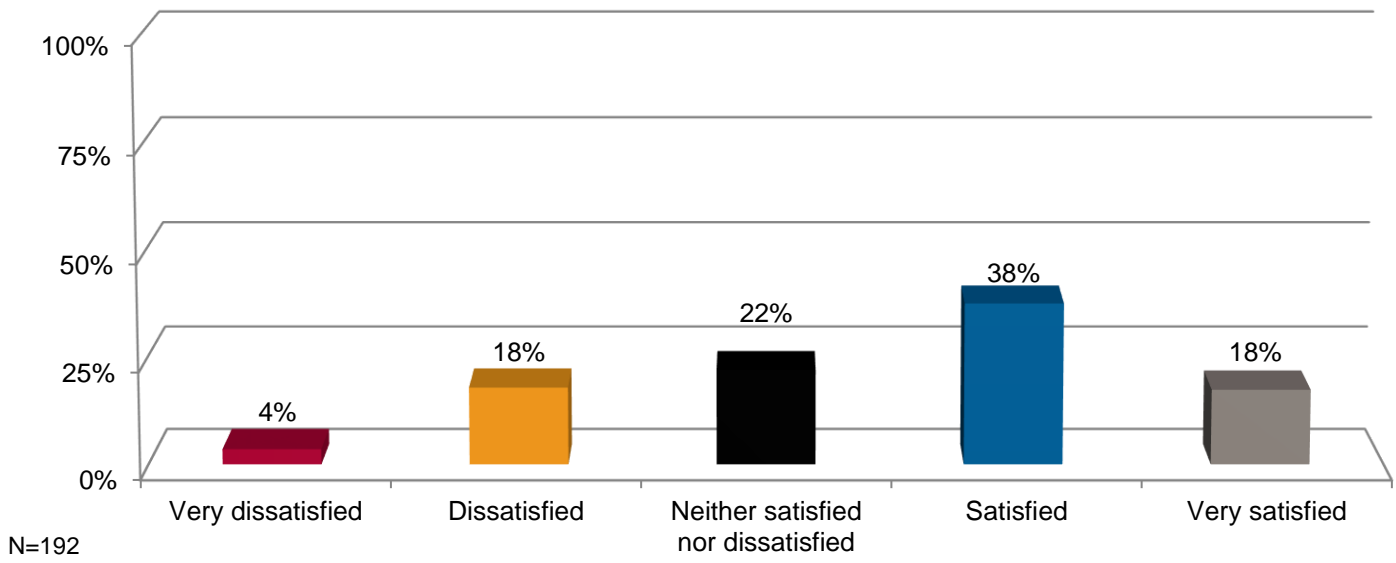
Rate yourself on each of the following traits as compared to the average person your age. We want the most accurate estimate of how you see yourself

	N	Mean	Lowest 10%	Below Average	Average	Above Average	Highest 10%
<i>Percentages</i>							
Ability to work with others that are different from you	192	3.85	1.0	5.7	24.0	45.3	24.0
Self-confidence (related to social activities)	192	3.42	1.0	18.2	37.0	25.0	18.8
Physical health	192	3.64	2.6	7.8	35.9	30.2	23.4
Leadership ability	189	3.66	0.0	9.0	34.9	37.6	18.5
Self-confidence (related to intellectual or academic activities)	191	3.57	0.5	8.9	41.9	30.4	18.3
Motivation for college work	192	3.85	0.0	3.6	32.3	39.6	24.5
Emotional health	190	3.58	0.5	13.2	34.7	31.1	20.5
Ability to manage finances	192	3.45	2.6	10.9	44.8	21.9	19.8
Academic ability	191	3.63	0.5	0.5	44.5	44.5	9.9
Ability to seek out appropriate academic help	192	3.66	1.0	8.3	34.9	34.9	20.8
Writing ability	192	3.40	0.5	6.8	51.6	34.9	6.3
Mathematical ability	191	3.24	2.1	15.7	49.2	22.5	10.5
Study skills	189	3.20	1.1	15.3	51.9	26.5	5.3

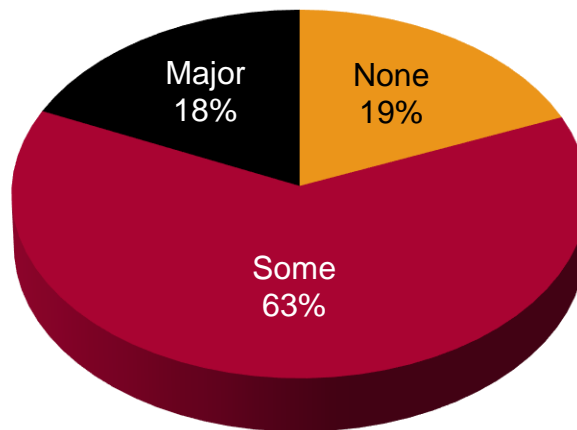
1=Lowest 10%, 2=Below Average, 3= Average, 4= Above Average, 5=Highest 10%
 Rank ordered by means

FINANCING COLLEGE

How satisfied are you with the amount of financial support (from grants, loans, family members, jobs, or all other sources) you've received so far?



Do you have any concerns about your ability to finance your college education?



N=192

HOURS PLANNED TO SPEND ON ACTIVITIES

About how many hours do you plan to spend in a typical 7-day week during your first year at IUPUI doing each of the following?									
	N	0	1-5	6-10	11-15	16-20	21-25	26-30	More than 30
	<i>Percentages</i>								
Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	190	0.0	5.3	13.2	20.0	16.8	17.9	13.7	13.2
Working for pay on campus	190	33.2	7.9	21.6	14.2	9.5	4.7	4.7	4.2
Working for pay off campus	190	32.6	13.7	8.4	12.6	10.0	11.6	5.3	5.8
Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	190	6.3	21.6	25.3	21.1	11.1	6.3	4.7	3.7
Commuting to class (driving, walking, etc.)	190	7.4	43.7	13.7	10.5	6.8	6.3	4.2	7.4
Relaxing and socializing (watching TV, partying, etc.)	189	1.6	38.6	31.2	15.3	6.9	3.7	0.0	2.6
Providing care for dependents living with you (parents, children, spouse, etc.)	190	53.2	20.5	11.1	6.3	2.6	2.6	1.1	2.6
Taking care of household responsibilities	190	11.6	44.7	18.4	14.2	4.7	2.6	0.5	3.2
Engaging in volunteer activities	190	11.1	38.9	24.7	11.6	7.4	3.7	1.6	1.1
Interacting with on-line social networks (Facebook, Instagram, Twitter, etc.)	190	6.7	50.0	20.0	9.0	5.2	5.2	0.5	3.3

ANTICIPATED SUCCESS, INVOLVEMENT, AND ENGAGEMENT IN HIGH IMPACT PRACTICES

What is your best guess as to the chances you will:						
	N	Mean	No Chance	Very Little Chance	Some Chance	Very Good Chance
<i>Percentages</i>						
Be satisfied with college life	187	3.56	0.5	4.3	33.7	61.5
Make good choices for personal health (healthy eating, lifestyle, etc.)	190	3.47	0.5	5.8	39.5	54.2
Get tutoring or peer mentoring help in specific courses	189	3.35	0.5	8.5	46.6	44.4
Participate in an internship, co-op, field experience, practicum, student teaching, or clinical placement	190	3.31	1.1	10.0	46.3	42.6
Experience stress balancing work and school related responsibilities	190	3.29	1.1	12.1	43.7	43.2
Work on a research project with a professor	189	3.24	0.5	11.6	50.8	37.0
Participate in events or activities on campus	189	3.22	3.7	11.1	44.4	40.7
Participate in student clubs/groups	190	3.19	5.8	11.6	40.5	42.1
Exercise on campus	189	3.15	5.8	15.3	37.0	41.8
Participate in service learning or community service	190	3.01	3.2	16.8	56.3	23.7
Experience stress balancing family and school related responsibilities	190	2.97	4.7	23.7	41.6	30.0
Enroll in courses during the summer	189	2.79	7.4	28.0	42.9	21.7
Participate in study abroad or international travel related to school	189	2.66	15.3	27.5	32.8	24.3
Change major field	190	2.26	16.3	47.4	30.0	6.3
Change career choice	189	2.25	19.6	40.7	34.4	5.3
Experience feelings of homesickness	189	2.06	37.0	29.6	23.3	10.1

1=No Chance, 2= Very Little Chance, 3= Some Chance, 4= Very Good Chance
Rank ordered by means

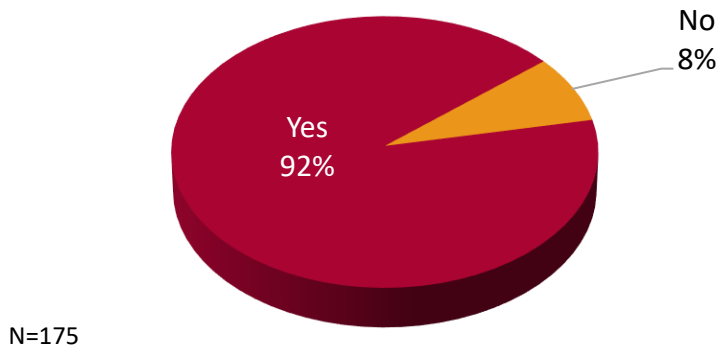
DECISIONS TO ATTEND IUPUI

In making a decision to choose IUPUI or transfer to IUPUI from another institution, please rate how important the following factors were:

	N	Mean	Not Important	Somewhat Important	Moderately Important	Very Important	Extremely Important
	<i>Percentages</i>						
Opportunity for and IU or Purdue Degree	187	4.10	3.2	3.7	17.6	30.5	44.9
Availability of financial aid/scholarship	186	4.09	2.2	5.4	22.0	22.0	48.4
Job, career, and internship opportunities available in Indianapolis while attending school	187	4.05	2.7	5.3	17.6	33.2	41.2
Career and job opportunities available in Indianapolis after I complete my degree	187	4.04	3.7	7.0	11.8	36.4	41.2
Graduates get good jobs	186	4.03	1.6	5.4	16.7	40.9	35.5
Availability of specific academic programs (majors)	186	4.01	2.2	4.8	18.8	38.7	35.5
IUPUI's reputation	185	3.72	4.3	7.6	26.5	34.6	27.0
Cost	187	3.67	6.4	10.7	21.9	31.0	29.9
Social Climate/Activities at the College	187	3.58	5.3	9.1	31.0	31.0	23.5
Social opportunities associated with IUPUI located in city of Indianapolis	188	3.31	8.0	13.8	29.8	35.6	12.8
A visit to campus	187	3.26	13.9	15.0	25.1	23.0	23.0
Change in financial situation	187	2.95	23.5	10.7	27.3	24.1	14.4
Type of housing available on campus	187	2.91	24.6	11.8	29.4	16.0	18.2
Wanted to live near home	189	2.89	21.2	18.5	24.9	20.6	14.8
Resources available for underserved students (LGBTQ, students with disabilities, students of color, veterans, older students, transfer students, etc.)	189	2.89	22.2	21.2	17.5	23.3	15.9
Size of IUPUI	184	2.79	17.9	16.3	40.8	18.5	6.5
Change in family situation	187	2.70	31.6	12.8	22.5	20.3	12.8
Ability to live at home while attending college	189	2.63	39.2	9.0	18.5	15.9	17.5
Academic difficulty at previous institution or high school	187	2.58	33.7	14.4	24.6	14.4	12.8
Advisor or guidance counselor recommendation	187	2.56	33.7	16.6	23.0	13.9	12.8
My parents/relatives wanted me to attend	187	2.36	36.4	20.9	22.5	10.7	9.6

1=Not important, 2= Somewhat Important, 3= Moderately Important, 4= Very Important, 5= Extremely Important
Rank ordered by means

Have you chosen a major?



STUDENTS WHO HAVE CHOSEN A MAJOR

* Those who indicated they have not chosen a major yet were removed from the report due to small sample size (N=14)

In making a decision to choose your current major, please rate how important the following factors were*:

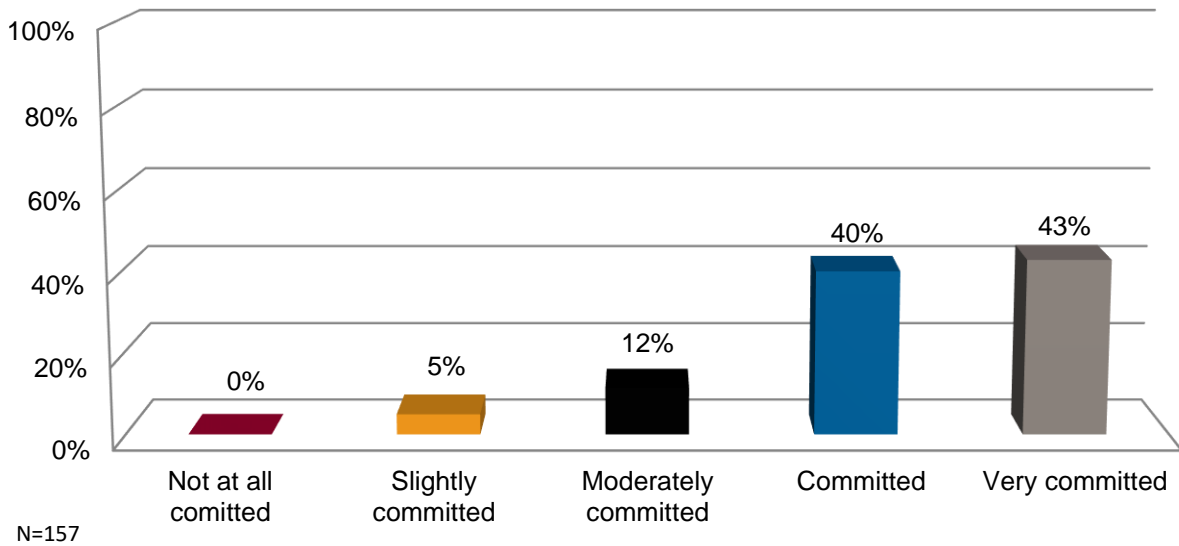
	N	Mean	Not Important	Somewhat Important	Moderately Important	Very Important	Extremely Important
<i>Percentages</i>							
Major is aligned with my interests	182	4.26	0.0	2.7	14.8	36.3	46.2
Availability of jobs in the field	182	4.23	0.5	3.8	14.3	34.6	46.7
Graduates get good jobs	181	4.22	1.1	4.4	12.7	35.4	46.4
Major is aligned with the lifestyle I would like to have	182	4.18	0.5	6.6	14.3	31.3	47.3
Major is aligned with my skills and abilities	181	4.17	0.6	3.3	17.1	36.5	42.5
Major is aligned with my personality	182	4.13	0.5	5.5	17.0	34.1	42.9
Starting salaries are high	182	3.96	0.5	6.0	24.7	34.1	34.6
High school classes or college classes that spark my interest or awareness	178	3.93	3.4	4.5	23.6	33.1	35.4
Major makes people like me feel welcome	182	3.88	5.5	7.1	19.2	29.7	38.5
Good grades in previous courses	180	3.87	2.8	4.4	24.4	40.0	28.3
IUPUI specific communications that sparked my interest or awareness	180	3.14	12.8	17.2	28.9	25.6	15.6
Media (TV, social media, newspapers, commercials, movies) that spark my interest or awareness	180	3.11	12.8	17.8	31.1	22.2	16.1
Advisor or guidance counselor recommendation	180	2.98	20.0	19.4	21.1	21.7	17.8
My parents/relatives recommendation	179	2.87	21.8	19.0	24.0	20.7	14.5
My friends recommendation	180	2.68	26.1	19.4	27.2	15.0	12.2

1=Not Important, 2= Somewhat Important, 3= Moderately Important, 4= Very Important, 5= Extremely Important

* Of those who indicated they have chosen a major

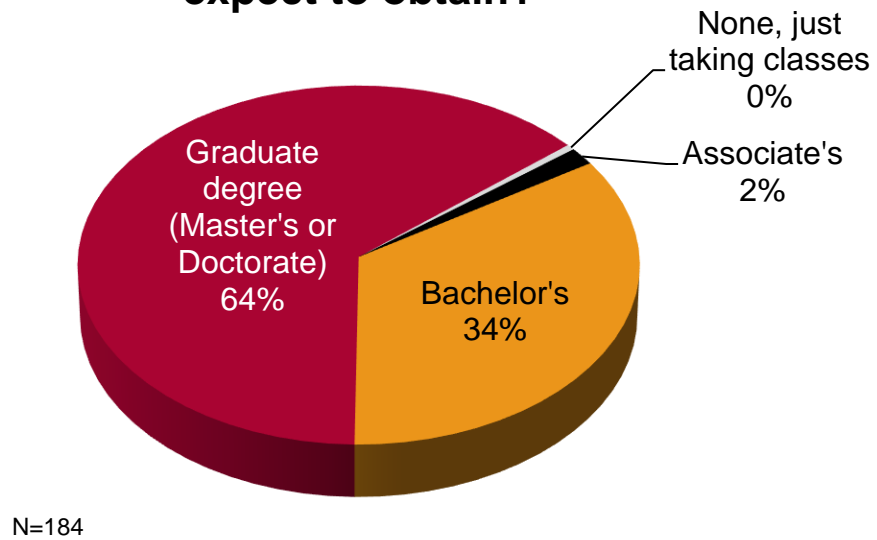
Rank ordered by means

How committed are you to your current major?

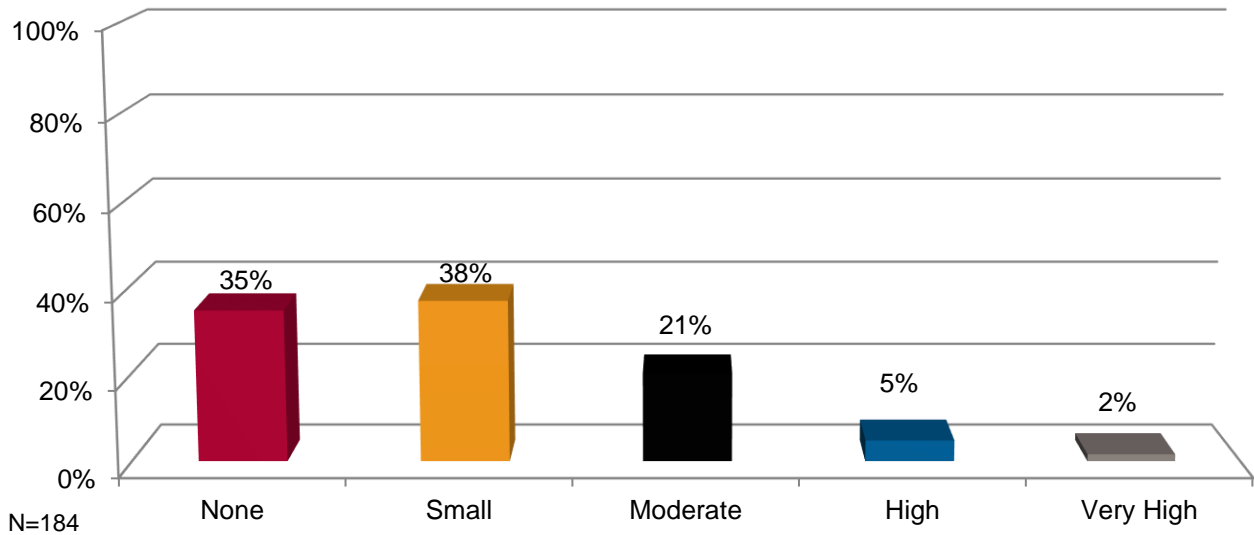


ACADEMIC FUTURE

What is the highest college degree you expect to obtain?

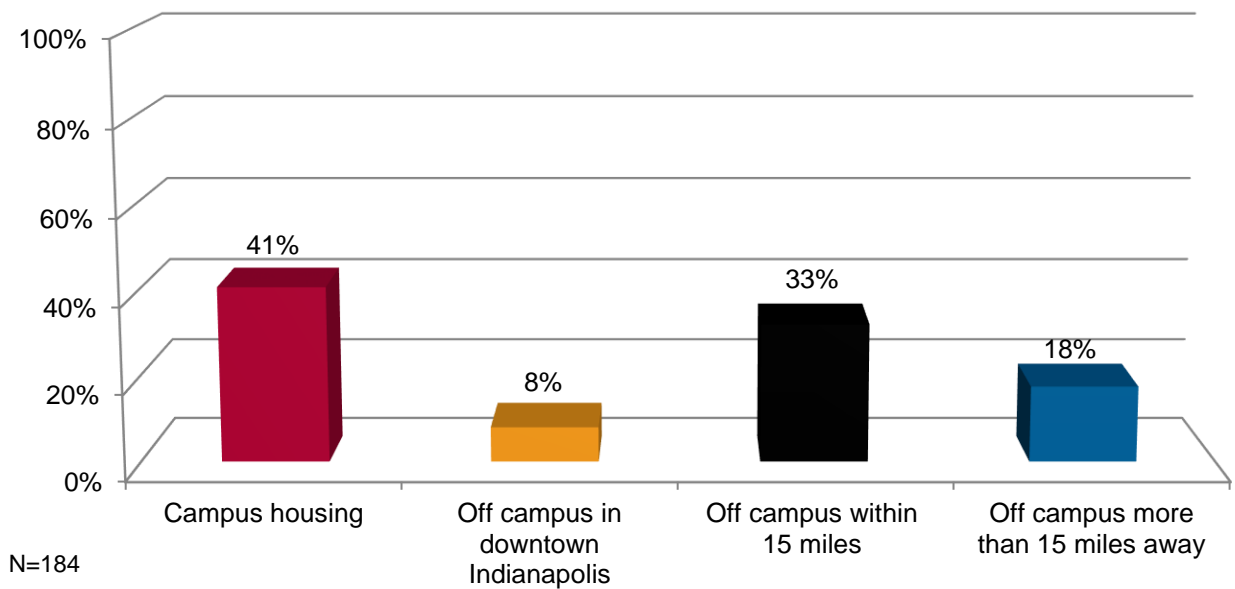


What is the likelihood that you will transfer from IUPUI to another college?

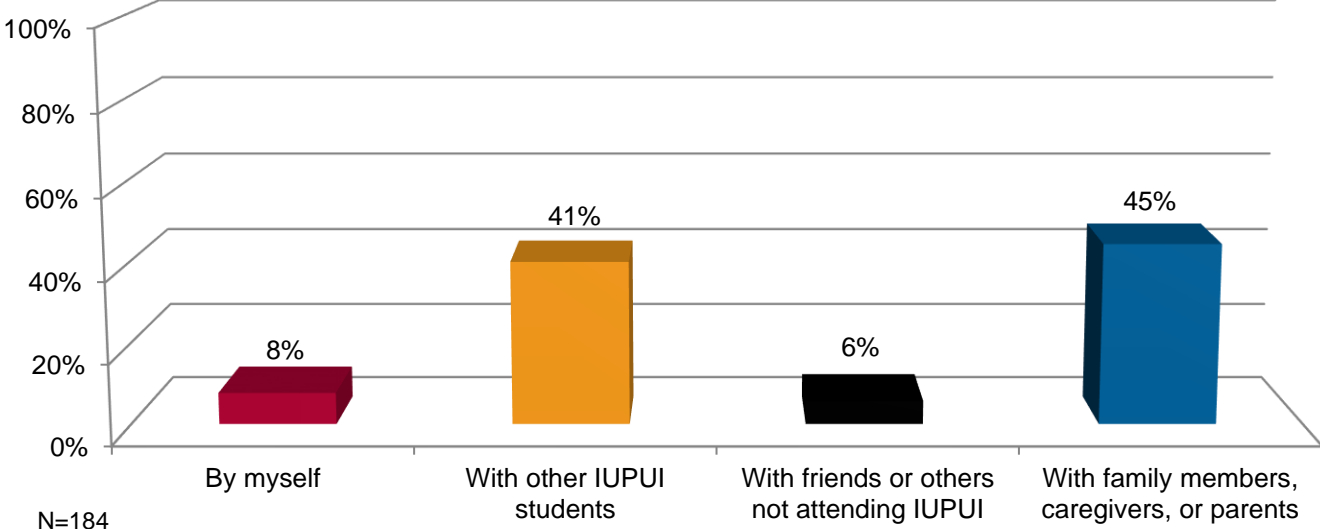


EXPECTED LIVING SITUATION

Where do you plan to live for your first year?



Which best describes your expected living situation during your first year?



*Prepared by
Jessicah Rauch
(Institutional Research and Decision Support)*

