IUPUI

Overall

Beginning Freshmen

Entering Student Survey Report

2018

Welcome to the 2018 IUPUI School of Informatics & Computing 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 it is encouraged as some responses may be used to ensure they get information to resources to help them succeed in college. Of the 120 School of Informatics and Computing beginning freshmen direct admits in the 2018 cohort, 67 completed the Entering Student Survey. That is a response rate of 56%. The total number of Informatics and Computing pre-major students was too low to report on or do comparative analysis.

Key Highlights Overall

- Compared to all other **direct-admit students**, School of Informatics & Computing **direct-admit students** were less likely to rate themselves higher than their peers on leadership ability, participate in an internship, co-op, field experience, practicum student teaching, or clinical placement, spend fewer hours preparing for class, and more likely to choose IUPUI because of media (TV, social media, newspapers, commercials, movies) that spark my interest or awareness.

- **96%** of Informatics & Computing direct-admit respondents agree that the IUPUI campus is welcoming.

- **41%** of direct-admit respondents reported that being a hard worker is **'Very much like me'**.

- Informatics & Computing direct-admit respondents rated themselves highest in **'Academic Ability'** with a mean of 3.90 compared to other areas of self-efficacy.

- **46%** of Informatics & Computing direct-admit students plan to spend at least 11 hours **'working for pay on campus'**.

- **72%** of Informatics & Computing direct-admit students have at least Some concerns about financing their college education.

- The top 5 reasons respondents decided to attend IUPUI were 'Cost', 'Availability of financial aid/scholarship', 'Availability of specific academic programs (majors)', 'Job, career, and internship opportunities available in Indianapolis while attending school', and 'Opportunity for an IU or Purdue Degree'.

- For School of Informatics & Computing respondents that have chosen a major, the number one reason they chose their major was because **it aligned with their interests**.

SCHOOL OF INFORMATICS & COMPUTING SURVEY RESPONDENTS
DEMOGRAPHICS

	Informatics & Computing Direct Admits		All Other Direct-Admits	
Residency	**N**	**Percentage**	**N**	**Percentage**
Indiana Resident	60	89.6	1,387	87.0
Non-Resident	7	10.4	208	13.0
Gender				
Female	22	32.8	843	52.9
Male	45	67.2	752	47.1
Age				
Under 19	67	100.00	1,562	97.9
20-24	0	0.0	26	1.6
25 and Over	0	0.0	7	0.4
Ethnicity				
White	48	71.6	1,204	75.7
Hispanic/Latino	8	11.9	119	7.5
Black/African American	6	9.0	69	4.3
American Indian/Alaska Native	0	0.0	2	0.1
Asian	4	6.0	76	4.8
Native Hawaiian/Pacific Island	0	0.0	1	0.1
International	0	0.0	41	2.6
Two or More Races	1	1.5	78	4.9
Financial Information				
Received Pell Grant first Fall semester (preliminary)	17	25.4	509	31.9
Housing				
Living On-Campus	36	53.7	751	47.1

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

A means comparison analysis was conducted between the 2018 School of Informatics & Computing direct-admit respondents and the all other 2018 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. None of the four constructs were significant at the .05 level.

Construct	Informatics & Computing Direct-Admits Mean	All Other Direct-Admits Mean
Consistency of Interest	2.80	2.70
Organizational Commitment	5.53	5.60
Sense of Belonging	5.67	5.67
Perseverance of Effort	3.93	3.99

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 2018 School of Informatics & Computing Direct-Admit Respondents and All Other 2018 Direct-Admit Respondents	Informatics & Computing Direct-Admits Mean	All Other Direct-Admits Mean
Comparisons of Traits to Other Students[1]		
Leadership ability	3.43	3.70

[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 2018 School of Informatics & Computing Direct-Admit Respondents and 2018 All Other Direct-Admit Respondents	Informatics & Computing 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)***	36.3	54.6

Independent Sample T-test of Significance between 2018 School of Informatics & Computing Direct-Admit Respondents and 2018 All Other Direct-Admit Respondents	Informatics & Computing Direct-Admits Mean	All Other Direct-Admits Mean
Anticipated Success and Involvement[1]		
Participate in study abroad or international travel related to school	2.56	2.87
Enroll in courses during the summer***	2.33	2.64
Participate in an internship, co-op, field experience, practicum, student teaching, or clinical placement	3.17	3.43

[1] 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 2018 School of Informatics & Computing Direct-Admit Respondents and 2018 All Other Direct-Admit Respondents	Informatics & Computing Direct-Admits Mean	All Other Direct-Admits Mean
Decisions to Attend IUPUI[1]		
Size of IUPUI**	2.46	2.83
Graduates get good jobs***	3.46	3.96
Social opportunities associated with IUPUI located in city of Indianapolis**	2.95	3.35
Job, career, and internship opportunities available in Indianapolis while attending school***	3.59	3.97
Career and job opportunities available in Indianapolis after I complete my degree***	3.38	3.93
Availability of specific academic programs (majors)***	3.64	4.06
Availability of financial aid/scholarship	3.69	3.98

[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 2018 School of Informatics & Computing Direct-Admit Respondents and 2018 All Other Direct-Admit Respondents	Informatics & Computing Direct-Admits Mean	All Other Direct-Admits Mean
Reasons for Choosing Major[1]		
Major is aligned with my skills and abilities	4.08	4.30
Good grades in previous courses***	3.40	3.79
High school classes or college classes that spark my interest or awareness	3.68	3.95
Media (TV, social media, newspapers, commercials, movies) that spark my interest or awareness	3.44	3.05

[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 Informatics & Computing Direct-Admits	N	Mean	All Other Direct-Admits	N	Mean
Cost	63	3.75	Availability of specific academic programs (majors)	761	4.06
Availability of financial aid/scholarship	61	3.69	Availability of financial aid/scholarship	755	3.98
Availability of specific academic programs (majors)	61	3.64	Job, career, and internship opportunities available in Indianapolis while attending school	763	3.97
Job, career, and internship opportunities available in Indianapolis while attending school	61	3.59	Graduates get good jobs	777	3.96
Opportunity for an IU or Purdue Degree	61	3.56	Career and job opportunities available in Indianapolis after I complete my degree	762	3.93
Graduates get good jobs	63	3.46	Opportunity for an IU or Purdue Degree	761	3.84
Career and job opportunities available in Indianapolis after I complete my degree	61	3.38	Cost	783	3.77
IUPUI's reputation	61	3.28	IUPUI's reputation	756	3.51
Social Climate/Activities at the College	61	3.25	Social Climate/Activities at the College	761	3.41
A visit to campus	61	3.03	Social opportunities associated with IUPUI located in city of Indianapolis	782	3.35

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

SCHOOL OF INFORMATICS & COMPUTING SURVEY RESPONDENTS
DEMOGRAPHICS

	Informatics & Computing Direct-Admit Respondents		All Informatics & Computing Direct-Admit Students	
Residency	**N**	**Percentage**	**N**	**Percentage**
Indiana Resident	60	89.6	111	92.5
Non-Resident	7	10.4	9	7.5
Gender				
Female	22	32.8	46	38.3
Male	45	67.2	74	61.7
Age				
19 and Under	67	100.00	117	97.5
20-24	0	0.0	3	2.5
25 and Over	0	0.0	0	0.0
Ethnicity				
White	48	71.6	79	65.8
Hispanic/Latino	8	11.9	15	12.5
Black/African American	6	9.0	12	10.0
American Indian/Alaska Native	0	0.0	0	0.0
Asian	4	6.0	5	4.2
Native Hawaiian/Pacific Island	0	0.0	0	0.0
International	0	0.0	2	1.7
Two or More Races	1	1.5	7	5.8
Financial Information				
Received Pell Grant first Fall semester (preliminary)	17	25.4	41	34.2
Housing				
Living On-Campus	36	53.7	64	53.3

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
						Percentages			
I feel that I am a member of the IUPUI community	67	5.67	1.5	1.5	0.0	10.4	29.9	25.4	31.3
I feel a sense of belonging to IUPUI	67	5.66	1.5	1.5	3.0	9.0	32.8	13.4	38.8
I feel connected with other IUPUI students	67	5.55	0.0	3.0	6.0	10.4	28.4	17.9	34.3
The IUPUI campus community has made me feel welcomed	67	5.54	3.0	0.0	0.0	1.5	26.9	14.9	53.7
I see myself as part of the IUPUI community	67	5.54	0.0	3.0	4.5	9.0	34.3	17.9	31.3
I feel that I fit right in on campus	67	5.52	1.5	1.5	3.0	10.4	37.3	13.4	32.8

1=Strongly Disagree, 2=Moderately Disagree, 3=Slightly Disagree, 4=Neither Disagree nor Agree, 5=Slightly Agree, 6=Moderately Agree, 7=Strongly Agree
*These 6 items make up the Sense of Belonging construct analyzed in the comparison section of the report
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
						Percentages			
I am extremely glad that I chose IUPUI over other colleges	67	5.69	1.5	0.0	1.5	13.4	32.8	10.4	40.3
I am proud to tell others I am going to school here	66	5.68	1.5	1.5	0.0	15.2	31.8	6.1	43.9
I feel a sense of IUPUI jaguar pride	67	5.57	3.0	0.0	6.0	11.9	23.9	17.9	37.3
It is important for me to graduate from IUPUI (e.g., rather than from another college)	67	5.48	3.0	6.0	1.5	10.4	29.9	7.5	41.8
IUPUI was my first choice of colleges that I was accepted to or considered applying to	66	5.30	4.5	7.6	3.0	15.2	18.2	10.6	40.9

1=Strongly Disagree, 2=Moderately Disagree, 3=Slightly Disagree, 4=Neither Disagree nor Agree, 5=Slightly Agree, 6=Moderately Agree, 7=Strongly Agree
*These 5 items make up the Organizational Commitment construct analyzed in the comparison section of the report
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 _Percentages_	4	5-Very much like me
I am a hard worker[1]	66	4.30	0.0	0.0	10.6	48.5	40.9
I am diligent[1]	67	3.99	0.0	4.5	22.4	43.3	29.9
I finish whatever I begin[1]	67	3.87	0.0	4.5	28.4	43.3	23.9
Setbacks don't discourage me[1]	67	3.55	1.5	16.4	31.3	26.9	23.9
New ideas and projects sometimes distract me from previous ones[2]	67	3.19	7.5	14.9	37.3	31.3	9.0
I have difficulty maintaining my focus on projects that take more than a few months to complete[2]	67	2.87	13.4	25.4	34.3	14.9	11.9
I focus on a certain idea or project for a short time but lose interest later[2]	67	2.69	11.9	35.8	28.4	19.4	4.5
I often set a goal but later choose to pursue a different one[2]	67	2.46	13.4	35.8	43.3	6.0	1.5

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.
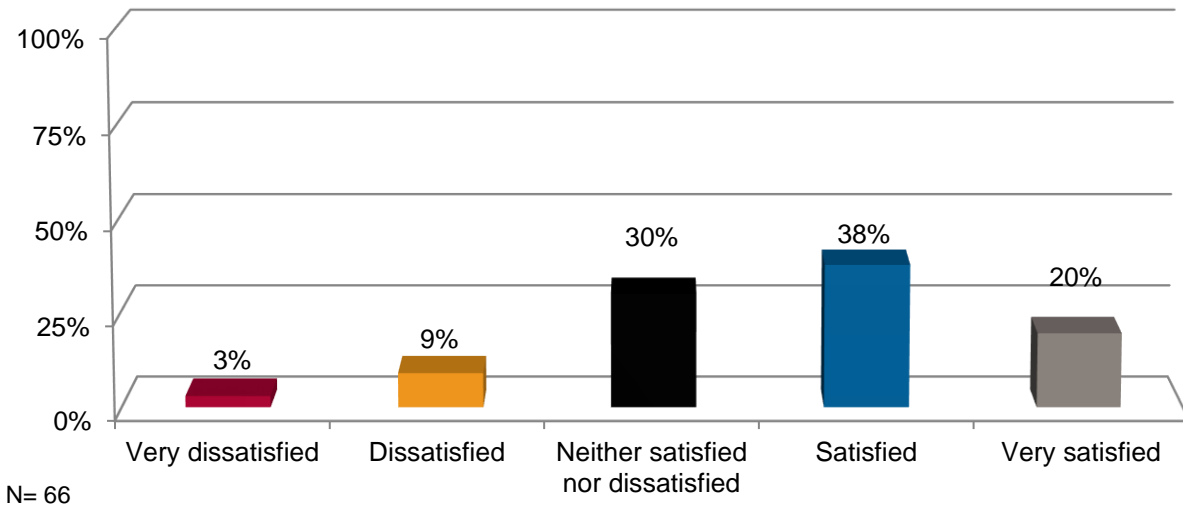
SELF-EFFICACY RATINGS

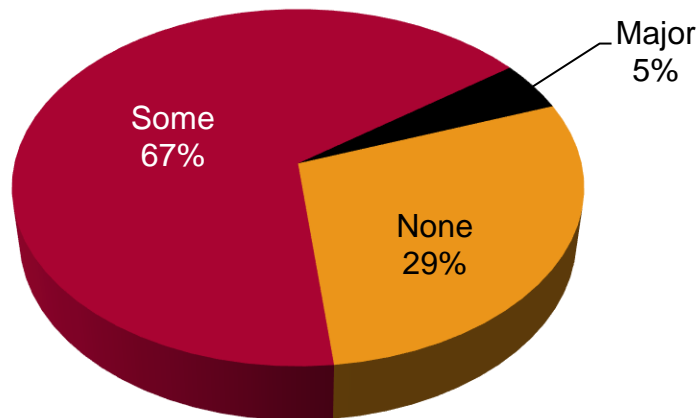| Rate yourself on each of the following traits as compared to the average person your age. We want the most accurate estimate of how you see yourself							
	N	Mean	Lowest 10%	Below Average	Average *Percentages*	Above Average	Highest 10%
Academic ability	67	3.90	0.0	0.0	22.4	65.7	11.9
Ability to work with others that are different from you	67	3.82	3.0	1.5	25.4	50.7	19.4
Motivation for college work	67	3.60	1.5	0.0	46.3	41.8	10.4
Writing ability	67	3.54	1.5	6.0	38.8	44.8	9.0
Mathematical ability	67	3.54	0.0	10.4	38.8	37.3	13.4
Self-confidence (related to intellectual or academic activities)	67	3.46	1.5	10.4	38.8	38.8	10.4
Leadership ability	67	3.43	1.5	11.9	34.3	46.3	6.0
Physical health	67	3.39	0.0	11.9	47.8	29.9	10.4
Ability to manage finances	67	3.33	1.5	11.9	44.8	35.8	6.0
Self-confidence (related to social activities)	67	3.33	3.0	25.4	22.4	34.3	14.9
Emotional health	67	3.28	6.0	13.4	34.3	38.8	7.5
Ability to seek out appropriate academic help	67	3.24	0.0	17.9	44.8	32.8	4.5
Study skills	67	3.10	1.5	20.9	46.3	28.4	3.0

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?

N= 66

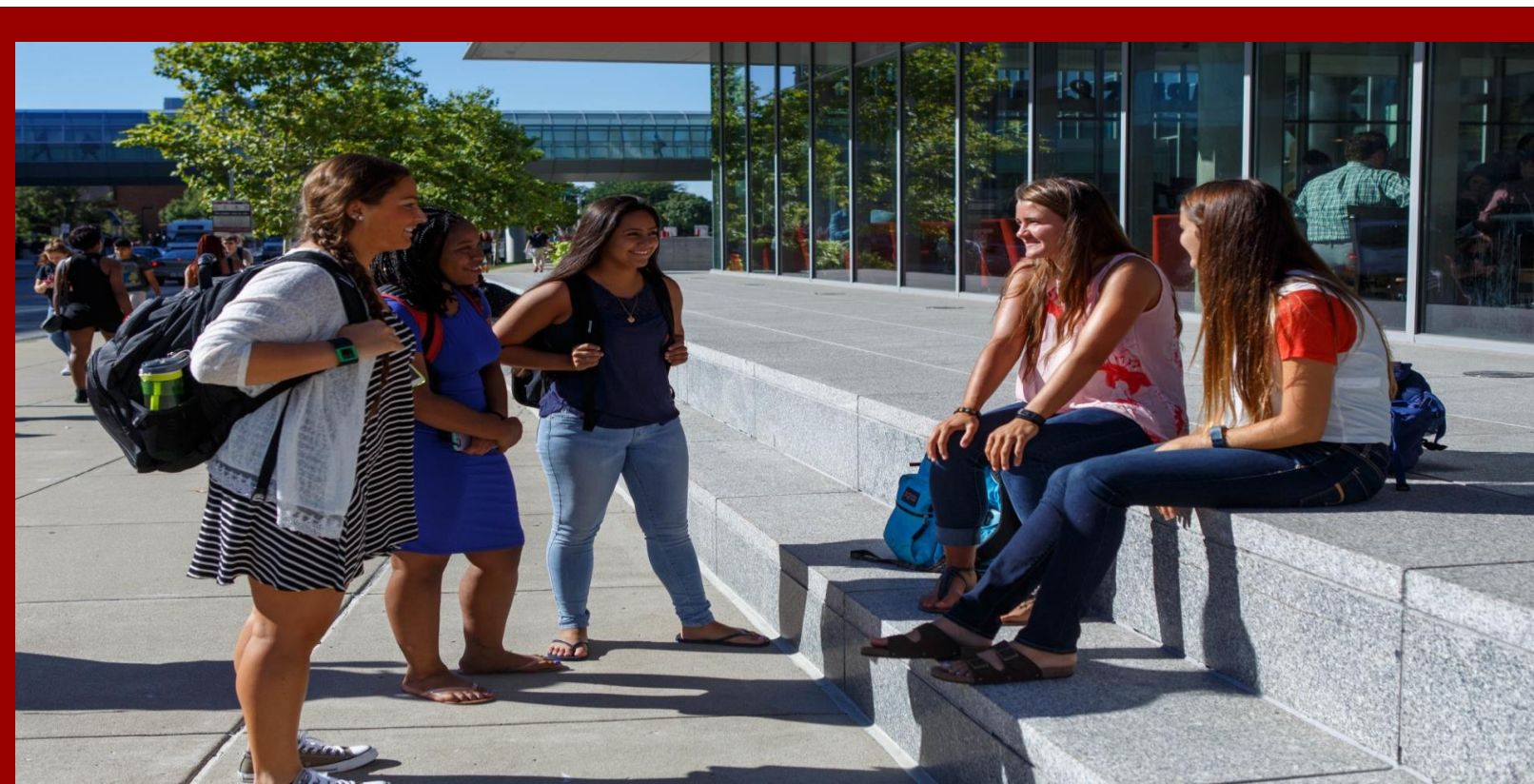## Do you have any concerns about your ability to finance your college education?

N=66

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**
					Percentages				
Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	66	0.0	10.6	24.2	28.8	21.2	6.1	4.5	4.5
Working for pay on campus	66	22.7	15.2	16.7	21.2	15.2	7.6	0.0	1.5
Working for pay off campus	65	40.0	10.8	10.8	12.3	13.8	6.2	3.1	3.1
Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	66	4.5	27.3	34.8	21.2	9.1	0.0	1.5	1.5
Commuting to class (driving, walking, etc.)	66	3.0	50.0	24.2	12.1	6.1	0.0	0.0	4.5
Relaxing and socializing (watching TV, partying, etc.)	66	0.0	10.6	42.4	25.8	9.1	6.1	0.0	6.1
Providing care for dependents living with you (parents, children, spouse, etc.)	65	55.4	21.5	10.8	9.2	1.5	0.0	0.0	1.5
Taking care of household responsibilities	65	13.8	41.5	26.2	12.3	3.1	0.0	0.0	3.1
Engaging in volunteer activities	65	12.3	53.8	16.9	12.3	3.1	1.5	0.0	0.0
Interacting with on-line social networks (Facebook, Instagram, Twitter, etc.)	66	9.1	40.9	22.7	12.1	4.5	3.0	0.0	7.6

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
					Percentages	
Be satisfied with college life	65	3.52	0.0	1.5	44.6	53.8
Participate in student clubs/groups	65	3.32	1.5	10.8	41.5	46.2
Make good choices for personal health (healthy eating, lifestyle, etc.)	63	3.29	0.0	7.9	55.6	36.5
Participate in events or activities on campus	65	3.29	1.5	9.2	47.7	41.5
Experience stress balancing work and school related responsibilities	65	3.18	3.1	12.3	47.7	36.9
Participate in an internship, co-op, field experience, practicum, student teaching, or clinical placement	64	3.17	1.6	14.1	50.0	34.4
Exercise on campus	64	3.11	3.1	15.6	48.4	32.8
Get tutoring or peer mentoring help in specific courses	64	3.00	1.6	18.8	57.8	21.9
Work on a research project with a professor	64	3.00	0.0	18.8	62.5	18.8
Participate in service learning or community service	63	2.84	4.8	28.6	44.4	22.2
Experience stress balancing family and school related responsibilities	65	2.83	3.1	33.8	40.0	23.1
Participate in study abroad or international travel related to school	64	2.56	12.5	32.8	40.6	14.1
Enroll in courses during the summer	64	2.33	12.5	50.0	29.7	7.8
Experience feelings of homesickness	64	2.33	23.4	28.1	40.6	7.8
Change career choice	65	2.22	13.8	53.8	29.2	3.1
Change major field	65	2.08	23.1	49.2	24.6	3.1

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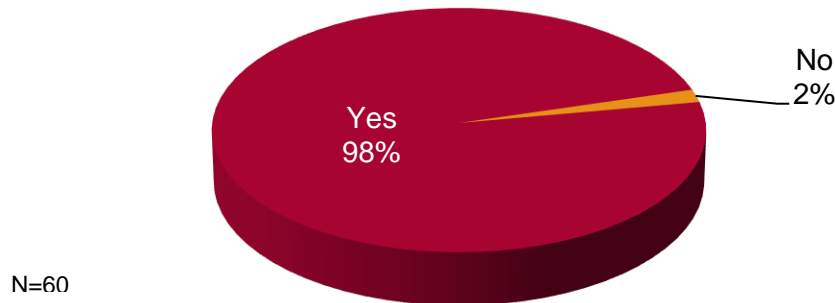Rank ordered by means

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
					Percentages		
Cost	63	3.75	0.0	4.8	38.1	34.9	22.2
Availability of financial aid/scholarship	61	3.69	6.6	9.8	18.0	39.3	26.2
Availability of specific academic programs (majors)	61	3.64	3.3	13.1	24.6	34.4	24.6
Job, career, and internship opportunities available in Indianapolis while attending school	61	3.59	1.6	6.6	39.3	36.1	16.4
Opportunity for an IU or Purdue Degree	61	3.56	8.2	13.1	23.0	26.2	29.5
Graduates get good jobs	63	3.46	7.9	14.3	22.2	34.9	20.6
Career and job opportunities available in Indianapolis after I complete my degree	61	3.38	3.3	19.7	26.2	37.7	13.1
IUPUI's reputation	61	3.28	13.1	4.9	34.4	36.1	11.5
Social Climate/Activities at the College	61	3.25	6.6	14.8	37.7	29.5	11.5
A visit to campus	61	3.03	13.1	14.8	36.1	27.9	8.2
Social opportunities associated with IUPUI located in city of Indianapolis	63	2.95	15.9	19.0	28.6	27.0	9.5
Wanted to live near home	63	2.73	22.2	19.0	30.2	20.6	7.9
Type of housing available on campus	61	2.69	26.2	19.7	26.2	14.8	13.1
Resources available for underserved students (LGBTQ, students with disabilities, students of color, veterans, older students, transfer students, etc.)	61	2.48	39.3	14.8	18.0	14.8	13.1
Size of IUPUI	63	2.46	30.2	15.9	38.1	9.5	6.3
Ability to live at home while attending college	63	2.35	44.4	14.3	15.9	12.7	12.7
Advisor or guidance counselor recommendation	61	2.33	32.8	26.2	23.0	11.5	6.6
My parents/relatives wanted me to attend	61	2.31	32.8	21.3	29.5	14.8	1.6
Change in financial situation	60	2.22	43.3	11.7	30.0	10.0	5.0
Change in family situation	61	2.02	55.7	8.2	21.3	8.2	6.6
Academic difficulty at previous institution or high school	59	1.83	62.7	6.8	20.3	5.1	5.1

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=60

STUDENTS WHO HAVE CHOSEN A MAJOR
Reasons for Choosing Major

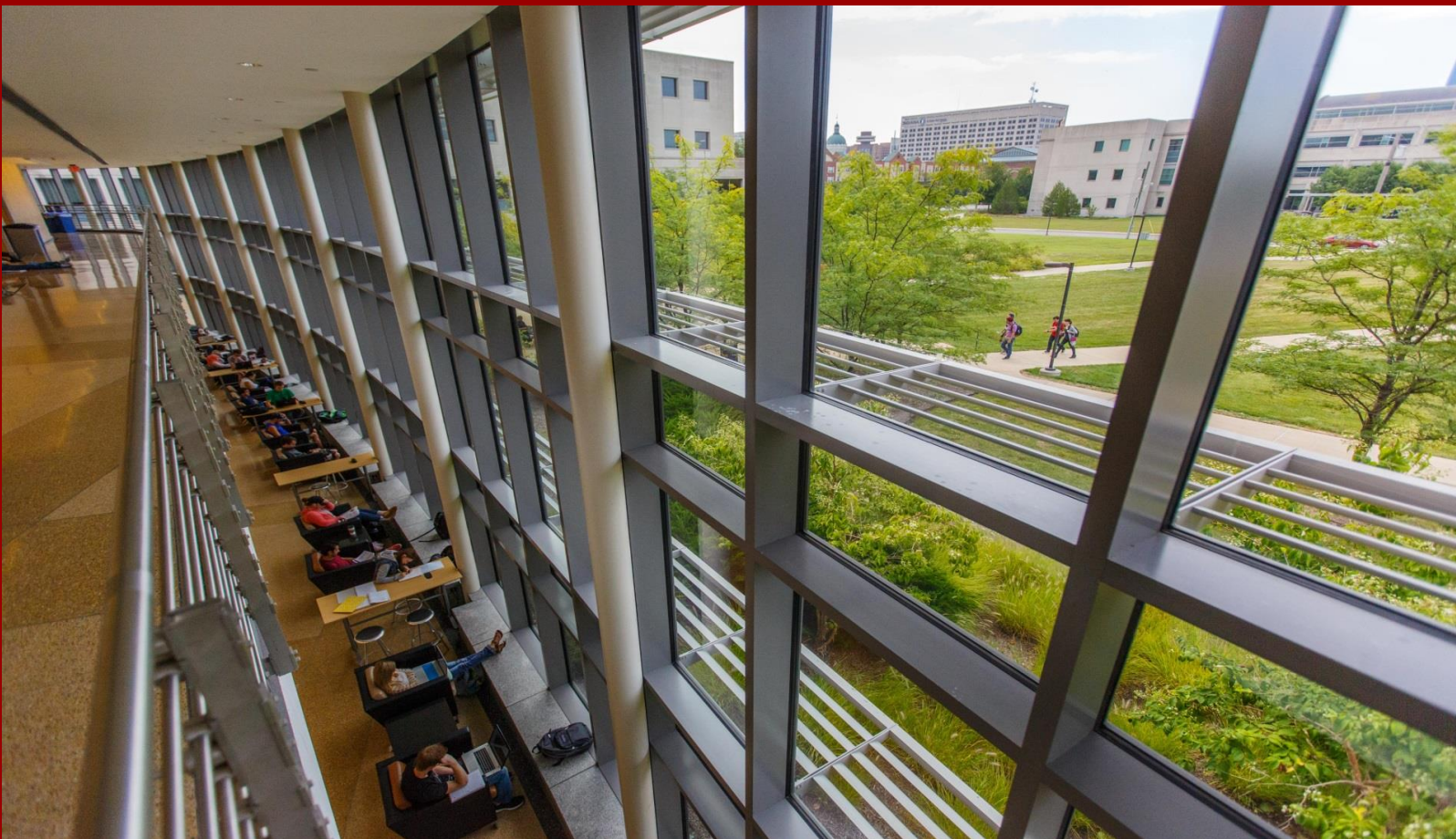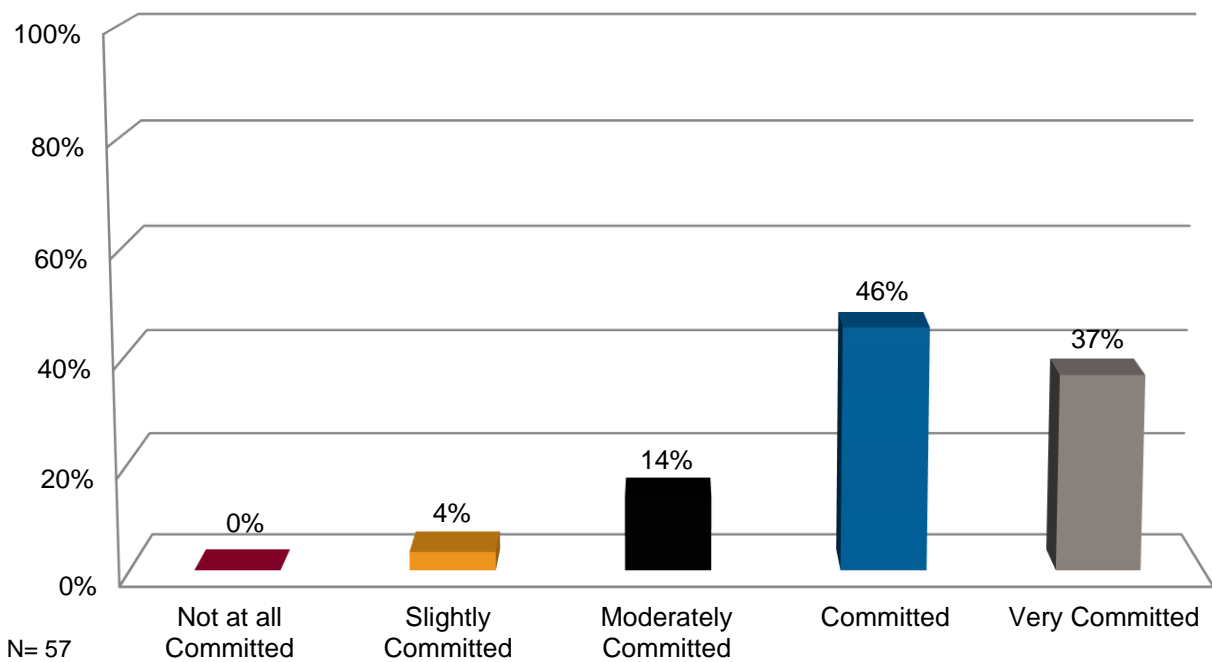| In making a decision to choose your current major, please rate how important the following factors were*:							
	N	Mean	Not Important	Somewhat Important	Moderately Important	Very Important	Extremely Important
			Percentages of Students who have chosen major				
Major is aligned with my interests	59	4.41	1.7	3.4	6.8	28.8	59.3
Major is aligned with the lifestyle I would like to have	59	4.10	1.7	5.2	13.8	39.7	39.7
Major is aligned with my skills and abilities	59	4.08	1.7	3.4	16.9	40.7	37.3
Major is aligned with my personality	59	3.98	3.4	5.1	22.0	28.8	40.7
Availability of jobs in the field	59	3.98	3.4	5.1	15.3	42.4	33.9
Graduates get good jobs	59	3.90	3.4	8.5	16.9	37.3	33.9
High school classes or college classes that spark my interest or awareness	57	3.68	3.5	12.3	19.3	42.1	22.8
Major makes people like me feel welcome	59	3.66	5.1	10.2	27.1	28.8	28.8
Starting salaries are high	59	3.64	3.4	6.8	37.3	27.1	25.4
Media (TV, social media, newspapers, commercials, movies) that spark my interest or awareness	57	3.44	10.5	8.8	29.8	28.1	22.8
Good grades in previous courses	57	3.40	7.0	10.5	35.1	29.8	17.5
IUPUI specific communications that sparked my interest or awareness	57	3.05	15.8	15.8	28.1	28.1	12.3
My parents/relatives recommendation	57	2.89	17.5	19.3	33.3	15.8	14.0
Advisor or guidance counselor recommendation	57	2.82	22.8	17.5	26.3	21.1	12.3
My friends recommendation	57	2.61	28.1	21.1	26.3	10.5	14.0

1= Not Important, 2=Somewhat Important, 3=Moderately Important, 4=Very Important, 5=Extremely Important
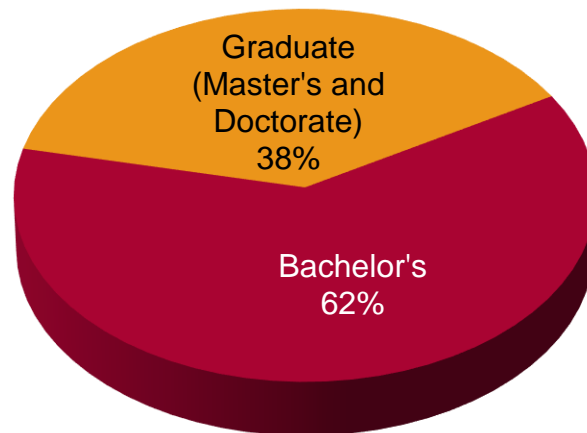* Of those who indicated they have chosen a major
Rank ordered by means
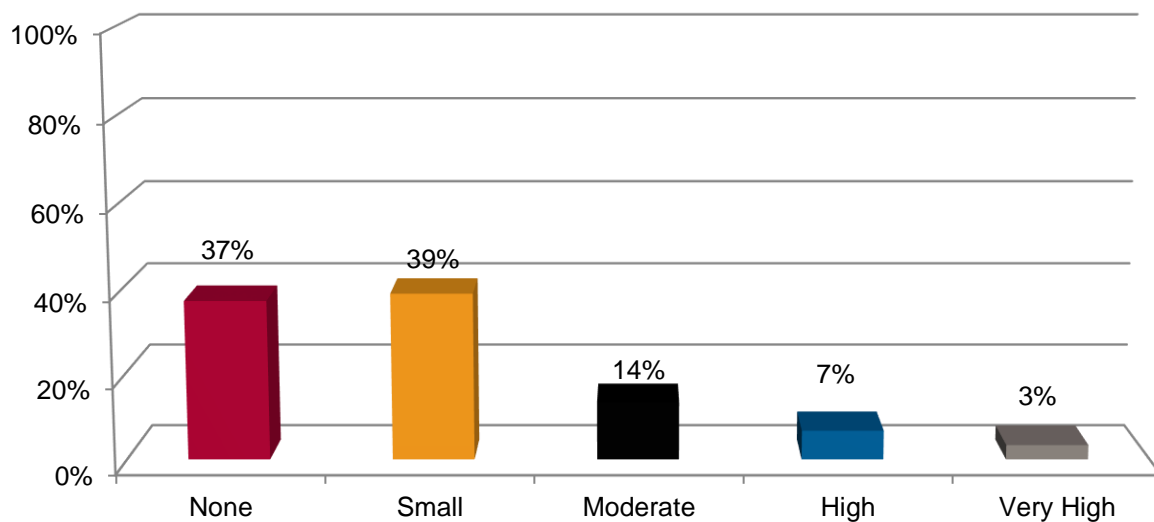
How committed are you to your current major?

Bar chart showing responses:
- Not at all Committed: 0%
- Slightly Committed: 4%
- Moderately Committed: 14%
- Committed: 46%
- Very Committed: 37%

N= 57

ACADEMIC FUTURE

What is the highest college degree you expect to obtain?
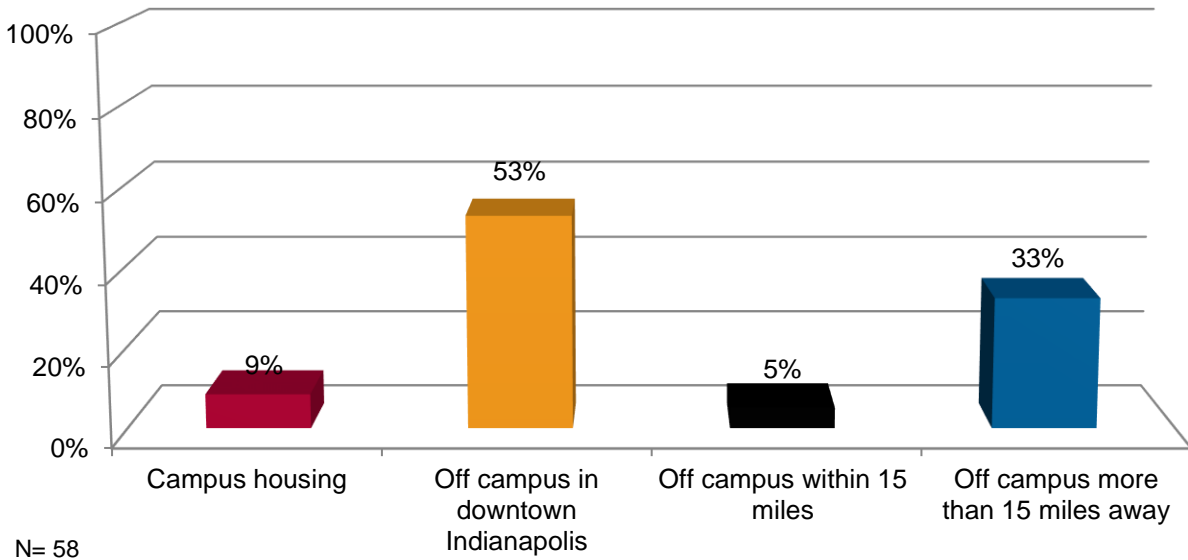

N=60

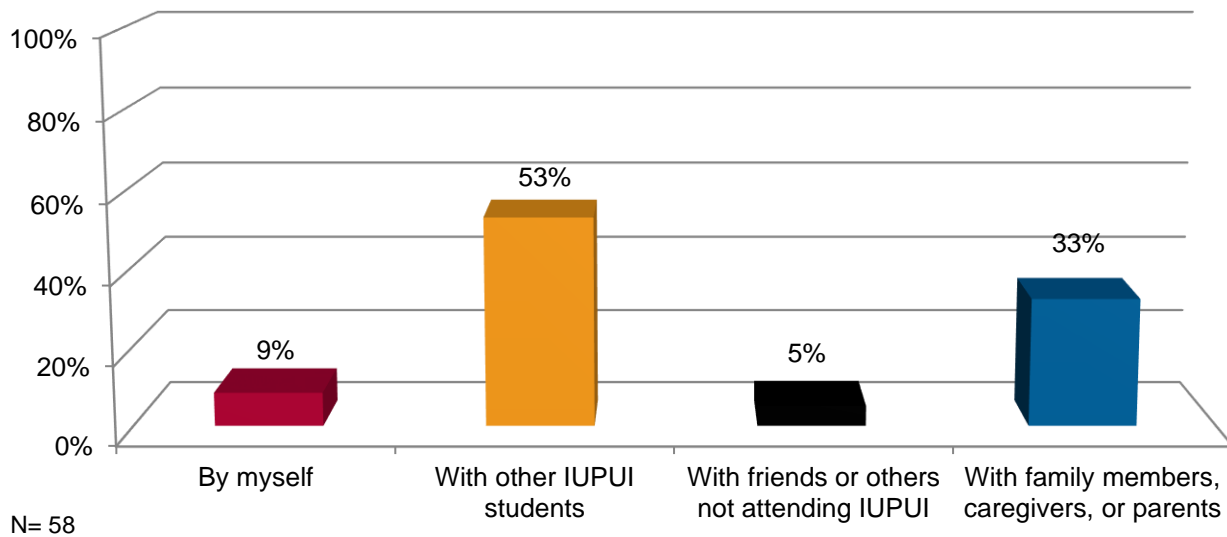### What is the likelihood that you will transfer from IUPUI to another college?

N= 59

EXPECTED LIVING SITUATION

Where do you plan to live for your first year?

N= 58

	Campus housing	Off campus in downtown Indianapolis	Off campus within 15 miles	Off campus more than 15 miles away
	9%	53%	5%	33%

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

N= 58

	By myself	With other IUPUI students	With friends or others not attending IUPUI	With family members, caregivers, or parents
	9%	53%	5%	33%

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