

Transfer Students Predictors of Success (Persistence and Academic Performance)

- Transferring in as a Junior or Senior (based on credits)
- Being directly admitted into a school at entry
- · Being an International student
- · Being older
- High Socioeconomic Status (SES) (not Pell Eligible)
- Not being First Generation
- High Transfer In GPA
- Enrolling in 15 or more credit hours first semester
- · Placing into credit-bearing math at entry
- Achieving satisfactory academic performance in first semester



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Predictors of Success (Fall-Fall Retention IUPUI IN) New Beginners * Sense of Belonging * Institutional Commitment * Institutional Commitment * Institutional Commitment * Institutional Commitment * Think about poals intend to achieve in the future * Change study strategies when do poorly * (External Commitments) Number of hours expected to work off-campus for pay, commute to campus, pilke care of household * Comme to class tate (past behavior) * Ability to seek out appropriate academic help (confidence) * Study skills (confidence) * Emotional health (confidence) * Plan to participate in campus events, student organizations * Plan to enroll in summer courses Covariates: HS GPA, SAT score, Pell Grant * Covariates: Transfer In GPA, Pell Grant

Strongly Disagree Agree Strongly Don't Disagree Know					
Faculty:	Disagree			Agree	KIIOW
Students from Ivy Tech have difficulty with the material in IUPUI classes	3.6	19.6	31.9	25.4	19.6
lvy Tech students come to IUPUI well prepared	17.4	41.3	21.0	1.5	18.8
Professional Staff:					
Students from Ivy Tech have difficulty with the material in IUPUI classes	2.4	22.0	36.6	6.1	32.9
lvy Tech students come to IUPUI well prepared	3.5	34.1	25.9	2.4	34.1

Faculty Perceptions of Transfer Students from Ivy Tech: Academic Preparation

- "Lack of being at the same level as those who have been at IUPUI from the beginning. It is a personal, emotional barrier, as well as an academic one."
- "I believe the hardest barrier to overcome for most transfers is that the coursework at a four year institution can be more rigorous and demanding."
- "Ivy Tech is not providing the same rigor IUPUI does, so students frequently perform poorly which creates a domino effect for subsequent classes."
- "They do not have an orientation toward academic excellence."

INDIANA UNIVERSITY-PURDUE UNIVERSITY
INDIANAPOLIS

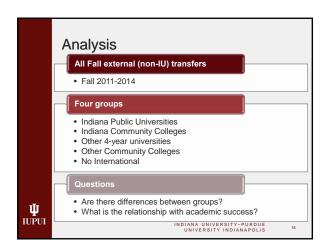
Faculty Perceptions of Transfer Students from Ivy Tech: Academic Skills

- "Ivy Tech science and math does not adequately prepare many transfer students to succeed in higher-level courses. Students become frustrated when their 'foundations' are not strong ... faculty become frustrated when they have to teach remedial or refresher work. Loads of frustration = poor learning environment"
- Lack of understanding about how to consume and conduct social science research. Lack of math achievement.
- "I think a big issue is the lack of math skills and writing skills. They often don't realize that they don't have them and become frustrated that teachers like me expect them to have math and writing skills."



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	So how do transfers from different institutions differ?								
	Gender	Indiana public 4-year colleges and universities	Other 4-year colleges and universities	Indiana Community Colleges	Other Community Colleges				
	Female	55.9	55.2	51.4	48.2				
	Male	44.1	44.8	48.6	51.8				
	Transfers fro	om Community C	colleges are mo	re likely to be	male (α <u><</u> 0.05)				
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	So how do transfers from different institutions differ?								
	Direct Admit	Indiana public 4-year colleges and universities	colleges and	Indiana Community Colleges	Other Community Colleges				
	University College Admits	59.3	55.6	49.4	52.4				
	Dual/Direct Admits	40.7	44.4	50.6	47.6				
Ψ 10Р01	Transfers from Indiana Community Colleges are more likely to be directly admitted into their school of choice ($\alpha \leq 0.05)$								

	So how do transfers from different institutions differ?								
	First Generation		Other 4-year colleges and universities	Indiana Community Colleges	Other Community Colleges				
	Not First Generation	67.1	69.2	60.0	66.4				
	First Generation	32.9	30.8	40.0	33.6				
Ψ 10Р01	Transfers from Indiana Community Colleges are more likely to be First Generation (α ≤ 0.05) INDIANA UNIVERSITY INDIANAPOLIS 18								

	So how do transfers from different institutions differ?								
	Pell Grant	Indiana public 4-year colleges and universities	colleges and	Indiana Community Colleges	Other Community Colleges				
	No Pell	55.5	57.7	42.4	41.4				
	Pell	44.5	42.4	57.6	58.6				
Ф 10Р01	And are more likely to be receiving a Pell grant (along with transfer from other Community Colleges) (α ≤ 0.05)								

	So how do transfers from different institutions differ?						
	Institution Type	Mean Transfer Hours	Standard deviation	Standard Error			
	Indiana public 4-year colleges and universities	43.1	26.2	0.9			
	Other 4-year colleges and universities	41.9	27.0	0.8			
	Indiana Community Colleges ab	50.1	24.7	0.5			
	Other Community Colleges ab	50.3	28.1	1.5			
	Significant differences between this and Indiana public four year colleges Significant differences between this and other four year colleges Community College students transfer in significantly more hours						
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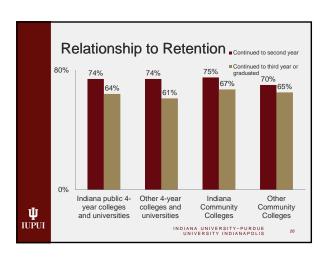
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Ψ IUPUI			ITY-PURDUE IDIANAPOLIS	21		

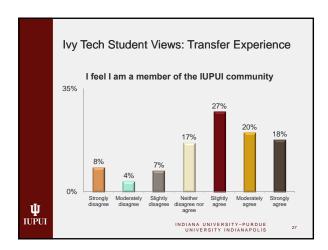
	So how do transfers from different institutions differ?					
	Institution Type	Mean Transfer GPA	Standard deviation	Standard Error		
	Indiana public 4-year colleges and universities	2.63	0.7	0.02		
	Other 4-year colleges and universities ^a	2.83	0.7	0.02		
	Indiana Community Colleges ab	3.08	0.6	0.01		
	Other Community Colleges ab	3.09	0.6	0.03		
	Significant differences between this and Indiana public four year colleges Significant differences between this and other four year colleges And have a higher transfer GPA					
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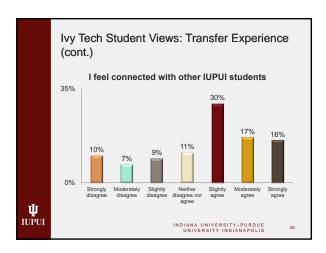
	Relationship to First-Year GPA						
	Label	DF	В	β	Standard Error		
	Intercept	1	2.69		0.10		
	Transfer GPA centered ^	1	0.53	0.37	0.07		
	Transfer Hours centered	1	<0.01	0.07	<0.01		
	Received Pell First Fall Semester ^	1	0.26	0.13	0.12		
	Academic Hope centered	1	0.08	0.07	0.05		
	Direct Admit ^	1	0.23	0.11	0.10		
	First Generation flag	1	-0.01	-0.01	0.14		
	First Gen*Pell	1	-0.32	-0.14	0.19		
-T-	Community College Flag ^	1	-0.33	-0.17	0.10		
Ψ IUPUI	^ Statistically significant effect a $R^2 = 0.20$	INDIA	0.05 NA UNIVERSIT IVERSITY INC		23		

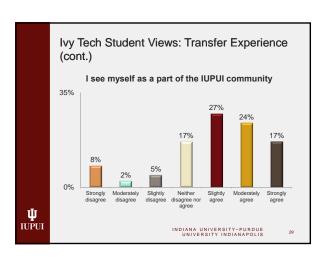
	Relationship to First-Year GPA						
	Institution Type	Mean first-year GPA	Standard deviation	Standard Error			
	Indiana public 4-year colleges and universities	2.59	1.00	0.04			
	Other 4-year colleges and universities	2.66	1.01	0.04			
	Indiana Community Colleges	2.64	0.92	0.02			
	Other Community Colleges	2.70	1.03	0.07			
	No significance differences between groups based on first-year GPA						
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	Relationship to Fall-Fall Retention					
	Label DF B Odds Ratio					
	Intercept	1	-0.46		0.20	
	Transfer GPA ^	1	0.49	1.64	0.07	
	Transfer Hours (divided by 3) ^	1	0.02	1.02	<0.01	
	Received Pell First Fall Semester ^	1	-0.33	0.72	0.11	
	Direct Admit ^	1	0.27	1.31	0.09	
	First Generation	1	-0.22	0.81	0.14	
	First Gen*Pell	1	0.02	1.02	0.18	
	Community College Flag ^	1	-0.23	0.79	0.09	
Ψ IUPUI	^ Statistically significant effect at $\alpha \leq 0.05$ $X^{\diamond}2=140.4$ INDIANA UNIVERSITY - PURDUE UNIVERSITY INDIANAPOLIS 25					

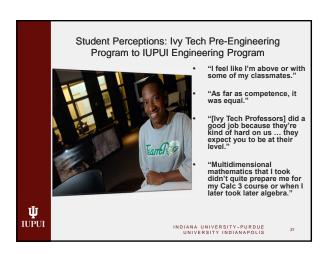








Student Views: Transfer Experience • "IUPUI needs more research opportunities with social sciences." • "Connections with peers of a major being considered" • "Professors being more interested in teaching and being available to students." • "The "Oh Well That's Just How It Is" attitude about policies and how they adversely affect transfer students." • "I also love all of my professors that I have. They are very involved, helpful, and want us to succeed."



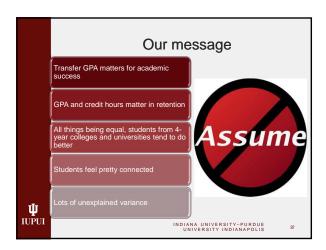


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