



IUPUI INSTITUTIONAL RESEARCH AND DECISION SUPPORT

Demographics and Retention Rates for Fall 2016 and 2017 Beginners Participating in the Diversity Enrichment and Achievement Program (DEAP)

The Diversity Enrichment and Achievement Program (DEAP) at IUPUI provides a supportive community and retention programs in order to aid students' transition to college and foster the success of students from traditionally underrepresented groups (DEAP, 2018). Resources include supervision of student organizations, faculty and peer mentoring, and hosting a variety of events designed to enhance students' connection with IUPUI. While retention rates for African American, Latinx, and two or more races students have traditionally lagged behind IUPUI official retention rates, students who participate in DEAP have been retained at similar or greater levels when compared to all IUPUI students. For further information on IUPUI retention rates, see the Student Retention and Graduation report at the IUPUI Data Link (<https://irds.iupui.edu/data-link/index.html>).

The program was expanded in Fall 2016 in order to accommodate more students and provide housing stipends to some participants. The tables below provide demographic and academic characteristics and well as first-year retention and GPA information for first-time beginners who participated in DEAP compared to African American, Latinx, and students of two or more races from the Fall 2016 and Fall 2017 cohorts. Highlights include the following:

- Seventy-nine percent of DEAP participants from the Fall 2017 beginning student cohort were retained at IUPUI in Fall 2018, compared to 60% of African American, Latinx, and two or more races students who did not participate in DEAP. This difference is statistically significant.
- DEAP participants from the Fall 2017 first-time cohort also had a significantly higher GPA after their first year than similar students who did not participate in DEAP (2.71 average cumulative GPA for DEAP participants compared to 2.38 for non-participants).
- African American students in DEAP had especially strong outcomes. DEAP participants who were African American were more likely to be retained at IUPUI (82%) than non-participants (54%). African American DEAP participants also had a significantly higher GPA in their first year than non-participants (2.55 for participants compared to 2.18 for non-participants).
- Similarly, male beginners who participated in DEAP in 2017 were significantly more likely to be retained and had a significantly high GPA after their first year than African American, Latinx, and Two or more Races male beginners who did not participate.
- Fall 2017 beginners who participated in DEAP were just as likely to be first generation or have a Pell Grant compared to non-participants. DEAP participants, however, had significantly lower levels of unmet financial need and a slightly high school GPA.
- Notably, DEAP participants in both 2016 and 2017 were significantly more likely to be living in campus housing and participate in Summer Bridge.

Retention Rates by Race/Ethnicity for IUPUI DEAP and Non-DEAP Students New to IU in Fall 2017

		Retained 1 Year Indianapolis Campus	Retained 1 Year Any IU Campus	First Fall GPA	Cumulative GPA at Census	Cumulative GPA Below 2.0	Seeking a Bachelor's Degree	High School GPA	Campus Housing	Bridge Participant	First Generation	Pell first fall semester	Unmet need in First Fall Semester	
		N	Percentages	Mean		Percentages		Mean		Percentages			Mean	
<i>DEAP Students</i>	<i>Black/African American</i>	77	82%	83%	2.61	2.55	18%	100%	3.40	57%	69%	27%	66%	\$4,575.65
	<i>Latinx</i>	61	75%	85%	2.86	2.75	15%	100%	3.49	54%	72%	64%	75%	\$4,082.40
	<i>Asian</i>	4	100%	100%	3.35	3.17	0%	100%	3.32	25%	75%	0%	100%	\$4,741.50
	<i>International</i>	6	83%	83%	2.93	3.01	17%	100%	3.58	0%	50%	67%	0%	\$1,2371.00
	<i>Two or More Races</i>	15	80%	80%	3.02	2.88	20%	100%	3.47	47%	67%	27%	47%	\$3,958.01
	<i>White</i>	15	73%	73%	3.11	2.98	7%	93%	3.49	53%	93%	33%	53%	\$2,016.80
	<i>All</i>	178	79%	83%	2.80	2.71	16%	99%	3.45	52%	71%	41%	65%	\$4,220.27
<i>Non-DEAP Students</i>	<i>Black/African American</i>	232	54%	56%	2.15	2.18	39%	99%	3.35	28%	37%	38%	70%	\$6,969.20
	<i>Latinx</i>	316	65%	68%	2.48	2.46	27%	99%	3.40	34%	31%	57%	59%	\$5,694.39
	<i>Two or More Races</i>	191	61%	64%	2.47	2.49	29%	98%	3.39	36%	31%	24%	51%	\$5,245.55
	<i>All</i>	739	60%	63%	2.37	2.38	31%	99%	3.38	33%	33%	42%	61%	\$5,982.41

Bold and Italicized numbers indicate a significant difference between DEAP students and non-DEAP students at $\alpha \leq 0.05$.

Note 1: Missing cases excluded. Percentages rounded to the nearest whole.

Note 2: Comparison group includes all African American, Latinx, and Two or More Races students not included in DEAP.

Note 3: Bolded items significantly different based on chi-square test or independent samples t-test results ($p < .05$).

Note 4: There were 18 DEAP students who received housing stipends in Fall 2016.

Retention Rates by Gender for IUPUI DEAP and Non-DEAP Students New to IU in Fall 2017

		Retained 1 Year Indianapolis Campus	Retained 1 Year Any IU Campus	First Fall GPA	Cumulative GPA at Census	Cumulative GPA Below 2.0	Seeking a Bachelor's Degree	High School GPA	Campus Housing	Bridge Participant	First Generation	Pell first fall semester	Unmet need in First Fall Semester	
		N	Percentages	Mean	Mean	Percentages	Mean	Mean	Percentages	Percentages	Percentages	Percentages	Mean	
<i>DEAP students</i>	<i>Female</i>	124	79%	83%	2.83	2.72	16%	99%	3.45	55%	70%	44%	66%	\$4,151.81
	<i>Male</i>	54	80%	83%	2.73	2.68	15%	100%	3.46	46%	74%	35%	63%	\$4,388.67
	<i>All</i>	178	79%	83%	2.80	2.71	16%	99%	3.45	52%	71%	41%	65%	\$4,220.27
<i>Non-DEAP students</i>	<i>Female</i>	460	61%	65%	2.46	2.48	29%	98%	3.43	36%	35%	45%	65%	\$5,843.61
	<i>Male</i>	279	60%	61%	2.24	2.22	35%	100%	3.30	27%	28%	39%	53%	\$6,220.81
	<i>All</i>	739	60%	63%	2.37	2.38	31%	99%	3.38	33%	33%	42%	61%	\$5,982.41

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Retention Rates by Race/Ethnicity for IUPUI DEAP and Non-DEAP Students New to IU in Fall 2016

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		N	Percentages	Mean		Percentages		Mean		Percentages			Mean	
<i>DEAP Students</i>	<i>Black/African American</i>	104	84%	89%	2.69	2.72	16%	98%	3.32	71%	92%	42%	80%	\$4,031.21
	<i>Latinx</i>	71	72%	80%	2.81	2.77	20%	99%	3.49	55%	96%	58%	66%	\$5,522.78
	<i>Asian</i>	1	100%	100%	1.77	2.49	0%	100%	2.96	0%	0%	0%	100%	\$0.00
	<i>Two or More Races</i>	24	71%	71%	2.78	2.63	13%	96%	3.47	46%	92%	21%	63%	\$3,107.48
	<i>White</i>	1	100%	100%	3.42	3.32	0%	100%	3.67	100%	100%	0%	100%	\$3,000.00
	<i>All</i>	201	78%	84%	2.74	2.73	17%	98%	3.40	62%	93%	45%	73%	\$4,411.54
<i>Non-DEAP Students</i>	<i>Black/African American</i>	267	61%	64%	2.32	2.24	36%	98%	3.33	42%	30%	35%	73%	\$5,903.54
	<i>Latinx</i>	246	64%	69%	2.52	2.43	31%	97%	3.41	45%	35%	52%	62%	\$4,762.24
	<i>Two or More Races</i>	177	63%	66%	2.53	2.48	30%	99%	3.39	37%	24%	32%	51%	\$4,795.23
	<i>All</i>	690	62%	66%	2.44	2.37	33%	98%	3.37	42%	30%	40%	63%	\$5,220.09

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Retention Rates by Gender for IUPUI DEAP and Non-DEAP Students New to IU in Fall 2016

		Retained 1 Year Indianapolis Campus	Retained 1 Year Any IU Campus	First Fall GPA	Cumulative GPA at Census	Cumulative GPA Below 2.0	Seeking a Bachelor's Degree	High School GPA	Campus Housing	Bridge Participant	First Generation	Pell first fall semester	Unmet need in First Fall Semester	
		N	Percentages	Mean	Mean	Percentages	Mean	Mean	Percentages	Percentages	Percentages	Percentages	Mean	
<i>DEAP students</i>	<i>Female</i>	137	81%	88%	2.83	2.79	16%	98%	3.43	69%	93%	47%	76%	\$4,785.42
	<i>Male</i>	64	72%	77%	2.55	2.58	17%	98%	3.34	48%	92%	39%	67%	\$3,585.40
	<i>All</i>	201	78%	84%	2.74	2.73	17%	98%	3.40	62%	93%	45%	73%	\$4,411.54
<i>Non-DEAP students</i>	<i>Female</i>	448	63%	68%	2.51	2.45	30%	97%	3.42	46%	34%	42%	67%	\$5,241.08
	<i>Male</i>	242	61%	63%	2.31	2.22	38%	99%	3.29	33%	22%	36%	57%	\$5,180.32
	<i>All</i>	690	62%	66%	2.44	2.37	33%	98%	3.37	42%	30%	40%	63%	\$5,220.09

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