



IUPUI INSTITUTIONAL RESEARCH AND DECISION SUPPORT

Demographics and Retention Rates for Fall 2016, 2017, and 2018

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>).

Tables below provide demographic and academic characteristics as 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, Fall 2017, and Fall 2018 cohorts. Highlights include the following:

- Seventy-three percent of DEAP participants from the Fall 2018 beginning student cohort were retained at IUPUI in Fall 2019, compared to 65% 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 2018 first-time cohort also had a significantly higher GPA after their first fall semester than similar students who did not participate in DEAP (2.64 average first fall GPA for DEAP participants compared to 2.46 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 any IU campus (75%) than non-participants (61%). It should be noted that African American students participating in DEAP had a significantly higher high school GPA, were significantly more likely to be living in Campus Housing, and were also more likely to participate in Summer Bridge.
- Similarly, female beginners who participated in DEAP in 2018 were significantly more likely to be retained and had a significantly higher GPA after their first semester than African American, Latinx, and Two or More Races female beginners who did not participate.
- Fall 2017 beginners who participated in DEAP were significantly more likely to be retained both at IUPUI and at any IU campus than similar students who did not participate. DEAP participants from that cohort had also earned a significantly higher IU Cumulative GPA after 2 years than non-participants. Fall 2016 DEAP beginners were also significantly more likely to be retained and had a higher cumulative GPA after their third year than similar students who started at the same time.

Retention Rates by Race/Ethnicity for IUPUI DEAP and Non-DEAP Students New to IU in Fall 2018

		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>	81	70%	75%	2.47	2.33	28%	100%	3.38	67%	68%	33%	67%	\$6,334.69
	<i>Latinx</i>	73	75%	78%	2.72	2.61	21%	99%	3.39	59%	58%	64%	68%	\$5,205.32
	<i>Asian</i>	5	100%	100%	3.03	2.88	0%	100%	3.56	0%	80%	20%	60%	\$6,191.25
	<i>International</i>	7	71%	71%	2.80	2.89	14%	100%	3.46	0%	29%	86%	0%	\$21,385.00
	<i>Two or More Races</i>	26	69%	73%	2.76	2.70	19%	100%	3.52	69%	65%	27%	54%	\$5,480.99
	<i>White</i>	14	79%	79%	2.80	2.77	14%	100%	3.40	71%	50%	50%	64%	\$3,640.22
	<i>All</i>	206	73%	77%	2.64	2.54	22%	<100%	3.41	61%	62%	46%	63%	\$5694.50
<i>Non-DEAP Students</i>	<i>Black/African American</i>	198	58%	61%	2.20	2.19	38%	99%	3.28	34%	24%	35%	66%	\$7,409.47
	<i>Latinx</i>	331	68%	73%	2.52	2.60	21%	99%	3.45	35%	32%	54%	59%	\$4,422.77
	<i>Two or More Races</i>	185	66%	70%	2.63	2.62	23%	98%	3.43	35%	25%	26%	43%	\$5,161.74
	<i>All</i>	714	65%	69%	2.46	2.46	26%	99%	3.40	35%	28%	42%	57%	\$5,461.25

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 ($p < .05$).

Retention Rates by Gender for IUPUI DEAP and Non-DEAP Students New to IU in Fall 2018

		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>	161	74%	78%	2.69	2.61	20%	99%	3.42	65%	61%	48%	64%	\$5,501.78
	<i>Male</i>	45	71%	71%	2.46	2.29	31%	100%	3.36	47%	64%	38%	60%	\$6,410.33
	<i>All</i>	206	73%	77%	2.64	2.54	22%	<100%	3.41	61%	62%	46%	63%	\$5,694.50
<i>Non-DEAP students</i>	<i>Female</i>	429	64%	69%	2.47	2.52	26%	99%	3.42	37%	29%	42%	60%	\$5,410.56
	<i>Male</i>	285	66%	69%	2.46	2.44	27%	99%	3.37	31%	26%	41%	52%	\$5,537.02
	<i>All</i>	714	65%	69%	2.46	2.49	26%	99%	3.40	35%	28%	42%	57%	\$5,461.25

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

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

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

			Retained 2 Years Indianapolis Campus	Retained 2 Years Any IU Campus	Cumulative GPA at Fall 2019 Census	Cumulative GPA Below 2.0 at Fall 2019 Census
		N	Percentages		Mean	Percentages
<i>DEAP Students</i>	<i>Black/African American</i>	77	75%	77%	2.54	22%
	<i>Latinx</i>	61	59%	66%	2.68	20%
	<i>Asian</i>	4	100%	100%	3.19	0%
	<i>International</i>	6	83%	83%	2.95	17%
	<i>Two or More Races</i>	15	67%	67%	2.64	27%
	<i>White</i>	15	67%	67%	2.78	20%
	<i>All</i>	178	69%	72%	2.65	21%
<i>Non-DEAP Students</i>	<i>Black/African American</i>	232	45%	48%	2.17	40%
	<i>Latinx</i>	316	55%	59%	2.40	30%
	<i>Two or More Races</i>	191	49%	52%	2.43	29%
	<i>All</i>	739	50%	54%	2.34	33%

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: Cumulative GPA and Cumulative GPA below 2.0 includes students who were not retained in prior semesters.

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

			Retained 2 Years Indianapolis Campus	Retained 2 Years Any IU Campus	Cumulative GPA at Fall 2019 Census	Cumulative GPA Below 2.0 at Fall 2019 Census
		N	Percentages		Mean	Percentage
<i>DEAP students</i>	<i>Female</i>	124	69%	73%	2.66	20%
	<i>Male</i>	54	69%	70%	2.62	22%
	<i>All</i>	178	69%	72%	2.65	21%
<i>Non-DEAP students</i>	<i>Female</i>	460	50%	55%	2.45	30%
	<i>Male</i>	279	50%	52%	2.16	37%
	<i>All</i>	739	50%	54%	2.34	33%

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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: Cumulative GPA and Cumulative GPA below 2.0 includes students who were not retained in prior semesters.

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

			Retained 3 Years Indianapolis Campus	Retained 3 Years Any IU Campus	Cumulative GPA at Fall 2019 Census	Cumulative GPA Below 2.0 at Fall 2019 Census
		N	Percentages		Mean	Percentages
<i>DEAP Students</i>	<i>Black/African American</i>	104	64%	71%	2.63	22%
	<i>Latinx</i>	71	56%	66%	2.68	25%
	<i>Asian</i>	1	100%	100%	3.15	0%
	<i>Two or More Races</i>	24	58%	58%	2.43	38%
	<i>White</i>	1	100%	100%	3.13	0%
	<i>All</i>	201	61%	68%	2.63	25%
<i>Non-DEAP Students</i>	<i>Black/African American</i>	267	46%	49%	2.21	37%
	<i>Latinx</i>	246	48%	53%	2.37	33%
	<i>Two or More Races</i>	177	47%	50%	2.41	34%
	<i>All</i>	690	47%	51%	2.32	35%

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.

Note 5: Cumulative GPA and Cumulative GPA below 2.0 includes students who were not retained in prior semesters.

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

			Retained 3 Years Indianapolis Campus	Retained 3 Years Any IU Campus	Cumulative GPA at Fall 2019 Census	Cumulative GPA Below 2.0 at Fall 2019 Census
		N	Percentages		Mean	Percentages
<i>DEAP students</i>	<i>Female</i>	137	63%	70%	2.69	23%
	<i>Male</i>	64	58%	64%	2.50	30%
	<i>All</i>	201	61%	68%	2.63	25%
<i>Non-DEAP students</i>	<i>Female</i>	448	50%	54%	2.42	31%
	<i>Male</i>	242	41%	44%	2.13	42%
	<i>All</i>	690	47%	51%	2.32	35%

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