



IUPUI INSTITUTIONAL RESEARCH AND DECISION SUPPORT

Demographics and Retention Rates for Fall 2019, 2020, and 2021

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, 2022). 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 2019, Fall 2020, and Fall 2021 cohorts. Highlights include the following:

- Seventy-eight percent of DEAP participants from the Fall 2021 beginning student cohort were retained at IUPUI in Fall 2022, compared to 61% of African American, Latinx, and Two or More Races students who did not participate in DEAP.
- African American students in DEAP had especially strong outcomes. DEAP participants who were African American earned a significantly higher GPA in their first fall semester compared to students who did not participate in DEAP (2.63 for participants compared to 2.12 for non-participants), and were significantly more likely to be retained at IUPUI (80% of DEAP participants compared to 60% of non-participants). It should be noted that African American students participating in DEAP were significantly more likely to be living in Campus Housing, more likely to participate in Summer Bridge, and were less likely to be receiving a Pell grant in the first Fall semester.
- Latinx DEAP students also had particularly strong outcomes. Eighty-four percent of Latinx beginners participating in DEAP were retained at IUPUI compared to 61% of non-DEAP Latinx beginners. Similarly, Latinx DEAP beginners earned an average of 2.68 in their first fall semester compared to 2.33 for Latinx beginners not in DEAP.
- The effects of DEAP were similar for both male and female students. Male DEAP participants were significantly more likely to be retained at IUPUI than non-participants (79% of male DEAP participants were retained at IUPUI compared to 58% of non-participants). The results were similar for female DEAP participants (77% of female DEAP participants were retained compared to 63% of non-participants).
- Fall 2020 African American and Latinx beginners who participated in DEAP were more likely to be retained at IUPUI than similar students who did not participate. Fall 2020 female beginners who participated in DEAP were more likely to be retained than similar male beginners who did not participate.

Retention Rates by Race/Ethnicity for IUPUI DEAP and Non-DEAP Students New to IU in Fall 2021

		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>	80	80%	81%	2.63	2.61	21%	99%	3.50	65%	78%	33%	56%	\$4,794
	<i>Latinx</i>	68	84%	85%	2.68	2.72	13%	100%	3.50	44%	78%	54%	72%	\$4,496
	<i>Asian American</i>	1	100%	100%	3.54	3.69	0%	100%	3.38	100%	100%	100%	0%	\$0
	<i>International</i>	1	100%	100%	3.68	3.25	0%	100%	3.20	0%	100%	0%	0%	\$25,756
	<i>Two or More Races</i>	25	52%	56%	2.46	2.31	40%	100%	3.41	72%	80%	36%	68%	\$5,457
	<i>White</i>	8	75%	75%	2.99	2.69	25%	100%	3.60	63%	75%	50%	63%	\$3,814
	<i>All</i>	183	78%	79%	2.65	2.62	21%	100%	3.49	58%	78%	42%	63%	\$4,821
<i>Non-DEAP Students</i>	<i>Black/African American</i>	258	60%	62%	2.12	2.22	37%	99%	3.41	43%	30%	32%	74%	\$5,962
	<i>Latinx</i>	447	61%	64%	2.23	2.33	33%	100%	3.51	27%	27%	53%	59%	\$4,484
	<i>Two or More Races</i>	152	63%	65%	2.55	2.54	28%	100%	3.47	36%	34%	27%	45%	\$4,493
	<i>All</i>	857	61%	63%	2.25	2.33	33%	100%	3.47	33%	29%	42%	61%	\$4,933

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 and italicized items significantly different based on chi-square test or independent samples t-test results ($p < .05$). Bold items were not significantly different but meaningful.

Retention Rates by Gender for IUPUI DEAP and Non-DEAP Students New to IU in Fall 2021

		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>Female</i>	136	77%	79%	2.63	2.59	23%	99%	3.52	59%	74%	43%	63%	\$4,764
	<i>Male</i>	47	79%	81%	2.70	2.72	15%	100%	3.40	55%	91%	38%	66%	\$4,988
	<i>All</i>	183	78%	79%	2.65	2.62	21%	99%	3.49	58%	78%	42%	63%	\$4,821
<i>Non-DEAP students</i>	<i>Female</i>	520	63%	65%	2.26	2.35	33%	100%	3.51	35%	30%	46%	68%	\$4,474
	<i>Male</i>	337	58%	61%	2.25	2.31	34%	100%	3.42	31%	28%	35%	51%	\$5,669
	<i>All</i>	857	61%	63%	2.25	2.33	33%	100%	3.47	33%	29%	42%	61%	\$4,933

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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 ($p < .05$).

Retention Rates to Second Year by Race/Ethnicity for IU/UI DEAP and Non-DEAP Students New to IU in Fall 2020

		Retained 2 Years Indianapolis Campus	Retained 2 Years Any IU Campus	Cumulative GPA at Fall 2022 Census	Cumulative GPA Below 2.0 at Fall 2022 Census	
		N	Percentages	Mean	Percentages	
<i>DEAP Students</i>	<i>Black/African American</i>	71	68%	72%	2.48	31%
	<i>Latinx</i>	63	73%	73%	2.78	21%
	<i>Asian</i>	2	100%	100%	3.65	0%
	<i>International</i>	4	50%	50%	2.30	25%
	<i>Two or More Races</i>	16	50%	50%	2.55	31%
	<i>White</i>	2	100%	100%	3.68	0%
	<i>All</i>	158	68%	70%	2.64	26%
<i>Non-DEAP Students</i>	<i>Black/African American</i>	251	49%	51%	2.29	32%
	<i>Latinx</i>	403	50%	55%	2.36	30%
	<i>Two or More Races</i>	180	59%	61%	2.58	28%
	<i>All</i>	834	52%	55%	2.39	30%

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 2020

			Retained 2 Years Indianapolis Campus	Retained 2 Years Any IU Campus	Cumulative GPA at Fall 2022 Census	Cumulative GPA Below 2.0 at Fall 2022 Census
		N	Percentages		Mean	Percentage
<i>DEAP students</i>	<i>Female</i>	124	69%	72%	2.68	25%
	<i>Male</i>	34	65%	65%	2.48	32%
	<i>All</i>	158	68%	70%	2.64	26%
<i>Non-DEAP students</i>	<i>Female</i>	524	54%	57%	2.42	29%
	<i>Male</i>	310	48%	52%	2.33	32%
	<i>All</i>	834	52%	55%	2.39	30%

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 Third Year by Race/Ethnicity for IUPUI DEAP and Non-DEAP Students New to IU in Fall 2019

		Retained 3 Years Indianapolis Campus	Retained 3 Years Any IU Campus	Cumulative GPA at Fall 2022 Census	Cumulative GPA Below 2.0 at Fall 2022 Census	
		N	Percentages	Mean	Percentages	
<i>DEAP Students</i>	<i>Black/African American</i>	100	54%	56%	2.40	29%
	<i>Latinx</i>	46	57%	61%	2.66	22%
	<i>Asian American</i>	1	0%	0%	0.98	100%
	<i>International</i>	1	100%	100%	2.90	0%
	<i>Two or More Races</i>	21	62%	62%	2.93	10%
	<i>White</i>	2	50%	50%	2.14	50%
	<i>All</i>	171	56%	58%	2.52	25%
<i>Non-DEAP Students</i>	<i>Black/African American</i>	239	46%	49%	2.27	34%
	<i>Latinx</i>	457	55%	59%	2.60	23%
	<i>Two or More Races</i>	192	49%	54%	2.56	28%
	<i>All</i>	888	51%	55%	2.50	27%

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 Third Year by Gender for IUPUI DEAP and Non-DEAP Students New to IU in Fall 2019

			Retained 3 Years Indianapolis Campus	Retained 3 Years Any IU Campus	Cumulative GPA at Fall 2022 Census	Cumulative GPA Below 2.0 at Fall 2022 Census
		N	Percentages		Mean	Percentage
<i>DEAP students</i>	<i>Female</i>	126	55%	58%	2.57	23%
	<i>Male</i>	45	58%	58%	2.38	33%
	<i>All</i>	171	56%	58%	2.52	25%
<i>Non-DEAP students</i>	<i>Female</i>	556	54%	58%	2.59	23%
	<i>Male</i>	332	47%	51%	2.35	33%
	<i>All</i>	888	51%	55%	2.50	27%

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