Demographics and Retention Rates for Fall 2018, 2019, and 2020
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, 2021). 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 2018, Fall 2019, and Fall 2020 cohorts. Highlights include the following:

- Seventy-eight percent of DEAP participants from the Fall 2020 beginning student cohort were retained at IUPUI in Fall 2020, compared to 63% of African American, Latinx, and Two or More Races students who did not participate in DEAP. Similarly, DEAP students were significantly more likely to be retained at IUPUI with a GPA above 2.0 than comparable students who did not participate in DEAP (68% of DEAP students were retained with a GPA of 2.0 or greater compared to 55% of non-participants).

- 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 (2.60 for participants compared to 2.11 for non-participants), and were significantly more likely to be retained with a GPA above 2.0 (66% of DEAP participants compared to 52% of non-participants). It should be noted that African American students participating in DEAP were significantly more likely to be living in Campus Housing and were also more likely to participate in Summer Bridge.

- Fall 2019 African American and Latinx beginners who participated in DEAP were more likely to be retained both at IUPUI and at any IU campus than similar students who did not participate. Fall 2019 male beginners who participated in DEAP were more likely to be retained than similar male beginners who did not participate.

- Fall 2018 DEAP beginners were slightly more likely to be retained either at IU or IUPUI 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 2020

		N	Retained 1 Year Indianapolis Campus	Retained 1 Year Any IU Campus	First Fall GPA	Cumulative GPA at Census	Cumulative GPA Below 2.0	Retained 1 Year at IUPUI and GPA above 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
			Percentages		Mean		Percentages			Mean	Percentages				Mean
DEAP Students	*Black/African American*	71	**79%**	**80%**	**2.60**	2.52	29%	**66%**	99%	3.41	**54%**	**44%**	34%	70%	$5,262
	Latinx	63	**76%**	**79%**	**2.86**	**2.76**	23%	**68%**	100%	**3.60**	**41%**	**38%**	60%	60%	$4,224
	Asian American	2	100%	100%	3.95	3.83	0%	100%	100%	3.98	100%	0%	50%	50%	$0
	International	4	75%	75%	2.33	2.22	25%	75%	100%	3.40	0%	25%	50%	0%	$23,668
	Two or More Races	16	75%	75%	2.83	2.66	19%	69%	100%	3.48	**69%**	**38%**	38%	63%	$4,668
	White	2	100%	100%	4.00	3.80	0%	100%	100%	3.70	100%	50%	50%	50%	$0
	All	158	**78%**	**80%**	**2.75**	2.66	24%	**68%**	99%	3.50	**50%**	**40%**	46%	63%	$4,759
Non-DEAP Students	*Black/African American*	251	**59%**	**61%**	**2.19**	2.23	34%	**52%**	100%	3.41	**27%**	**16%**	33%	69%	$7,048
	Latinx	403	**62%**	**64%**	**2.33**	**2.33**	32%	**55%**	100%	**3.47**	**21%**	**14%**	54%	58%	$5,714
	Two or More Races	180	70%	72%	2.60	2.60	30%	60%	99%	3.52	**28%**	**13%**	31%	55%	$4,943
	All	834	**63%**	**65%**	**2.34**	2.36	32%	**55%**	100%	3.47	**24%**	**14%**	43%	60%	$5,956

Bold and Italicized numbers indicate a significant difference between DEAP students and non-DEAP students at α ≤ 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 2020

		N	Retained 1 Year Indianapolis Campus	Retained 1 Year Any IU Campus	First Fall GPA	Cumulative GPA at Census	Cumulative GPA Below 2.0	Retained 1 Year at IUPUI and GPA above 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
			Percentages		Mean			Percentages		Mean		Percentages			Mean
DEAP students	Female	124	*81%*	*82%*	*2.80*	*2.71*	21%	*72%*	99%	3.53	*50%*	*45%*	48%	62%	$4,544
	Male	34	68%	71%	2.58	2.44	35%	55%	100%	3.41	*50%*	21%	38%	68%	$5,543
	All	158	78%	80%	*2.75*	2.66	24%	*68%*	99%	3.50	*50%*	*40%*	46%	63%	$4,759
Non-DEAP students	Female	524	*65%*	*67%*	*2.37*	*2.39*	32%	*57%*	100%	3.51	*27%*	*15%*	42%	65%	$5,752
	Male	310	59%	61%	2.30	2.31	32%	50%	99%	3.38	*21%*	14%	45%	53%	$6,312
	All	834	63%	65%	*2.34*	2.36	32%	*55%*	100%	3.47	*24%*	*14%*	43%	60%	$5,956

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

			Retained 2 Years Indianapolis Campus	Retained 2 Years Any IU Campus	Cumulative GPA at Fall 2020 Census	Cumulative GPA Below 2.0 at Fall 2020 Census
		N	Percentages		Mean	Percentages
DEAP Students	Black/African American	100	59%	**66%**	2.37	29%
	Latinx	46	72%	76%	2.63	24%
	Asian American	1	0%	0%	0.98	100%
	International	1	100%	100%	3.19	0%
	Two or More Races	21	67%	67%	2.91	10%
	White	2	50%	50%	2.01	50%
	All	171	63%	68%	2.50	26%
Non-DEAP Students	Black/African American	239	51%	**54%**	2.23	36%
	Latinx	457	62%	65%	2.55	25%
	Two or More Races	192	54%	58%	2.54	26%
	All	888	57%	61%	2.46	28%

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 2019

		N	Retained 2 Years Indianapolis Campus	Retained 2 Years Any IU Campus	Cumulative GPA at Fall 2020 Census	Cumulative GPA Below 2.0 at Fall 2020 Census
			Percentages		Mean	Percentage
DEAP students	Female	126	63%	69%	2.56	21%
	Male	45	62%	67%	2.31	40%
	All	171	63%	68%	2.50	26%
Non-DEAP students	Female	556	60%	63%	2.55	25%
	Male	332	52%	56%	2.31	34%
	All	888	57%	61%	2.46	28%

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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 2018

			Retained 3 Years Indianapolis Campus	Retained 3 Years Any IU Campus	Cumulative GPA at Fall 2020 Census	Cumulative GPA Below 2.0 at Fall 2020 Census
		N	Percentages		Mean	Percentages
DEAP Students	Black/African American	81	57%	**63%**	2.47	**26%**
	Latinx	73	53%	56%	2.57	27%
	Asian	5	100%	100%	2.87	20%
	International	7	71%	71%	2.83	14%
	Two or More Races	26	54%	58%	2.73	19%
	White	14	50%	50%	2.85	14%
	All	206	56%	60%	2.58	24%
Non-DEAP Students	Black/African American	198	45%	**47%**	2.20	**39%**
	Latinx	331	58%	63%	2.61	22%
	Two or More Races	185	51%	56%	2.60	27%
	All	714	53%	57%	2.49	28%

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

		N	Retained 3 Years Indianapolis Campus	Retained 3 Years Any IU Campus	Cumulative GPA at Fall 2020 Census	Cumulative GPA Below 2.0 at Fall 2020 Census
			Percentages		Mean	Percentage
DEAP students	Female	161	56%	60%	2.66	21%
	Male	45	58%	60%	2.33	36%
	All	206	56%	60%	2.58	24%
Non-DEAP students	Female	429	51%	57%	2.53	27%
	Male	285	54%	56%	2.43	30%
	All	714	53%	57%	2.49	28%

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Note 4: Cumulative GPA and Cumulative GPA below 2.0 includes students who were not retained in prior semesters.