



IUPUI INSTITUTIONAL RESEARCH AND DECISION SUPPORT

Demographics and Retention Rates for Fall 2017, 2018, and 2019

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 2017, Fall 2018, and Fall 2019 cohorts. Highlights include the following:

- Seventy-four percent of DEAP participants from the Fall 2019 beginning student cohort were retained at IUPUI in Fall 2019, compared to 71% 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 (2.51 for participants compared to 2.22 for non-participants), and were significantly more likely to be retained with a GPA above 2.0 (67% of DEAP participants compared to 56% 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.
- Similarly, male beginners who participated in DEAP in 2019 were slightly more likely to be retained and had a slightly higher GPA after their first semester than African American, Latinx, and Two or More Races female beginners who did not participate.
- Fall 2018 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. African American participants from that cohort had also earned a significantly higher IU Cumulative GPA after 2 years than non-participants.
- Fall 2017 DEAP beginners were significantly 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 2019

		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	
		N	Percentages		Mean		Percentages		Mean	Percentages				Mean	
<i>DEAP Students</i>	<i>Black/African American</i>	100	73%	76%	2.50	2.51	25%	67%	100%	3.33	56%	63%	42%	73%	\$7,529
	<i>Latinx</i>	46	78%	83%	2.64	2.76	18%	72%	100%	3.47	52%	65%	63%	70%	\$6,553
	<i>Asian</i>	1	0%	0%	2.15	0.98	100%	0%	100%	3.34	0%	0%	100%	100%	\$12,066
	<i>International</i>	1	100%	100%	3.35	3.56	0%	100%	100%	3.88	0%	100%	100%	0%	--
	<i>Two or More Races</i>	21	76%	76%	2.80	2.89	15%	67%	95%	3.50	76%	62%	38%	71%	\$4,476
	<i>White</i>	2	50%	50%	1.47	1.68	50%	50%	100%	3.05	100%	100%	100%	100%	\$355
	<i>All</i>	171	74%	77%	2.56	2.61	22%	68%	99%	3.39	57%	64%	49%	72%	\$6,830
<i>Non-DEAP Students</i>	<i>Black/African American</i>	239	69%	70%	2.22	2.31	32%	56%	98%	3.33	35%	33%	28%	66%	\$7,615
	<i>Latinx</i>	457	73%	75%	2.48	2.59	23%	65%	99%	3.44	30%	35%	55%	61%	\$6,047
	<i>Two or More Races</i>	192	70%	74%	2.49	2.63	24%	62%	99%	3.50	44%	34%	26%	48%	\$6,362
	<i>All</i>	888	71%	74%	2.41	2.53	26%	62%	99%	3.42	34%	34%	42%	60%	\$6,540

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 2019

		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	
		N	Percentages	Mean	Percentages			Mean	Percentages			Mean			
<i>DEAP students</i>	<i>Female</i>	126	74%	77%	2.62	2.68	20%	68%	99%	3.44	54%	61%	49%	72%	\$6,473
	<i>Male</i>	45	76%	78%	2.39	2.43	29%	67%	100%	3.26	67%	71%	47%	71%	\$7,822
	<i>All</i>	171	74%	77%	2.56	2.61	22%	68%	99%	3.39	57%	64%	49%	72%	\$6,830
<i>Non-DEAP students</i>	<i>Female</i>	556	74%	77%	2.54	2.63	23%	66%	98%	3.47	36%	35%	42%	60%	\$6,175
	<i>Male</i>	332	66%	69%	2.20	2.35	31%	55%	100%	3.33	31%	34%	40%	59%	\$7,163
	<i>All</i>	888	71%	74%	2.41	2.53	26%	62%	99%	3.42	34%	34%	42%	60%	\$6,540

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

		Retained 2 Years Indianapolis Campus	Retained 2 Years Any IU Campus	Cumulative GPA at Fall 2020 Census	Cumulative GPA Below 3.0 at Fall 2020 Census	
		N	Percentages	Mean	Percentages	
<i>DEAP Students</i>	<i>Black/African American</i>	81	70%	74%	2.47	26%
	<i>Latinx</i>	73	66%	70%	2.60	23%
	<i>Asian</i>	5	100%	100%	2.82	0%
	<i>International</i>	7	71%	71%	2.87	14%
	<i>Two or More Races</i>	26	58%	62%	2.68	19%
	<i>White</i>	14	64%	64%	2.86	14%
	<i>All</i>	206	67%	71%	2.59	22%
<i>Non-DEAP Students</i>	<i>Black/African American</i>	198	51%	53%	2.19	39%
	<i>Latinx</i>	331	62%	66%	2.61	21%
	<i>Two or More Races</i>	185	59%	63%	2.61	27%
	<i>All</i>	714	58%	62%	2.49	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 2018

			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	Percentage
<i>DEAP students</i>	<i>Female</i>	161	70%	74%	2.66	19%
	<i>Male</i>	45	60%	60%	2.34	36%
	<i>All</i>	206	67%	71%	2.59	22%
<i>Non-DEAP students</i>	<i>Female</i>	429	56%	60%	2.53	26%
	<i>Male</i>	285	61%	64%	2.43	29%
	<i>All</i>	714	58%	62%	2.49	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 2017

		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	
<i>DEAP Students</i>	<i>Black/African American</i>	77	67%	68%	2.58	21%
	<i>Latinx</i>	61	54%	59%	2.69	18%
	<i>Asian</i>	4	100%	100%	3.12	0%
	<i>International</i>	6	67%	67%	2.95	17%
	<i>Two or More Races</i>	15	60%	60%	2.66	27%
	<i>White</i>	15	60%	60%	2.78	27%
	<i>All</i>	178	62%	64%	2.67	20%
<i>Non-DEAP Students</i>	<i>Black/African American</i>	232	42%	45%	2.19	39%
	<i>Latinx</i>	316	50%	55%	2.42	31%
	<i>Two or More Races</i>	191	49%	52%	2.44	29%
	<i>All</i>	739	47%	51%	2.35	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 Gender for IUPUI DEAP and Non-DEAP Students New to IU in Fall 2017

			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	Percentage
<i>DEAP students</i>	<i>Female</i>	124	64%	66%	2.69	20%
	<i>Male</i>	54	58%	60%	2.62	20%
	<i>All</i>	178	62%	64%	2.67	20%
<i>Non-DEAP students</i>	<i>Female</i>	460	49%	54%	2.47	30%
	<i>Male</i>	279	45%	47%	2.17	39%
	<i>All</i>	739	47%	51%	2.35	33%

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