



## IUPUI INSTITUTIONAL RESEARCH AND DECISION SUPPORT

### **Demographics and Retention Rates for Fall 2017, 2018, and 2019 And Graduation Rates for Fall 2016 and 2014 Beginners Participating in the Student Support Services Program (SSS)**

Student Support Services at IUPUI (SSS), part of the TRIO program, is designed to provide programming and support to select first-generation students from low income backgrounds (SSS, 2019). The program provides academic advising, free academic tutoring, financial aid counseling, financial literacy training, and mentoring for participants beginning at Orientation and continuing throughout their career at IUPUI.

Tables below provide demographic and academic characteristics as well as retention and GPA information for first-time beginners who participated in SSS compared to non-participants who were first generation and received a Pell Grant in their first year from the Fall 2017, Fall 2018, and Fall 2019 cohorts. Graduation rates from the 2016 cohort (4-year) and 2014 cohort (6-year) are also included. Highlights include the following:

- Seventy-three percent of Fall 2019 SSS participants were retained at the Indianapolis campus compared to 68% of first generation Pell recipients who did not participate in SSS. Fall 2019 beginners who participated in SSS were slightly more likely to be retained with a GPA greater than 2.0 (67% of SSS participants compared to 58% of students who did not participate in any program).
- Fall 2019 beginners in SSS also earned a slightly higher GPA in their first fall semester than similar students who did not participate in SSS (2.47 for SSS students compared to 2.37 for non-SSS students).
- Similarly, in Fall 2018, beginners who participated in SSS were slightly more likely to be retained into their second year at the Indianapolis campus than first generation Pell recipients who did not participate (67% for SSS participants compared to 60% of those that did not participate).
- Fall 2017 SSS participants were about as likely to be retained into their third year at IUPUI as first generation beginners receiving a Pell Grant from the same cohort.
- SSS participants from the Fall 2016 cohort were less likely to graduate in four years from IUPUI and had earned a slightly lower cumulative GPA than first generation Pell recipients who did not participate in SSS. However, SSS participants from the Fall 2014 cohort were slightly more likely to graduate from IUPUI in six years than non-participants.

**Retention Rates by Participation in Other Programs for IUPUI SSS and Non-SSS Students New to IU in Fall 2019**

		N	Retained 1 Year Indianapolis Campus Percentages	Retained 1 Year Any IU Campus Percentages	First Fall GPA Mean	Cumulative GPA at Fall 2020 Census Mean	Cumulative GPA Below 2.0 at Fall Census Percentages	Retained 1 Year at IUPUI and GPA above 2.0 Percentages	High School GPA Mean	SAT score (2017 scale) Mean	Female Percentages	African American Percentages	Latinx Percentages	Unmet need in First Fall Semester Mean
SSS students	<i>Participated in SSS only</i>	65	74%	78%	<b>2.38</b>	2.49	26%	66%	3.38	<b>1009</b>	72%	<b>20%</b>	<b>45%</b>	<b>\$5,841</b>
	<i>Participated in SSS and other programs</i>	48	73%	77%	<b>2.59</b>	2.67	19%	69%	3.44	<b>1023</b>	67%	<b>35%</b>	<b>40%</b>	<b>\$6,132</b>
	<i>All</i>	113	73%	78%	<b>2.47</b>	2.57	23%	67%	3.41	<b>1015</b>	70%	<b>27%</b>	<b>42%</b>	<b>\$5,965</b>
Non-SSS students	<i>Participated in other programs only</i>	298	70%	73%	<b>2.50</b>	2.56	26%	62%	3.46	<b>1059<sup>a</sup></b>	67%	<b>14%</b>	<b>34%</b>	<b>\$6,572</b>
	<i>Did not participate in any programs</i>	284	65%	69%	<b>2.24</b>	2.37	33%	54%	3.40	<b>1064<sup>a</sup></b>	63%	<b>12%</b>	<b>23%</b>	<b>\$9,059<sup>b</sup></b>
	<i>All</i>	582	68%	71%	<b>2.37</b>	2.47	29%	58%	3.43	<b>1061</b>	65%	<b>13%</b>	<b>28%</b>	<b>\$7,786</b>

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 first generation students who received a Pell grant during their first academic year who began at IUPUI in Fall 2019.

Note 3: Programs in which eligible students may have participated include DEAP (26 in SSS, 47 not in SSS), 21<sup>st</sup> Century Scholars coaching (8 in SSS, 48 not in SSS), 21<sup>st</sup> Century Scholar Peer Mentoring (5 in SSS, 135 not in SSS), LiFT Scholars (1 in SSS, 5 not in SSS), and Indy Achieves O'Bannon Mentoring (12 in SSS, 60 not in SSS). Students could have participated in multiple programs.

Note 4: Bolded items significantly different based on chi-square test or independent samples t-test results ( $p < .05$ ).

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

<sup>a</sup> Significantly greater than students who participated only in SSS and other programs.

<sup>b</sup> Significantly greater than students who participated only in SSS, students participating in SSS and other programs and students participating in other programs besides SSS.

**Retention Rates to Second Year by Participation in Other Programs for IUPUI SSS and Non-SSS 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	High School GPA	SAT score (2017 scale)	Female	African American	Latinx	Unmet need in First Fall Semester
		N	Percentages		Mean	Percentages	Mean	Percentages			Mean	
<i>SSS students</i>	<i>Participated in SSS only</i>	29	66%	66%	2.56	21%	3.34	<b>980</b>	<b>62%</b>	<b>21%</b>	<b>38%</b>	\$4,617
	<i>Participated in SSS and other programs</i>	31	68%	71%	2.40	35%	<b>3.26</b>	<b>968</b>	<b>84%</b>	<b>26%</b>	<b>35%</b>	<b>\$3,237</b>
	<i>All</i>	60	67%	68%	2.48	28%	3.30	<b>974</b>	<b>73%</b>	<b>23%</b>	<b>37%</b>	<b>\$3,904</b>
<i>Non-SSS students</i>	<i>Participated in other programs only</i>	266	62%	66%	2.48	28%	3.41	<b>1058<sup>b</sup></b>	<b>73%</b>	<b>15%</b>	<b>30%</b>	<b>\$4,039</b>
	<i>Did not participate in any programs</i>	394	58%	62%	2.49	28%	<b>3.46<sup>a</sup></b>	<b>1075<sup>b</sup></b>	<b>62%</b>	<b>10%</b>	<b>19%</b>	<b>\$7,132<sup>c</sup></b>
	<i>All</i>	660	60%	64%	2.49	28%	3.44	<b>1068</b>	<b>66%</b>	<b>12%</b>	<b>23%</b>	<b>\$5,884</b>

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 first generation students who received a Pell grant during their first academic year who began at IUPUI in Fall 2018.

Note 3: Programs in which eligible students may have participated include DEAP (16 in SSS, 65 not in SSS), Inside Track coaching (3 in SSS, 18 not in SSS), 21st Century Scholars coaching (8 in SSS, 70 not in SSS), 21st Century Scholar Peer Mentoring (7 in SSS, 137 not in SSS), Nina Scholars (0 in SSS, 3 not in SSS), LiFT Scholars (0 in SSS, 10 not in SSS). Students could have participated in multiple programs.

Note 4: Bolded items significantly different based on chi-square test or one-way ANOVA with Scheffe follow-up ( $p < .05$ ).

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

<sup>a</sup> Significantly greater than students who participated in SSS and other programs.

<sup>b</sup> Significantly greater than students who participated only in SSS and students who participated in SSS and other programs.

<sup>c</sup> Significantly greater than students who participated in SSS and other programs and who participated in other programs but not SSS.

**Retention Rates to Third Year by Participation in Other Programs for IUPUI SSS and Non-SSS 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	High School GPA	SAT score (2017 scale)	Female	African American	Latinx	Unmet need in First Fall Semester
		N	Percentages		Mean	Percentages		Mean	Percentages			Mean
<i>SSS students</i>	<i>Participated in SSS only</i>	34	59%	62%	2.40	32%	<b>3.42</b>	<b>996</b>	<b>79%</b>	<b>32%</b>	<b>18%</b>	<b>\$4,589</b>
	<i>Participated in SSS and other programs</i>	23	52%	52%	2.36	30%	<b>3.22</b>	<b>948</b>	<b>78%</b>	<b>43%</b>	<b>26%</b>	<b>\$5,849</b>
	<i>All</i>	57	56%	58%	2.38	32%	<b>3.34</b>	<b>977</b>	<b>79%</b>	<b>37%</b>	<b>21%</b>	<b>\$5,098</b>
<i>Non-SSS students</i>	<i>Participated in other programs only</i>	203	45%	49%	2.33	36%	<b>3.39</b>	<b>1032<sup>b</sup></b>	<b>72%</b>	<b>20%</b>	<b>30%</b>	<b>\$4,549</b>
	<i>Did not participate in any programs</i>	462	52%	56%	2.53	27%	<b>3.43</b>	<b>1067<sup>a</sup></b>	<b>63%</b>	<b>9%</b>	<b>18%</b>	<b>\$6,680<sup>c</sup></b>
	<i>All</i>	665	50%	54%	2.47	29%	<b>3.42</b>	<b>1056</b>	<b>66%</b>	<b>12%</b>	<b>22%</b>	<b>\$6,029</b>

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 first generation students who received a Pell grant during their first academic year who began at IUPUI in Fall 2017.

Note 3: Programs in which eligible students may have participated include DEAP (9 in SSS, 53 not in SSS), Inside Track coaching (4 in SSS, 18 not in SSS), O'Bannon Coaching (2 in SSS, 11 not in SSS), 21<sup>st</sup> Century Scholars coaching (5 in SSS, 52 not in SSS), all other 2017 Coaching Pilots (3 in SSS, 15 not in SSS), 21<sup>st</sup> Century Scholar Peer Mentoring (8 in SSS, 82 not in SSS), Nina Scholars (0 in SSS, 1 not in SSS), LiFT Scholars (0 in SSS, 3 not in SSS), Diversity Scholars Research Program (0 in SSS, 3 not in SSS), Olaniyan Scholars (0 in SSS, 1 not in SSS), and Norman Brown (0 in SSS, 8 not in SSS). Students could have participated in multiple programs.

Note 4: Bolded items significantly different based on chi-square test or one-way ANOVA with Scheffe follow-up ( $p < .05$ ).

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

<sup>a</sup> Significantly greater than students who participated in any programs other than SSS, student who only participated in SSS, and students who participated in SSS and other programs.

<sup>b</sup> Significantly greater than students who participated in SSS and other programs.

<sup>c</sup> Significantly greater than students who participated in any programs other than SSS,

**Four-Year Graduation Rates by Participation in SSS and Other Programs for IUPUI Beginners New to IU in Fall 2016**

			Graduated in 4 Years Indianapolis Campus	Graduated in 4 Years Any IU Campus	Cumulative GPA at Fall 2020 Census	Cumulative GPA Below 2.0 at Fall 2020 Census	High School GPA	SAT score (2017 scale)	Female	African American	Latinx	Unmet need in First Fall Semester
		N	Percentages		Mean	Percentages	Mean		Percentages		Mean	
SSS students	Participated in SSS only	43	<b>14%</b>	21%	2.17	44%	3.37	<b>992</b>	<b>95%</b>	<b>47%</b>	21%	<b>\$5,726</b>
	Participated in SSS and other programs	45	<b>29%</b>	31%	2.39	31%	3.30	<b>972</b>	<b>76%</b>	<b>67%</b>	11%	<b>\$3,421</b>
	All	88	<b>22%</b>	26%	2.28	38%	3.34	<b>982</b>	<b>85%</b>	<b>57%</b>	16%	<b>\$4,547</b>
Non-SSS students	Participated in other programs only	221	<b>35%</b>	37%	2.55	27%	3.42	<b>1031<sup>b</sup></b>	<b>71%</b>	<b>23%</b>	24%	<b>\$4,712</b>
	Did not participate in any programs	418	<b>27%</b>	29%	2.34	35%	3.39	<b>1067<sup>a</sup></b>	<b>62%</b>	<b>9%</b>	16%	<b>\$7,464<sup>c</sup></b>
	All	639	<b>30%</b>	31%	2.41	32%	3.40	<b>1055</b>	<b>65%</b>	<b>14%</b>	19%	<b>\$6,511</b>

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 first generation students who received a Pell grant during their first academic year who began at IUPUI in Fall 2016.

Note 3: Programs in which eligible students may have participated include DEAP (27 in SSS, 62 not in SSS), Inside Track coaching (7 in SSS, 50 not in SSS), 21<sup>st</sup> Century Scholar Peer Mentoring (16 in SSS, 99 not in SSS), Nina Scholars (0 in SSS, 3 not in SSS), Gap Coaching (0 in SSS, 12 not in SSS), Olaniyan Scholars (0 in SSS, 1 not in SSS), DSRP (0 in SSS, 1 not in SSS), and Norman Brown (2 in SSS, 8 not in SSS). Students could have participated in multiple programs.

Note 4: Bolded items significantly different based on chi-square test or one-way ANOVA results ( $p < .05$ ).

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

<sup>a</sup> Significantly greater than SSS participants who only participated in SSS, students who participated in SSS and other programs, and students who only participated in other programs.

<sup>b</sup> Significantly greater than SSS participants who participated in other programs.

<sup>c</sup> Significantly greater than SSS participants who participated in SSS and other programs, and students who only participated in other programs.

**Six-Year Graduation Rates by Participation in Other Programs for IUPUI SSS and Non-SSS Students New to IU in Fall 2014**

			Graduated in 6 Years Indianapolis Campus	Graduated in 6 Years Any IU Campus	Cumulative GPA at Fall 2020 Census	Cumulative GPA Below 2.0 at Fall 2020 Census	High School GPA	SAT score (2017 scale)	Female	African American	Latinx	Unmet need in First Fall Semester
		N	Percentages		Mean	Percentages	Mean	Percentages			Mean	
SSS students	Participated in SSS only	51	<b>47%</b>	<b>51%</b>	<b>2.54</b>	<b>27%</b>	3.28	<b>972</b>	<b>82%</b>	<b>29%</b>	<b>20%</b>	<b>\$7,428</b>
	Participated in SSS and other programs	20	<b>70%<sup>a</sup></b>	<b>70%</b>	<b>2.68</b>	<b>15%</b>	3.40	<b>989</b>	<b>75%</b>	<b>35%</b>	<b>35%</b>	<b>\$6,071<sup>c</sup></b>
	All	71	<b>54%</b>	<b>56%</b>	<b>2.58</b>	<b>24%</b>	3.32	<b>977</b>	<b>80%</b>	<b>31%</b>	<b>24%</b>	<b>\$7,046</b>
Non-SSS students	Participated in other programs only	240	<b>45%</b>	<b>49%</b>	<b>2.57<sup>a</sup></b>	<b>27%</b>	3.38	<b>1029</b>	<b>71%</b>	<b>20%</b>	<b>19%</b>	<b>\$7,418</b>
	Did not participate in any programs	445	<b>35%</b>	<b>40%</b>	<b>2.30</b>	<b>36%</b>	3.32	<b>1063<sup>b</sup></b>	<b>61%</b>	<b>11%</b>	<b>12%</b>	<b>\$8,662</b>
	All	685	<b>39%</b>	<b>43%</b>	<b>2.39</b>	<b>33%</b>	3.34	<b>1050</b>	<b>64%</b>	<b>14%</b>	<b>15%</b>	<b>\$8,226</b>

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 first generation students who received a Pell grant during their first academic year who began at IUPUI in Fall 2014.

Note 3: Programs in which eligible students may have participated include DEAP (7 in SSS, 29 not in SSS), Inside Track Coaching (5 in SSS, 54 not in SSS), 21<sup>st</sup> Century Scholar Peer Mentoring (11 in SSS, 175 not in SSS), Nina Scholars (0 in SSS, 1 not in SSS), and Norman Brown (2 in SSS, 3 not in SSS). Students could have participated in multiple programs.

Note 4: Bolded items significantly different based on chi-square test or independent samples t-test results ( $p < .05$ ).

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

<sup>a</sup> Significantly greater than students who did not participate in SSS or any other programs.

<sup>b</sup> Significantly greater than students who participated only in SSS, participated in SSS and another program, and those who did not participate in SSS but did participate in other programs.

<sup>c</sup> Significantly greater than students who participated in SSS and another program.