



BCSSE Scales <sup>a</sup>	Variable	All Students			Gender Comparisons				First-Generation <sup>d</sup> Comparisons			
		Mean	SD	N	Means		Tests of mean differences		Means		Tests of mean differences	
					Female	Male	Sig <sup>b</sup>	Effect size <sup>c</sup>	FG	Non-FG	Sig <sup>b</sup>	Effect size <sup>c</sup>
<b>High School Academic Engagement (HSE)</b> <i>Engagement in educationally relevant behaviors during the last year of high school.</i>	HS_acad	5.33	1.37	1,036	5.52	5.03	***	.37	5.36	5.31		.04
<b>Expected Academic Engagement (EAE)</b> <i>Expected engagement in educationally relevant behaviors during the first year of college.</i>	Exp_acad	6.20	1.55	1,036	6.26	6.11		.10	6.33	6.11		.14
<b>Expected Academic Perseverance (EAP)</b> <i>Student certainty that they will persist in the face of academic adversity.</i>	Acad_per	7.20	1.51	1,036	7.24	7.14		.07	7.32	7.15		.11
<b>Expected Academic Difficulty (EAD)</b> <i>Expected academic difficulty during the first year of college.</i>	Acad_dif	5.04	1.63	1,036	5.14	4.88	*	.16	5.02	5.05		-.01
<b>Perceived Academic Preparation (PAP)</b> <i>Student perception of their academic preparation.</i>	Acad_prep	7.26	1.45	1,036	7.18	7.38	*	-.14	7.13	7.31		-.13
<b>Importance of Campus Environment (ICE)</b> <i>Student-rated importance that the institution provides a challenging and supportive environment.</i>	Imp_env	7.59	1.62	1,036	7.82	7.25	***	.36	7.74	7.54		.12

<sup>a</sup> Scale scores are expressed in 0 (minimum) to 10 (maximum) point scales. See the following page for complete scale descriptions and component items.

<sup>b</sup> T-test results (2-tailed): \* p<.05, \*\* p<.01, \*\*\* p<.001. The smaller the significance level, the less likely that the difference is due to chance.

<sup>c</sup> Effect size is the mean difference divided by pooled standard deviation. It indicates the *practical* significance of the mean difference (approx. .2 is considered small, .5 moderate, and .8 large). A positive sign indicates that at your institution, females score higher than males, or first-generation students scored higher than non-first-generation students.

<sup>d</sup> First generation is defined as no parent or guardian having graduated with a 4-year college degree.