



**Beginning College Survey  
of Student Engagement**

*BCSSE 2008 Mean Scale Scores and Selected Student Comparisons*

**Harvey Mudd College**

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	5.51	1.20	181	5.70	5.39		.25	5.60	5.54		.06
<b>Expected Academic Engagement (EAE)</b> <i>Expected engagement in educationally relevant behaviors during the first year of college.</i>	Exp_acad	6.58	1.42	181	6.87	6.34	*	.39	6.60	6.59		.01
<b>Expected Academic Perseverance (EAP)</b> <i>Student certainty that they will persist in the face of academic adversity.</i>	Acad_per	7.38	1.13	181	7.54	7.25		.25	7.67	7.39		.26
<b>Expected Academic Difficulty (EAD)</b> <i>Expected academic difficulty during the first year of college.</i>	Acad_dif	4.84	1.47	181	5.29	4.56	**	.51	5.05	4.83		.18
<b>Perceived Academic Preparation (PAP)</b> <i>Student perception of their academic preparation.</i>	Acad_prep	7.71	1.30	181	7.44	7.89	*	-.35	6.71	7.79	*	-.89
<b>Importance of Campus Environment (ICE)</b> <i>Student-rated importance that the institution provides a challenging and supportive environment.</i>	Imp_env	7.07	1.52	181	7.41	6.82	*	.40	7.09	7.04		.04

<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.