



**Beginning College Survey
of Student Engagement**

BCSSE 2009 Mean Scale Scores and Selected Student Comparisons
University of the District of Columbia

BCSSE Scales ^a	Variable	All Students			Gender Comparisons				First-Generation ^d Comparisons			
		Mean	SD	N	Means		Tests of mean differences		Means		Tests of mean differences	
					Female	Male	Sig ^b	Effect size ^c	FG	Non-FG	Sig ^b	Effect size ^c
High School Academic Engagement (HSE) <i>Engagement in educationally relevant behaviors during the last year of high school.</i>	HS_acad	5.25	1.77	73	5.90	4.82	**	.67	5.51	5.44		.04
Expected Academic Engagement (EAE) <i>Expected engagement in educationally relevant behaviors during the first year of college.</i>	Exp_acad	6.11	2.03	73	6.03	6.23		-.10	6.23	6.51		-.17
Expected Academic Perseverance (EAP) <i>Student certainty that they will persist in the face of academic adversity.</i>	Acad_per	7.08	2.27	73	7.51	6.78		.32	6.92	7.97		-.51
Expected Academic Difficulty (EAD) <i>Expected academic difficulty during the first year of college.</i>	Acad_dif	4.32	2.46	73	3.85	4.81		-.40	4.42	3.95		.23
Perceived Academic Preparation (PAP) <i>Student perception of their academic preparation.</i>	Acad_prep	6.78	2.01	73	7.08	6.37		.35	6.53	7.54		-.51
Importance of Campus Environment (ICE) <i>Student-rated importance that the institution provides a challenging and supportive environment.</i>	Imp_env	7.68	1.97	73	7.85	7.55		.16	8.01	8.00		.01

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

^b 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.

^c Effect size is the mean difference divided by pooled standard deviation. It indicates the *practical* significance of the mean difference (effect size .2 is often considered small, .5 is moderate, and .8 is large).

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