## **NSSE** national survey of student engagement

## NSSE 2011 Benchmark Comparisons Detailed Statistics and Effect Sizes <sup>a</sup> University of North Carolina at Greensboro

	First-Year Students													
										<b>Reference Group</b>				
		Mean Statistics			Distribution Statistics					Comparison Statistics				
		Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	Per 25th	centiles 50th	75th	95th	Deg. of Freedom <sup>e</sup>	Mean Diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>	
LEVEL OF ACADEMIC CH	ALLENGE (LA	AC)												
UNC Greensboro	(N = 416)	54.5	14.5	.7	30	45	55	66	77					
Southeast Public		52.7	13.1	.1	31	44	53	62	74	427	1.8	.012	.14	
Carnegie Class		53.3	13.2	.1	31	45	53	62	74	432	1.2	.101	.09	
NSSE 2011		53.7	13.3	.0	32	45	54	63	75	418	.8	.248	.06	
Top 50%		56.7	12.8	.1	35	48	57	66	77	422	-2.2	.002	17	
Top 10%		60.6	12.4	.2	40	52	61	69	80	459	-6.1	.000	49	
ACTIVE AND COLLABOR	ATIVE LEARN	ING (AC	L)											
UNC Greensboro	(N = 486)	41.9	15.9	.7	19	29	43	52	71					
Southeast Public		42.9	17.1	.1	19	29	43	52	75	506	-1.1	.146	06	
Carnegie Class		42.3	16.6	.1	19	29	42	52	71	19,534	4	.607	02	
NSSE 2011		43.2	16.9	.0	19	33	43	52	71	117,964	-1.3	.096	08	
Top 50%		48.0	16.8	.1	24	38	48	57	76	34,047	-6.1	.000	37	
Top 10%		52.1	17.9	.2	24	38	52	62	83	582	-10.3	.000	58	
STUDENT-FACULTY INTE	RACTION (SF	[)												
UNC Greensboro	(N = 422)	34.1	17.6	.9	11	22	33	44	67					
Southeast Public		34.6	18.9	.1	11	22	33	44	72	439	5	.572	03	
Carnegie Class		33.4	18.3	.1	11	22	28	44	67	17,896	.7	.441	.04	
NSSE 2011		34.4	18.6	.1	11	22	33	44	72	109,207	3	.727	02	
Top 50%		39.3	19.3	.1	11	27	39	50	78	436	-5.2	.000	27	
Top 10%		43.7	21.3	.3	11	28	40	56	83	528	-9.5	.000	45	
ENRICHING EDUCATIONA	L EXPERIEN	CES (EEI	E)											
UNC Greensboro	(N = 397)	28.8	14.1	.7	8	19	28	38	54					
Southeast Public		28.6	13.6	.1	8	19	27	36	52	22,817	.2	.756	.02	
Carnegie Class		28.0	13.4	.1	8	19	26	36	51	17,197	.8	.238	.06	
NSSE 2011		27.8	13.5	.0	8	18	26	36	51	104,914	1.0	.129	.08	
Top 50%		30.5	13.3	.1	11	21	29	39	53	50,090	-1.7	.009	13	
Top 10%		33.7	13.9	.2	12	24	33	43	57	8,314	-4.9	.000	35	
SUPPORTIVE CAMPUS EN	VIRONMENT	(SCE)												
UNC Greensboro	(N = 388)	60.8	19.5	1.0	25	47	61	75	92					
Southeast Public		62.4	18.8	.1	31	50	64	75	94	22,234	-1.7	.083	09	
Carnegie Class		61.5	18.9	.1	31	50	61	75	94	16,801	8	.438	04	
NSSE 2011		62.7	19.0	.1	31	50	64	75	94	102,514	-2.0	.043	10	
Top 50%		67.4	18.4	.1	36	56	69	81	97	33,015	-6.6	.000	36	
Top 10%		71.2	18.0	.2	39	58	72	83	100	6,249	-10.4	.000	58	

<sup>a</sup> All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

<sup>b</sup> Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.

<sup>c</sup> Standard Error of the Mean: Use SEM to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is

95% likely to contain the true population mean, equal to the sample mean +/- 1.96 \* SEM.

<sup>d</sup> A percentile is the point in the distribution of student-level benchmark scores at or below which a given percentage of benchmark scores fall.

<sup>e</sup> Degrees of freedom used to compute the t-tests. Values vary for the total Ns due to weighting and whether equal variances were assumed.

<sup>f</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>g</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.

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	Seniors													
		Mean Statistics				listribu	tion St	atistics		Reference Group Comparison Statistics				
		Wean Statistics					centiles			Deg. of Mean Effect				
		Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Freedom <sup>e</sup>	Diff.	Sig. <sup>f</sup>	size g	
LEVEL OF ACADEMIC CH	ALLENGE (L	AC)												
UNC Greensboro	(N = 546)	57.2	13.7	.6	35	47	59	67	78					
Southeast Public		56.5	14.2	.1	32	47	57	67	79	38,958	.7	.277	.05	
Carnegie Class		56.7	14.2	.1	33	47	57	67	79	33,396	.5	.400	.04	
NSSE 2011		57.4	14.2	.0	33	48	58	67	80	181,440	2	.777	01	
Top 50%		60.5	13.6	.1	37	51	61	70	82	54,179	-3.3	.000	24	
Top 10%		64.1	13.0	.1	42	56	65	73	84	607	-6.9	.000	53	
ACTIVE AND COLLABORA	ATIVE LEARN	NING (AC	L)											
UNC Greensboro	(N = 575)	50.3	17.8	.7	24	38	48	62	81					
Southeast Public		51.7	18.1	.1	24	38	52	62	83	41,332	-1.4	.058	08	
Carnegie Class		50.5	17.7	.1	24	38	48	62	81	35,558	2	.741	01	
NSSE 2011		51.3	17.7	.0	24	38	52	62	81	191,759	-1.0	.168	06	
Top 50%		56.2	17.1	.1	29	43	57	67	86	51,732	-6.0	.000	35	
Top 10%		60.1	17.8	.2	33	48	62	71	90	10,237	-9.9	.000	56	
STUDENT-FACULTY INTE	RACTION (SF	I)												
UNC Greensboro	(N = 549)	43.0	20.2	.9	17	28	39	56	80					
Southeast Public		42.9	21.5	.1	11	28	39	56	83	39,321	.1	.897	.01	
Carnegie Class		40.9	21.0	.1	11	27	39	56	83	33,700	2.1	.018	.10	
NSSE 2011		41.9	21.2	.0	11	28	39	56	83	182,951	1.0	.252	.05	
Top 50%		49.3	21.7	.1	17	33	50	67	89	566	-6.4	.000	29	
Top 10%		56.0	22.5	.3	22	39	56	72	94	678	-13.0	.000	58	
ENRICHING EDUCATIONA	AL EXPERIEN	ICES (EEI	E)											
UNC Greensboro	(N = 529)	40.9	18.2	.8	13	28	39	53	71					
Southeast Public		41.1	17.8	.1	14	28	40	53	72	38,119	3	.742	01	
Carnegie Class		39.9	18.1	.1	11	26	39	52	71	32,681	1.0	.216	.05	
NSSE 2011		40.4	18.2	.0	12	27	40	53	72	177,712	.4	.587	.02	
Top 50%		46.7	17.8	.1	17	34	47	59	76	67,654	-5.8	.000	33	
Top 10%		55.3	16.6	.2	26	44	56	67	82	585	-14.5	.000	87	
SUPPORTIVE CAMPUS EN	VIRONMENT	(SCE)												
UNC Greensboro	(N = 521)	58.9	18.7	.8	28	47	58	72	92					
Southeast Public		59.5	19.5	.1	28	47	60	72	92	37,433	5	.527	03	
Carnegie Class		57.3	19.6	.1	25	44	58	70	92	32,110	1.6	.063	.08	
NSSE 2011		59.1	19.5	.0	25	47	58	72	92	174,816	2	.854	01	
Top 50%		64.9	18.9	.1	33	53	67	78	97	49,296	-5.9	.000	31	
Top 10%		68.7	18.6	.2	36	56	69	83	100	8,886	-9.8	.000	53	

<sup>a</sup> All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

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<sup>c</sup> Standard Error of the Mean: Use SEM to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is

95% likely to contain the true population mean, equal to the sample mean +/- 1.96 \* SEM.

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