

NSSE 2015 Engagement Indicators

Detailed Statistics^a

University of Houston

Detailed Statistics: Seniors

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
Univ of Houston (N = 805)	40.8	15.4	.54	10	30	40	55	60				
Southwest Public	41.3	14.5	.17	15	30	40	55	60	961	-.4	.455	-.029
Carnegie Class	39.8	14.1	.11	15	30	40	50	60	871	1.1	.058	.074
NSSE 2014 & 2015	41.4	14.1	.05	20	30	40	55	60	815	-.5	.341	-.037
Top 50%	43.5	13.8	.07	20	35	40	55	60	832	-2.7	.000	-.191
Top 10%	45.3	13.6	.14	20	40	45	60	60	909	-4.5	.000	-.324
Reflective & Integrative Learning												
Univ of Houston (N = 839)	37.2	14.2	.49	14	26	37	49	60				
Southwest Public	38.1	13.4	.15	17	29	37	49	60	1,006	-.9	.084	-.066
Carnegie Class	37.8	13.1	.10	17	29	37	49	60	911	-.7	.174	-.052
NSSE 2014 & 2015	39.1	13.1	.04	17	29	40	49	60	850	-1.9	.000	-.144
Top 50%	41.3	12.7	.07	20	31	40	51	60	870	-4.1	.000	-.323
Top 10%	43.1	12.5	.13	20	34	43	54	60	965	-5.9	.000	-.470
Learning Strategies												
Univ of Houston (N = 694)	40.9	15.2	.58	13	27	40	53	60				
Southwest Public	41.0	14.9	.18	13	33	40	53	60	7,731	-.1	.881	-.006
Carnegie Class	38.6	14.9	.12	13	27	40	53	60	16,181	2.3	.000	.154
NSSE 2014 & 2015	40.3	14.8	.05	13	27	40	53	60	91,337	.6	.286	.041
Top 50%	42.5	14.5	.07	20	33	40	60	60	46,051	-1.6	.005	-.108
Top 10%	44.8	14.2	.13	20	33	47	60	60	12,750	-3.9	.000	-.275
Quantitative Reasoning												
Univ of Houston (N = 807)	31.0	17.8	.63	0	20	33	40	60				
Southwest Public	30.4	17.5	.20	0	20	27	40	60	8,461	.6	.333	.036
Carnegie Class	31.3	17.2	.13	0	20	33	40	60	17,449	-.3	.624	-.018
NSSE 2014 & 2015	30.4	17.4	.06	0	20	27	40	60	98,629	.6	.318	.035
Top 50%	31.8	17.3	.07	0	20	33	40	60	61,359	-.8	.208	-.045
Top 10%	33.6	16.9	.15	0	20	33	47	60	895	-2.6	.000	-.155
Learning with Peers												
Collaborative Learning												
Univ of Houston (N = 908)	33.6	15.2	.50	10	20	35	45	60				
Southwest Public	32.2	15.2	.17	5	20	30	45	60	8,903	1.4	.007	.094
Carnegie Class	33.8	14.6	.11	10	25	35	45	60	18,308	-.2	.698	-.013
NSSE 2014 & 2015	32.9	14.6	.05	10	20	30	45	60	922	.7	.144	.051
Top 50%	35.7	13.9	.06	15	25	35	45	60	934	-2.1	.000	-.150
Top 10%	38.2	13.7	.14	15	30	40	50	60	1,042	-4.5	.000	-.328
Discussions with Diverse Others												
Univ of Houston (N = 717)	45.8	17.1	.64	10	40	55	60	60				
Southwest Public	42.1	16.9	.20	10	30	40	60	60	7,843	3.6	.000	.215
Carnegie Class	43.3	15.6	.12	20	35	45	60	60	772	2.5	.000	.160
NSSE 2014 & 2015	41.9	16.1	.05	15	30	40	60	60	726	3.8	.000	.237
Top 50%	43.9	15.9	.07	20	35	45	60	60	732	1.9	.004	.117
Top 10%	45.9	15.3	.13	20	40	50	60	60	780	-.2	.792	-.011
Experiences with Faculty												
Student-Faculty Interaction												
Univ of Houston (N = 823)	20.5	16.1	.56	0	10	20	30	55				
Southwest Public	22.4	16.7	.19	0	10	20	35	60	1,021	-1.9	.002	-.111

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	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Carnegie Class	23.1	15.8	.12	0	10	20	35	55	17,478	-2.5	.000	-.159
NSSE 2014 & 2015	24.1	16.4	.05	0	10	20	35	60	98,627	-3.5	.000	-.215
Top 50%	29.8	16.2	.11	5	20	30	40	60	24,353	-9.2	.000	-.568
Top 10%	34.1	16.5	.28	5	20	35	45	60	1,265	-13.6	.000	-.823
Effective Teaching Practices												
Univ of Houston (N = 821)	38.6	15.1	.53	12	28	40	52	60				
Southwest Public	40.5	14.6	.17	16	32	40	52	60	8,547	-1.9	.000	-.129
Carnegie Class	39.3	13.4	.10	16	32	40	48	60	884	-.6	.237	-.047
NSSE 2014 & 2015	40.8	13.9	.04	16	32	40	52	60	832	-2.2	.000	-.156
Top 50%	43.1	13.6	.07	20	36	44	56	60	853	-4.4	.000	-.324
Top 10%	45.1	13.4	.17	20	36	48	60	60	998	-6.5	.000	-.478
Campus Environment												
Quality of Interactions												
Univ of Houston (N = 663)	40.5	13.3	.52	16	32	42	50	60				
Southwest Public	42.6	12.5	.15	20	35	44	52	60	782	-2.1	.000	-.167
Carnegie Class	41.0	11.7	.10	20	34	42	50	60	708	-.5	.357	-.041
NSSE 2014 & 2015	42.4	12.0	.04	20	35	44	50	60	670	-1.9	.000	-.159
Top 50%	45.0	11.4	.06	24	38	46	54	60	683	-4.5	.000	-.393
Top 10%	46.7	11.8	.13	24	40	50	56	60	751	-6.2	.000	-.524
Supportive Environment												
Univ of Houston (N = 636)	33.9	15.3	.61	8	23	35	45	60				
Southwest Public	33.3	15.2	.19	8	23	33	43	60	7,305	.6	.321	.041
Carnegie Class	33.8	13.9	.11	10	23	34	43	60	680	.1	.867	.007
NSSE 2014 & 2015	33.3	14.5	.05	10	23	33	43	60	643	.6	.321	.042
Top 50%	36.1	13.9	.07	13	26	38	45	60	654	-2.2	.000	-.160
Top 10%	38.8	13.7	.17	15	30	40	50	60	737	-4.9	.000	-.350

a. Results weighted by institution-reported sex and enrollment status (and institutional size for comparison groups).

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

c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI (equal to the sample mean $\pm$ 1.96 x SEM) is the range that is 95% likely to contain the true population mean.

d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.

e. Degrees of freedom used to compute the *t*-tests. Values vary from the total Ns due to weighting and whether equal variances were assumed.

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

g. Effect size is the mean difference divided by the pooled standard deviation.