

NSSE 2016 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 = 535)	39.6	14.9	.64	15	30	40	50	60				
Public Over 20K Enrl	39.7	14.1	.12	15	30	40	50	60	15,403	-.1	.910	-.005
Carnegie Class	39.4	14.0	.13	15	30	40	50	60	12,822	.2	.753	.014
NSSE 2015 & 2016	40.9	14.1	.06	20	30	40	55	60	57,619	-1.3	.038	-.090
Top 50%	43.1	13.8	.10	20	35	40	55	60	21,211	-3.5	.000	-.257
Top 10%	44.7	13.7	.17	20	40	45	60	60	6,958	-5.1	.000	-.369
Reflective & Integrative Learning												
Univ of Houston (N = 553)	35.1	13.4	.57	14	26	34	43	60				
Public Over 20K Enrl	37.8	13.1	.11	17	29	37	49	60	15,996	-2.7	.000	-.209
Carnegie Class	37.6	13.0	.11	17	29	37	46	60	13,324	-2.5	.000	-.193
NSSE 2015 & 2016	38.7	13.0	.05	17	29	40	49	60	59,887	-3.7	.000	-.281
Top 50%	41.0	12.7	.09	20	31	40	51	60	22,176	-5.9	.000	-.464
Top 10%	42.9	12.5	.17	20	34	43	54	60	5,970	-7.8	.000	-.618
Learning Strategies												
Univ of Houston (N = 469)	38.7	14.7	.68	13	27	40	53	60				
Public Over 20K Enrl	38.6	14.8	.13	13	27	40	53	60	14,287	.1	.937	.004
Carnegie Class	38.1	14.8	.14	13	27	40	47	60	11,910	.6	.386	.041
NSSE 2015 & 2016	39.9	14.8	.06	13	27	40	53	60	53,927	-1.2	.079	-.082
Top 50%	42.2	14.5	.09	20	33	40	60	60	25,564	-3.6	.000	-.246
Top 10%	44.5	14.2	.17	20	33	47	60	60	7,229	-5.8	.000	-.407
Quantitative Reasoning												
Univ of Houston (N = 533)	29.2	17.0	.73	0	20	27	40	60				
Public Over 20K Enrl	30.7	16.9	.14	0	20	33	40	60	15,592	-1.5	.038	-.091
Carnegie Class	31.1	16.9	.15	0	20	33	40	60	12,976	-1.9	.012	-.112
NSSE 2015 & 2016	30.3	17.0	.07	0	20	27	40	60	58,440	-1.2	.118	-.068
Top 50%	31.8	16.9	.09	0	20	33	40	60	33,088	-2.6	.001	-.152
Top 10%	33.2	16.8	.18	0	20	33	47	60	9,503	-4.0	.000	-.240
Learning with Peers												
Collaborative Learning												
Univ of Houston (N = 614)	33.1	14.8	.60	10	20	35	45	60				
Public Over 20K Enrl	33.3	14.6	.12	10	20	35	45	60	16,501	-.2	.708	-.015
Carnegie Class	33.6	14.7	.13	10	25	35	45	60	13,777	-.5	.412	-.034
NSSE 2015 & 2016	32.4	14.9	.06	10	20	30	40	60	61,332	.6	.292	.043
Top 50%	35.8	13.9	.08	15	25	35	45	60	638	-2.7	.000	-.196
Top 10%	37.9	13.7	.17	15	30	40	50	60	722	-4.8	.000	-.349
Discussions with Diverse Others												
Univ of Houston (N = 473)	44.2	16.9	.78	10	35	50	60	60				
Public Over 20K Enrl	41.9	16.0	.14	15	30	40	60	60	501	2.2	.005	.140
Carnegie Class	42.4	15.6	.14	20	30	40	60	60	505	1.8	.024	.114
NSSE 2015 & 2016	41.3	16.1	.07	15	30	40	60	60	480	2.9	.000	.177
Top 50%	43.3	15.9	.09	15	35	45	60	60	485	.9	.273	.054
Top 10%	45.1	15.8	.17	20	35	50	60	60	519	-1.0	.222	-.062
Experiences with Faculty												
Student-Faculty Interaction												
Univ of Houston (N = 539)	19.9	15.7	.68	0	5	20	30	50				
Public Over 20K Enrl	22.3	15.8	.13	0	10	20	30	55	15,643	-2.4	.001	-.151

NSSE 2016 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
Carnegie Class	22.7	15.7	.14	0	10	20	35	55	13,021	-2.7	.000	-.173
NSSE 2015 & 2016	23.5	16.3	.07	0	10	20	35	55	58,571	-3.6	.000	-.219
Top 50%	29.6	16.1	.14	5	20	30	40	60	13,017	-9.6	.000	-.596
Top 10%	33.0	16.3	.36	5	20	30	45	60	866	-13.1	.000	-.809
Effective Teaching Practices												
Univ of Houston (N = 539)	39.0	14.9	.64	12	28	40	52	60				
Public Over 20K Enrl	39.1	13.6	.11	16	30	40	48	60	570	-.1	.837	-.010
Carnegie Class	38.8	13.3	.12	16	28	40	48	60	575	.1	.830	.010
NSSE 2015 & 2016	40.3	13.9	.06	16	32	40	52	60	546	-1.3	.037	-.097
Top 50%	42.7	13.7	.10	20	32	44	56	60	564	-3.7	.000	-.273
Top 10%	44.5	13.4	.20	20	36	44	56	60	652	-5.5	.000	-.408
Campus Environment												
Quality of Interactions												
Univ of Houston (N = 441)	40.8	12.6	.60	18	32	42	50	60				
Public Over 20K Enrl	41.5	12.0	.10	20	34	42	50	60	13,596	-.7	.248	-.056
Carnegie Class	41.2	11.8	.11	20	34	42	50	60	471	-.4	.512	-.034
NSSE 2015 & 2016	42.6	12.0	.05	20	36	44	52	60	51,673	-1.8	.002	-.147
Top 50%	45.3	11.5	.09	24	40	48	54	60	458	-4.5	.000	-.391
Top 10%	46.9	11.9	.16	24	40	50	56	60	503	-6.1	.000	-.508
Supportive Environment												
Univ of Houston (N = 435)	33.8	13.3	.64	13	23	35	43	60				
Public Over 20K Enrl	32.9	14.1	.12	10	23	33	43	60	13,590	.9	.176	.066
Carnegie Class	33.1	13.9	.13	10	23	33	43	60	11,380	.7	.285	.052
NSSE 2015 & 2016	32.9	14.4	.06	10	23	33	43	60	443	.9	.146	.065
Top 50%	35.8	13.9	.10	13	25	35	45	60	19,027	-1.9	.005	-.137
Top 10%	38.1	13.9	.23	15	28	40	48	60	4,213	-4.2	.000	-.306

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.