

NSSE 2019 Engagement Indicators

Detailed Statistics^a University of Houston

Detailed Statistics: Seniors

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SE ^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 = 1868)	39.4	14.0	.32	20	30	40	50	60				
Public Over 20K Enrl	40.1	13.6	.06	20	30	40	50	60	1,988	-.7	.039	-.050
Carnegie Class	39.0	13.6	.07	15	30	40	50	60	40,413	.4	.190	.031
NSSE 2018 & 2019	40.0	13.6	.03	20	30	40	50	60	1,908	-.6	.064	-.044
Top 50%	41.8	13.5	.05	20	35	40	55	60	69,002	-2.4	.000	-.176
Top 10%	43.0	13.5	.10	20	35	40	55	60	20,166	-3.6	.000	-.268
Reflective & Integrative Learning												
Univ of Houston (N = 1959)	36.4	12.6	.28	17	29	37	46	60				
Public Over 20K Enrl	37.8	12.5	.05	17	29	37	46	60	59,867	-1.4	.000	-.110
Carnegie Class	37.2	12.4	.06	17	29	37	46	60	42,701	-.8	.004	-.067
NSSE 2018 & 2019	38.0	12.4	.03	17	29	37	46	60	171,303	-1.6	.000	-.129
Top 50%	39.9	12.2	.05	20	31	40	49	60	66,075	-3.5	.000	-.286
Top 10%	41.6	12.2	.11	20	34	40	51	60	14,480	-5.2	.000	-.423
Learning Strategies												
Univ of Houston (N = 1838)	38.3	14.3	.33	13	27	40	47	60				
Public Over 20K Enrl	38.6	14.7	.06	13	27	40	53	60	54,740	-.2	.537	-.015
Carnegie Class	37.0	14.5	.08	13	27	40	47	60	38,591	1.4	.000	.095
NSSE 2018 & 2019	38.4	14.6	.04	13	27	40	47	60	156,464	-.1	.843	-.005
Top 50%	40.8	14.4	.05	20	33	40	53	60	72,033	-2.5	.000	-.170
Top 10%	42.6	14.3	.10	20	33	40	60	60	24,220	-4.3	.000	-.297
Quantitative Reasoning												
Univ of Houston (N = 1849)	30.6	16.0	.37	0	20	33	40	60				
Public Over 20K Enrl	30.2	16.1	.07	0	20	27	40	60	55,452	.4	.277	.026
Carnegie Class	30.6	15.9	.08	0	20	33	40	60	39,167	.0	.991	.000
NSSE 2018 & 2019	29.8	16.1	.04	0	20	27	40	60	158,405	.9	.022	.053
Top 50%	31.3	16.0	.05	7	20	33	40	60	86,350	-.6	.084	-.041
Top 10%	32.7	15.8	.10	7	20	33	40	60	25,792	-2.1	.000	-.132
Learning with Peers												
Collaborative Learning												
Univ of Houston (N = 2020)	34.4	14.6	.32	10	25	35	45	60				
Public Over 20K Enrl	29.2	16.7	.07	0	15	30	40	60	2,201	5.2	.000	.312
Carnegie Class	34.0	15.0	.07	10	25	35	45	60	44,637	.4	.267	.025
NSSE 2018 & 2019	31.8	15.7	.04	5	20	30	40	60	2,073	2.6	.000	.164
Top 50%	36.2	14.0	.05	15	25	35	45	60	2,123	-1.8	.000	-.128
Top 10%	38.6	13.5	.12	15	30	40	50	60	2,640	-4.2	.000	-.310
Discussions with Diverse Others												
Univ of Houston (N = 1837)	42.9	16.2	.38	15	35	45	60	60				
Public Over 20K Enrl	39.8	16.6	.07	10	30	40	55	60	54,906	3.1	.000	.185
Carnegie Class	41.3	15.3	.08	15	30	40	55	60	2,002	1.6	.000	.103
NSSE 2018 & 2019	40.0	16.0	.04	15	30	40	55	60	1,878	2.9	.000	.179
Top 50%	42.0	15.6	.05	15	30	40	60	60	1,911	.9	.024	.055
Top 10%	43.6	15.3	.11	20	35	45	60	60	2,132	-.7	.074	-.046

Detailed Statistics: Seniors

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SE ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
Univ of Houston (N = 1901)	21.4	16.3	.37	0	10	20	30	55				
Public Over 20K Enrl	21.4	15.6	.07	0	10	20	30	55	2,019	.0	.923	.002
Carnegie Class	23.3	15.6	.08	0	10	20	35	55	2,071	-1.9	.000	-.123
NSSE 2018 & 2019	24.1	16.1	.04	0	10	20	35	55	166,324	-2.7	.000	-.166
Top 50%	29.9	15.9	.09	5	20	30	40	60	36,686	-8.5	.000	-.532
Top 10%	33.9	15.8	.22	10	20	35	45	60	7,173	-12.5	.000	-.787
Effective Teaching Practices												
Univ of Houston (N = 1891)	37.6	14.0	.32	16	28	40	48	60				
Public Over 20K Enrl	39.4	13.8	.06	16	32	40	52	60	56,954	-1.8	.000	-.128
Carnegie Class	38.2	13.3	.07	16	28	40	48	60	2,062	-.6	.052	-.048
NSSE 2018 & 2019	39.5	13.8	.03	16	32	40	52	60	162,791	-1.9	.000	-.141
Top 50%	41.8	13.6	.06	20	32	40	52	60	57,951	-4.2	.000	-.307
Top 10%	43.5	13.5	.11	20	36	44	56	60	17,189	-5.9	.000	-.438
Campus Environment												
Quality of Interactions												
Univ of Houston (N = 1708)	40.0	13.6	.33	14	32	40	50	60				
Public Over 20K Enrl	43.3	12.4	.06	20	36	44	53	60	1,809	-3.2	.000	-.261
Carnegie Class	41.4	12.0	.06	20	34	42	50	60	1,839	-1.4	.000	-.116
NSSE 2018 & 2019	42.8	12.2	.03	20	36	44	52	60	1,739	-2.7	.000	-.223
Top 50%	45.2	11.8	.05	23	38	48	54	60	1,777	-5.1	.000	-.432
Top 10%	47.4	12.0	.08	24	40	50	58	60	1,933	-7.3	.000	-.605
Supportive Environment												
Univ of Houston (N = 1820)	33.2	14.4	.34	10	23	33	43	60				
Public Over 20K Enrl	31.6	14.2	.06	8	20	33	40	58	53,595	1.6	.000	.116
Carnegie Class	32.2	13.7	.07	10	23	33	40	58	1,990	1.0	.003	.074
NSSE 2018 & 2019	32.1	14.1	.04	10	23	33	40	58	153,310	1.1	.001	.078
Top 50%	34.8	13.9	.06	13	25	35	45	60	1,926	-1.6	.000	-.115
Top 10%	37.0	14.0	.13	13	28	38	48	60	13,276	-3.8	.000	-.266

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 SE) 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.