

NSSE 2018 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 = 1907)	38.5	14.0	.32	15	30	40	50	60				
Public Over 20K Enrl	39.4	13.8	.06	15	30	40	50	60	56,169	-.9	.007	-.063
Carnegie Class	38.9	13.7	.07	15	30	40	50	60	42,022	-.4	.166	-.032
NSSE 2017 & 2018	39.8	13.7	.03	20	30	40	50	60	1,941	-1.4	.000	-.099
Top 50%	41.3	13.5	.04	20	35	40	55	60	94,579	-2.8	.000	-.210
Top 10%	42.5	13.7	.08	20	35	40	55	60	29,742	-4.0	.000	-.290
Reflective & Integrative Learning												
Univ of Houston (N = 2015)	35.1	12.4	.28	14	26	34	43	57				
Public Over 20K Enrl	37.3	12.5	.05	17	29	37	46	60	58,457	-2.3	.000	-.180
Carnegie Class	37.1	12.5	.06	17	29	37	46	60	43,840	-2.0	.000	-.159
NSSE 2017 & 2018	37.9	12.4	.03	17	29	37	46	60	206,126	-2.8	.000	-.226
Top 50%	39.6	12.2	.04	20	31	40	49	60	92,429	-4.5	.000	-.369
Top 10%	41.1	12.2	.09	20	33	40	51	60	21,244	-6.1	.000	-.496
Learning Strategies												
Univ of Houston (N = 1848)	36.9	14.6	.34	13	27	40	47	60				
Public Over 20K Enrl	37.7	14.6	.07	13	27	40	47	60	51,560	-.8	.018	-.056
Carnegie Class	37.3	14.5	.08	13	27	40	47	60	38,571	-.4	.254	-.027
NSSE 2017 & 2018	38.3	14.5	.03	13	27	40	47	60	183,296	-1.4	.000	-.099
Top 50%	40.2	14.4	.05	20	33	40	53	60	1,915	-3.3	.000	-.229
Top 10%	42.3	14.2	.09	20	33	40	53	60	28,292	-5.4	.000	-.383
Quantitative Reasoning												
Univ of Houston (N = 1865)	29.3	15.9	.37	0	20	27	40	60				
Public Over 20K Enrl	30.1	16.2	.07	0	20	27	40	60	55,114	-.8	.038	-.049
Carnegie Class	30.5	16.1	.08	0	20	33	40	60	41,216	-1.2	.001	-.077
NSSE 2017 & 2018	29.6	16.1	.04	0	20	27	40	60	194,181	-.3	.385	-.020
Top 50%	30.7	16.0	.05	0	20	33	40	60	126,751	-1.4	.000	-.088
Top 10%	32.7	15.7	.09	7	20	33	40	60	29,520	-3.4	.000	-.214
Learning with Peers												
Collaborative Learning												
Univ of Houston (N = 2092)	34.6	14.5	.32	10	25	35	45	60				
Public Over 20K Enrl	33.5	14.9	.06	10	20	35	45	60	2,251	1.2	.000	.079
Carnegie Class	33.7	14.9	.07	10	25	35	45	60	2,308	.9	.004	.063
NSSE 2017 & 2018	32.5	15.0	.03	5	20	30	45	60	2,136	2.2	.000	.144
Top 50%	35.7	13.8	.04	15	25	35	45	60	2,160	-1.1	.001	-.078
Top 10%	38.1	13.5	.10	15	30	40	50	60	2,486	-3.5	.000	-.255
Discussions with Diverse Others												
Univ of Houston (N = 1860)	42.4	16.4	.38	15	30	40	60	60				
Public Over 20K Enrl	41.2	15.8	.07	15	30	40	60	60	1,990	1.2	.001	.079
Carnegie Class	41.6	15.3	.08	15	30	40	55	60	2,025	.8	.034	.054
NSSE 2017 & 2018	40.3	15.8	.04	15	30	40	55	60	1,895	2.2	.000	.137
Top 50%	41.9	15.6	.04	15	30	40	60	60	1,909	.5	.175	.033
Top 10%	43.9	15.4	.09	20	35	45	60	60	2,076	-1.4	.000	-.093

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
Experiences with Faculty												
Student-Faculty Interaction												
Univ of Houston (N = 1946)	21.5	15.9	.36	0	10	20	30	55				
Public Over 20K Enrl	22.4	15.6	.07	0	10	20	30	55	57,019	-.9	.017	-.055
Carnegie Class	22.7	15.4	.08	0	10	20	30	55	42,688	-1.2	.001	-.077
NSSE 2017 & 2018	24.0	15.9	.04	0	10	20	35	55	201,015	-2.4	.000	-.152
Top 50%	29.2	15.8	.07	5	20	30	40	60	53,143	-7.7	.000	-.486
Top 10%	33.3	16.1	.20	10	20	35	45	60	3,237	-11.7	.000	-.731
Effective Teaching Practices												
Univ of Houston (N = 1922)	36.9	13.7	.31	12	28	36	48	60				
Public Over 20K Enrl	38.7	13.6	.06	16	28	40	48	60	56,300	-1.8	.000	-.134
Carnegie Class	38.2	13.3	.07	16	28	40	48	60	42,114	-1.3	.000	-.100
NSSE 2017 & 2018	39.4	13.7	.03	16	32	40	48	60	198,473	-2.5	.000	-.181
Top 50%	41.1	13.6	.05	16	32	40	52	60	82,223	-4.2	.000	-.311
Top 10%	43.1	13.7	.11	20	36	44	56	60	18,358	-6.2	.000	-.452
Campus Environment												
Quality of Interactions												
Univ of Houston (N = 1728)	38.9	13.4	.32	16	30	40	50	60				
Public Over 20K Enrl	41.0	12.3	.06	18	34	42	50	60	1,839	-2.1	.000	-.170
Carnegie Class	40.6	12.1	.07	18	33	42	50	60	1,873	-1.6	.000	-.133
NSSE 2017 & 2018	42.0	12.3	.03	20	34	44	50	60	1,757	-3.1	.000	-.249
Top 50%	44.4	11.9	.05	22	38	46	54	60	1,800	-5.5	.000	-.457
Top 10%	46.5	12.3	.09	22	40	50	58	60	2,023	-7.6	.000	-.612
Supportive Environment												
Univ of Houston (N = 1827)	32.1	14.2	.33	10	20	33	40	60				
Public Over 20K Enrl	32.3	14.1	.06	10	23	33	40	58	49,546	-.2	.534	-.015
Carnegie Class	32.5	13.8	.07	10	23	33	40	58	2,008	-.4	.221	-.030
NSSE 2017 & 2018	32.0	14.1	.03	10	23	33	40	58	176,642	.0	.886	.003
Top 50%	34.3	13.7	.05	13	25	35	43	60	1,905	-2.2	.000	-.161
Top 10%	36.4	13.7	.11	13	28	38	45	60	2,222	-4.3	.000	-.312

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.