

NSSE 2023 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 = 702)	38.5	14.0	.53	15	30	40	50	60				
Texas Group	40.2	14.3	.20	15	30	40	50	60	5,943	-1.7	.003	-.120
US NEWS Group	40.0	13.4	.18	20	30	40	50	60	873	-1.6	.005	-.116
Large Tier 1 Public	39.9	13.8	.11	20	30	40	50	60	16,095	-1.5	.005	-.108
Top 50%	42.1	13.7	.07	20	35	40	55	60	38,033	-3.6	.000	-.264
Top 10%	44.7	12.8	.21	20	40	45	60	60	4,271	-6.3	.000	-.480
Reflective & Integrative Learning												
Univ of Houston (N = 775)	34.9	13.0	.47	14	26	34	43	60				
Texas Group	37.4	13.3	.18	17	29	37	46	60	6,344	-2.5	.000	-.192
US NEWS Group	37.7	12.7	.16	17	29	37	46	60	6,722	-2.8	.000	-.222
Large Tier 1 Public	37.9	13.0	.10	17	29	37	49	60	17,267	-3.1	.000	-.237
Top 50%	40.6	12.5	.07	20	31	40	51	60	34,599	-5.7	.000	-.460
Top 10%	43.1	11.8	.20	23	34	43	54	60	1,081	-8.2	.000	-.681
Learning Strategies												
Univ of Houston (N = 645)	38.6	13.9	.55	20	27	40	47	60				
Texas Group	40.0	14.6	.21	13	27	40	53	60	5,563	-1.4	.023	-.095
US NEWS Group	37.2	14.5	.20	13	27	40	47	60	5,795	1.4	.020	.097
Large Tier 1 Public	38.3	14.7	.12	13	27	40	47	60	15,034	.3	.649	.018
Top 50%	40.9	14.5	.07	20	33	40	53	60	40,634	-2.4	.000	-.164
Top 10%	43.6	14.1	.19	20	33	40	60	60	6,456	-5.0	.000	-.354
Quantitative Reasoning												
Univ of Houston (N = 665)	30.5	16.4	.63	0	20	33	40	60				
Texas Group	31.1	16.7	.24	0	20	33	40	60	5,658	-.6	.405	-.034
US NEWS Group	32.5	16.1	.22	7	20	33	40	60	5,884	-2.0	.003	-.124
Large Tier 1 Public	32.0	16.4	.14	0	20	33	40	60	15,260	-1.6	.017	-.095
Top 50%	32.7	16.5	.08	7	20	33	40	60	47,672	-2.2	.001	-.133
Top 10%	36.3	16.2	.26	7	20	40	47	60	4,433	-5.8	.000	-.356
Learning with Peers												
Collaborative Learning												
Univ of Houston (N = 833)	31.6	14.6	.50	10	20	30	40	60				
Texas Group	30.1	16.2	.21	0	20	30	40	60	1,145	1.5	.006	.095
US NEWS Group	33.2	14.8	.19	10	20	35	45	60	7,182	-1.6	.003	-.108
Large Tier 1 Public	31.8	15.3	.12	5	20	30	40	60	922	-.1	.773	-.010
Top 50%	34.7	14.2	.07	10	25	35	45	60	38,396	-3.1	.000	-.217
Top 10%	38.1	13.6	.19	15	30	40	50	60	1,085	-6.5	.000	-.471
Discussions with Diverse Others												
Univ of Houston (N = 662)	40.3	16.3	.64	10	30	40	55	60				
Texas Group	38.9	17.4	.25	5	25	40	55	60	874	1.5	.030	.086
US NEWS Group	39.6	14.8	.21	20	30	40	50	60	807	.7	.278	.048
Large Tier 1 Public	40.0	15.7	.13	15	30	40	55	60	15,113	.3	.616	.020
Top 50%	41.1	15.6	.08	15	30	40	55	60	41,307	-.7	.228	-.047
Top 10%	43.9	14.8	.22	20	35	45	60	60	831	-3.6	.000	-.240

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 = 747)	20.0	15.6	.57	0	10	15	30	50				
Texas Group	21.5	16.9	.23	0	10	20	35	60	1,007	-1.6	.010	-.094
US NEWS Group	22.0	15.6	.21	0	10	20	30	55	6,441	-2.1	.001	-.133
Large Tier 1 Public	22.4	16.2	.13	0	10	20	35	60	823	-2.4	.000	-.150
Top 50%	29.6	16.2	.12	5	20	30	40	60	814	-9.6	.000	-.595
Top 10%	34.3	15.8	.35	10	20	35	45	60	1,344	-14.3	.000	-.907
Effective Teaching Practices												
Univ of Houston (N = 704)	37.9	13.8	.52	16	28	40	48	60				
Texas Group	39.1	14.9	.21	12	28	40	52	60	936	-1.2	.027	-.084
US NEWS Group	38.6	13.3	.18	16	28	40	48	60	878	-.7	.175	-.056
Large Tier 1 Public	39.1	13.9	.11	16	28	40	48	60	16,042	-1.2	.019	-.090
Top 50%	42.1	13.8	.08	20	32	40	56	60	28,417	-4.2	.000	-.309
Top 10%	44.7	13.4	.20	20	36	44	56	60	5,036	-6.8	.000	-.506
Campus Environment												
Quality of Interactions												
Univ of Houston (N = 590)	39.8	12.9	.53	16	32	40	48	60				
Texas Group	42.9	13.2	.20	18	35	45	53	60	5,018	-3.1	.000	-.239
US NEWS Group	41.3	11.9	.17	20	34	42	50	60	719	-1.5	.007	-.126
Large Tier 1 Public	42.1	12.2	.11	20	34	44	50	60	13,671	-2.4	.000	-.195
Top 50%	45.4	12.1	.07	22	38	48	55	60	30,375	-5.6	.000	-.464
Top 10%	47.9	12.5	.15	22	40	50	60	60	7,968	-8.1	.000	-.647
Supportive Environment												
Univ of Houston (N = 635)	31.3	14.5	.58	8	20	30	40	60				
Texas Group	32.6	15.2	.22	8	20	33	43	60	5,430	-1.3	.037	-.088
US NEWS Group	30.8	13.4	.19	10	20	30	40	58	777	.5	.428	.036
Large Tier 1 Public	31.9	14.1	.12	10	23	33	40	60	14,700	-.6	.282	-.044
Top 50%	34.5	14.3	.09	10	25	35	45	60	27,913	-3.2	.000	-.226
Top 10%	37.7	13.9	.27	15	28	38	48	60	3,254	-6.4	.000	-.453

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 +/- 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.