

Detailed Statistics: First-Year Students

	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 = 1719)	39.1	13.6	.33	20	30	40	50	60				
Southwest Public	37.5	13.5	.09	15	30	40	45	60	23,571	1.6	.000	.118
Carnegie Class	38.2	12.9	.05	20	30	40	45	60	1,800	1.0	.004	.074
NSSE 2019 & 2020	38.0	13.2	.03	20	30	40	45	60	278,507	1.1	.001	.082
Top 50%	39.3	13.1	.03	20	30	40	50	60	1,753	-.2	.558	-.015
Top 10%	41.4	12.8	.07	20	35	40	50	60	1,895	-2.3	.000	-.175
Reflective & Integrative Learning												
Univ of Houston (N = 1827)	35.4	12.0	.28	17	26	34	43	57				
Southwest Public	34.5	12.1	.08	17	26	34	43	57	25,596	.9	.002	.075
Carnegie Class	34.9	11.9	.04	17	26	34	43	57	73,412	.5	.068	.043
NSSE 2019 & 2020	35.2	12.0	.02	17	26	34	43	57	301,410	.3	.368	.021
Top 50%	36.7	11.8	.03	17	29	37	46	57	153,898	-1.3	.000	-.109
Top 10%	39.0	11.7	.08	20	31	40	49	60	2,097	-3.6	.000	-.302
Learning Strategies												
Univ of Houston (N = 1671)	38.8	13.5	.33	20	27	40	47	60				
Southwest Public	37.9	13.8	.10	20	27	40	47	60	22,257	.9	.008	.068
Carnegie Class	37.7	13.7	.05	20	27	40	47	60	64,082	1.2	.001	.086
NSSE 2019 & 2020	38.3	13.8	.03	20	27	40	47	60	263,272	.6	.090	.042
Top 50%	39.9	13.7	.04	20	33	40	53	60	133,586	-1.1	.001	-.079
Top 10%	42.3	14.1	.08	20	33	40	53	60	1,884	-3.5	.000	-.246
Quantitative Reasoning												
Univ of Houston (N = 1693)	29.6	15.6	.38	7	20	27	40	60				
Southwest Public	28.0	15.3	.11	0	20	27	40	60	1,964	1.6	.000	.102
Carnegie Class	29.3	15.1	.06	7	20	27	40	60	1,777	.3	.382	.022
NSSE 2019 & 2020	28.2	15.3	.03	0	20	27	40	60	1,713	1.4	.000	.092
Top 50%	29.4	15.2	.04	7	20	27	40	60	1,724	.2	.637	.012
Top 10%	31.4	15.3	.08	7	20	33	40	60	38,345	-1.8	.000	-.116
Learning with Peers												
Collaborative Learning												
Univ of Houston (N = 1888)	33.2	14.1	.33	10	20	35	40	60				
Southwest Public	33.3	14.3	.09	10	25	35	45	60	27,532	-.1	.847	-.005
Carnegie Class	34.3	14.1	.05	10	25	35	45	60	79,410	-1.1	.001	-.078
NSSE 2019 & 2020	32.2	14.7	.03	5	20	30	40	60	324,633	1.0	.004	.067
Top 50%	35.2	13.7	.03	15	25	35	45	60	1,920	-1.9	.000	-.141
Top 10%	37.4	13.5	.07	15	30	40	45	60	2,045	-4.2	.000	-.307
Discussions with Diverse Others												
Univ of Houston (N = 1684)	42.0	15.9	.39	15	30	40	60	60				
Southwest Public	39.6	16.2	.11	10	30	40	55	60	22,452	2.5	.000	.152
Carnegie Class	41.3	14.8	.06	20	30	40	55	60	1,762	.7	.089	.045
NSSE 2019 & 2020	39.5	15.6	.03	15	30	40	55	60	1,704	2.5	.000	.162
Top 50%	41.4	14.9	.04	20	30	40	55	60	1,711	.6	.146	.038
Top 10%	43.6	14.5	.08	20	35	45	60	60	1,813	-1.6	.000	-.110

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Experiences with Faculty												
Student-Faculty Interaction												
Univ of Houston (N = 1762)	18.2	15.1	.36	0	5	15	25	45				
Southwest Public	21.2	14.9	.10	0	10	20	30	50	24,502	-3.0	.000	-.199
Carnegie Class	20.9	14.4	.06	0	10	20	30	50	1,845	-2.6	.000	-.183
NSSE 2019 & 2020	21.4	14.6	.03	0	10	20	30	50	1,782	-3.2	.000	-.217
Top 50%	24.5	14.7	.05	5	15	20	35	55	103,528	-6.3	.000	-.425
Top 10%	28.1	15.5	.13	5	15	25	40	60	2,271	-9.9	.000	-.641
Effective Teaching Practices												
Univ of Houston (N = 1729)	36.2	12.7	.31	16	28	36	44	60				
Southwest Public	37.8	13.5	.09	16	28	40	48	60	2,047	-1.6	.000	-.123
Carnegie Class	37.5	12.6	.05	16	28	36	48	60	67,406	-1.4	.000	-.108
NSSE 2019 & 2020	38.5	13.2	.03	16	28	40	48	60	1,751	-2.3	.000	-.174
Top 50%	40.5	13.2	.04	20	32	40	52	60	1,784	-4.4	.000	-.331
Top 10%	42.3	14.1	.08	16	32	44	56	60	1,968	-6.1	.000	-.435
Campus Environment												
Quality of Interactions												
Univ of Houston (N = 1562)	39.6	13.1	.33	16	32	40	50	60				
Southwest Public	43.2	12.1	.09	20	36	44	52	60	1,782	-3.6	.000	-.295
Carnegie Class	43.0	11.2	.05	22	36	44	50	60	1,621	-3.4	.000	-.303
NSSE 2019 & 2020	43.3	11.8	.02	22	36	44	52	60	1,577	-3.6	.000	-.308
Top 50%	45.2	11.2	.03	24	38	46	54	60	1,594	-5.5	.000	-.495
Top 10%	47.2	11.6	.07	25	40	50	58	60	1,712	-7.6	.000	-.646
Supportive Environment												
Univ of Houston (N = 1645)	36.2	13.1	.32	15	28	38	45	60				
Southwest Public	36.7	13.7	.10	15	28	38	45	60	1,950	-.5	.106	-.040
Carnegie Class	36.5	13.0	.05	15	28	38	45	60	62,229	-.4	.274	-.027
NSSE 2019 & 2020	36.0	13.5	.03	15	28	38	45	60	254,764	.2	.626	.012
Top 50%	37.9	13.1	.04	18	30	38	48	60	131,728	-1.7	.000	-.132
Top 10%	40.0	12.9	.09	18	33	40	50	60	24,590	-3.9	.000	-.300

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.