

Detailed Statistics: First-Year Students

	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 = 1173)	38.4	13.2	.39	20	30	40	45	60				
Public Over 20K Enrl	37.7	13.1	.06	20	30	40	45	60	54,029	.7	.083	.051
Carnegie Class	38.0	12.9	.06	20	30	40	45	60	41,097	.4	.280	.032
NSSE 2017 & 2018	37.8	13.2	.03	20	30	40	45	60	215,537	.6	.143	.043
Top 50%	38.9	13.1	.04	20	30	40	50	60	127,797	-.6	.146	-.043
Top 10%	40.5	13.3	.08	20	30	40	50	60	31,541	-2.1	.000	-.159
Reflective & Integrative Learning												
Univ of Houston (N = 1216)	35.2	11.8	.34	17	26	34	43	57				
Public Over 20K Enrl	35.0	11.9	.05	17	26	34	43	57	56,638	.1	.703	.011
Carnegie Class	35.0	11.8	.06	17	26	34	43	57	43,155	.2	.635	.014
NSSE 2017 & 2018	35.1	11.9	.03	17	26	34	43	57	227,501	.1	.789	.008
Top 50%	36.5	11.8	.03	17	29	37	43	57	119,942	-1.3	.000	-.111
Top 10%	38.1	12.0	.08	20	29	37	46	60	26,906	-2.9	.000	-.242
Learning Strategies												
Univ of Houston (N = 1133)	37.0	14.2	.42	13	27	40	47	60				
Public Over 20K Enrl	37.4	13.7	.06	13	27	40	47	60	48,877	-.5	.240	-.035
Carnegie Class	37.5	13.6	.07	20	27	40	47	60	1,198	-.6	.166	-.043
NSSE 2017 & 2018	38.1	13.7	.03	20	27	40	47	60	196,584	-1.1	.007	-.080
Top 50%	39.5	13.7	.04	20	27	40	53	60	1,155	-2.6	.000	-.187
Top 10%	41.6	14.1	.09	20	33	40	53	60	26,113	-4.7	.000	-.331
Quantitative Reasoning												
Univ of Houston (N = 1139)	28.4	15.5	.46	0	20	27	40	60				
Public Over 20K Enrl	28.2	15.2	.07	0	20	27	40	60	52,863	.2	.599	.016
Carnegie Class	28.6	15.1	.08	0	20	27	40	60	40,153	-.1	.767	-.009
NSSE 2017 & 2018	27.5	15.3	.03	0	20	27	40	60	210,485	1.0	.033	.063
Top 50%	28.7	15.2	.04	0	20	27	40	60	135,158	-.2	.621	-.015
Top 10%	30.4	15.3	.08	7	20	27	40	60	34,176	-1.9	.000	-.127
Learning with Peers												
Collaborative Learning												
Univ of Houston (N = 1282)	33.5	14.5	.41	10	20	35	40	60				
Public Over 20K Enrl	33.3	14.1	.06	10	25	35	40	60	59,493	.2	.592	.015
Carnegie Class	34.1	14.0	.07	10	25	35	45	60	45,626	-.6	.121	-.044
NSSE 2017 & 2018	32.3	14.4	.03	10	20	30	40	60	239,020	1.2	.002	.085
Top 50%	35.1	13.6	.04	15	25	35	45	60	1,302	-1.6	.000	-.119
Top 10%	37.2	13.6	.08	15	25	40	45	60	1,374	-3.7	.000	-.273
Discussions with Diverse Others												
Univ of Houston (N = 1143)	40.9	15.7	.47	15	30	40	55	60				
Public Over 20K Enrl	40.4	15.3	.07	15	30	40	55	60	49,355	.5	.290	.032
Carnegie Class	41.5	14.7	.08	20	30	40	55	60	1,205	-.6	.238	-.038
NSSE 2017 & 2018	39.4	15.5	.03	15	30	40	55	60	198,266	1.6	.001	.100
Top 50%	41.4	15.0	.04	20	30	40	55	60	1,160	-.5	.326	-.031
Top 10%	43.4	14.8	.09	20	35	45	60	60	1,223	-2.5	.000	-.168

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Experiences with Faculty												
Student-Faculty Interaction												
Univ of Houston (N = 1186)	18.7	15.6	.45	0	5	15	30	50				
Public Over 20K Enrl	20.1	14.4	.06	0	10	20	30	45	1,230	-1.3	.004	-.091
Carnegie Class	20.2	14.2	.07	0	10	20	30	45	1,243	-1.4	.002	-.100
NSSE 2017 & 2018	21.1	14.6	.03	0	10	20	30	50	1,196	-2.4	.000	-.163
Top 50%	24.3	14.8	.05	5	15	20	35	55	1,217	-5.5	.000	-.372
Top 10%	27.2	15.8	.14	5	15	25	40	60	14,579	-8.5	.000	-.539
Effective Teaching Practices												
Univ of Houston (N = 1176)	36.8	13.1	.38	16	28	36	44	60				
Public Over 20K Enrl	38.0	12.8	.06	16	28	40	48	60	54,096	-1.2	.001	-.094
Carnegie Class	37.7	12.6	.06	16	28	40	48	60	41,124	-.9	.011	-.075
NSSE 2017 & 2018	38.5	13.1	.03	16	28	40	48	60	216,025	-1.7	.000	-.130
Top 50%	40.3	13.1	.04	20	32	40	52	60	95,667	-3.5	.000	-.267
Top 10%	42.0	13.7	.09	20	32	40	52	60	1,301	-5.2	.000	-.380
Campus Environment												
Quality of Interactions												
Univ of Houston (N = 1056)	38.1	13.6	.42	12	30	40	48	60				
Public Over 20K Enrl	41.0	12.5	.06	18	34	42	50	60	1,098	-2.9	.000	-.229
Carnegie Class	41.4	11.8	.06	20	34	42	50	60	1,106	-3.2	.000	-.273
NSSE 2017 & 2018	41.7	12.4	.03	18	34	43	50	60	1,066	-3.6	.000	-.285
Top 50%	43.9	11.6	.04	22	38	46	52	60	1,077	-5.7	.000	-.494
Top 10%	45.9	12.1	.09	22	40	48	56	60	1,164	-7.7	.000	-.634
Supportive Environment												
Univ of Houston (N = 1107)	34.8	13.7	.41	13	25	35	43	60				
Public Over 20K Enrl	36.5	13.4	.06	15	28	38	45	60	46,461	-1.6	.000	-.122
Carnegie Class	36.7	13.0	.07	15	28	38	45	60	1,171	-1.9	.000	-.145
NSSE 2017 & 2018	36.1	13.6	.03	13	28	38	45	60	186,808	-1.3	.002	-.094
Top 50%	37.9	13.2	.04	15	30	40	48	60	101,826	-3.1	.000	-.238
Top 10%	39.7	13.1	.08	18	30	40	50	60	1,201	-4.9	.000	-.370

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 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.