

NSSE 2014 Engagement Indicators

Detailed Statistics^a University of Houston

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 = 237)	39.6	14.9	.97	15	30	40	55	60				
Public Over 20K Enrl	38.7	13.8	.11	15	30	40	50	60	16,981	.9	.321	.065
RU/VH-Research Univ	38.5	13.5	.13	15	30	40	50	60	11,572	1.1	.206	.083
NSSE 2013 & 2014	39.0	13.8	.05	15	30	40	50	60	67,554	.6	.509	.043
Top 50%	40.6	13.6	.07	20	30	40	50	60	33,351	-1.0	.281	-.070
Top 10%	42.7	13.6	.17	20	35	40	55	60	6,404	-3.1	.001	-.224
Reflective & Integrative Learning												
Univ of Houston (N = 248)	34.1	13.3	.85	14	26	33	43	57				
Public Over 20K Enrl	35.4	12.6	.10	17	26	34	43	60	17,678	-1.3	.097	-.106
RU/VH-Research Univ	34.8	12.4	.11	17	26	34	43	60	12,031	-.8	.347	-.060
NSSE 2013 & 2014	35.6	12.6	.05	17	26	34	43	60	70,506	-1.5	.055	-.122
Top 50%	37.3	12.5	.07	17	29	37	46	60	33,834	-3.3	.000	-.260
Top 10%	39.3	12.6	.15	20	31	40	49	60	7,436	-5.2	.000	-.414
Learning Strategies												
Univ of Houston (N = 201)	36.4	13.7	.97	13	27	33	47	60				
Public Over 20K Enrl	39.0	14.2	.11	20	27	40	53	60	15,586	-2.6	.011	-.181
RU/VH-Research Univ	38.5	14.1	.14	13	27	40	47	60	10,676	-2.1	.037	-.148
NSSE 2013 & 2014	39.5	14.2	.06	20	27	40	53	60	62,603	-3.1	.002	-.217
Top 50%	41.2	14.0	.08	20	33	40	53	60	29,669	-4.8	.000	-.343
Top 10%	43.4	14.0	.18	20	33	40	60	60	6,442	-7.0	.000	-.500
Quantitative Reasoning												
Univ of Houston (N = 241)	28.1	16.0	1.03	0	20	27	40	60				
Public Over 20K Enrl	27.9	16.2	.12	0	20	27	40	60	17,196	.2	.844	.013
RU/VH-Research Univ	28.5	15.9	.15	0	20	27	40	60	11,718	-.4	.665	-.028
NSSE 2013 & 2014	27.4	16.4	.06	0	20	27	40	60	68,650	.7	.501	.043
Top 50%	28.8	16.3	.08	0	20	27	40	60	42,948	-.7	.492	-.044
Top 10%	30.6	16.2	.16	0	20	27	40	60	10,032	-2.6	.015	-.158
Learning with Peers												
Collaborative Learning												
Univ of Houston (N = 263)	30.8	13.6	.84	10	20	30	40	60				
Public Over 20K Enrl	32.4	14.1	.11	10	20	30	40	60	18,182	-1.5	.076	-.110
RU/VH-Research Univ	33.7	13.9	.13	10	25	35	45	60	12,409	-2.9	.001	-.210
NSSE 2013 & 2014	32.1	14.1	.05	10	20	30	40	60	72,231	-1.2	.154	-.088
Top 50%	34.7	13.7	.07	15	25	35	45	60	40,863	-3.9	.000	-.284
Top 10%	37.0	13.6	.14	15	25	35	45	60	9,513	-6.2	.000	-.457
Discussions with Diverse Others												
Univ of Houston (N = 203)	42.7	17.0	1.20	10	30	45	60	60				
Public Over 20K Enrl	41.9	15.8	.13	15	30	40	60	60	206	.8	.491	.053
RU/VH-Research Univ	42.3	15.3	.15	20	30	40	60	60	208	.4	.744	.026
NSSE 2013 & 2014	40.9	16.0	.06	15	30	40	60	60	203	1.8	.132	.113
Top 50%	43.2	15.4	.08	20	35	45	60	60	203	-.5	.661	-.034
Top 10%	45.6	14.8	.17	20	40	50	60	60	210	-2.9	.017	-.196
Experiences with Faculty												
Student-Faculty Interaction												
Univ of Houston (N = 244)	17.5	14.0	.90	0	5	15	25	40				
Public Over 20K Enrl	19.0	14.4	.11	0	10	15	25	45	17,275	-1.6	.087	-.111

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RU/VH-Research Univ	19.3	14.1	.13	0	10	15	25	45	11,755	-1.8	.044	-.130
NSSE 2013 & 2014	20.3	14.6	.06	0	10	20	30	50	68,898	-2.8	.002	-.194
Top 50%	23.3	15.0	.10	0	10	20	30	55	24,585	-5.9	.000	-.392
Top 10%	26.9	16.2	.26	5	15	25	40	60	284	-9.5	.000	-.590
Effective Teaching Practices												
Univ of Houston (N = 247)	38.6	13.2	.84	20	28	40	48	60				
Public Over 20K Enrl	39.1	13.0	.10	20	32	40	48	60	17,395	-.5	.587	-.035
RU/VH-Research Univ	38.5	12.6	.12	20	30	40	48	60	11,835	.1	.876	.010
NSSE 2013 & 2014	40.2	13.3	.05	20	32	40	52	60	69,461	-1.5	.068	-.116
Top 50%	42.4	13.2	.08	20	32	44	52	60	27,252	-3.7	.000	-.284
Top 10%	44.6	13.3	.18	20	36	44	56	60	5,618	-6.0	.000	-.452
Campus Environment												
Quality of Interactions												
Univ of Houston (N = 191)	37.6	14.3	1.03	10	30	40	48	60				
Public Over 20K Enrl	40.6	12.4	.10	18	34	42	50	60	194	-3.0	.004	-.243
RU/VH-Research Univ	41.2	11.7	.12	20	34	42	50	60	195	-3.6	.001	-.306
NSSE 2013 & 2014	41.5	12.4	.05	18	34	43	50	60	191	-3.9	.000	-.318
Top 50%	44.0	11.4	.08	22	38	46	52	60	192	-6.4	.000	-.558
Top 10%	46.0	11.6	.17	24	40	48	55	60	200	-8.4	.000	-.719
Supportive Environment												
Univ of Houston (N = 176)	38.2	14.2	1.07	13	30	40	48	60				
Public Over 20K Enrl	37.4	13.6	.11	15	28	38	48	60	14,461	.8	.422	.061
RU/VH-Research Univ	37.8	13.0	.13	18	30	38	48	60	9,981	.4	.686	.031
NSSE 2013 & 2014	37.3	13.8	.06	15	28	38	48	60	58,363	.9	.395	.064
Top 50%	39.4	13.2	.08	18	30	40	50	60	29,873	-1.2	.224	-.092
Top 10%	41.4	12.8	.16	20	33	40	53	60	6,695	-3.2	.001	-.247

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 is the range of values that is 95% likely to contain the true population mean, equal to the sample mean $\pm 1.96 * SEM$.

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.