

NSSE 2017 U.S. Engagement Indicator Descriptive Statistics by Class and Sex

Theme/Engagement Indicator		Mean Statistics				95% Conf. Interval		Distribution Statistics (Percentile Scores)				
		N	Mean	SD	SEM	Lower	Upper	5	25	50	75	95
Academic Challenge												
Higher-Order Learning												
First-Year	Female	84,611	38.2	13.2	0.0	38.1	38.3	20.0	30.0	40.0	45.0	60.0
	Male	67,436	37.3	13.1	0.1	37.2	37.4	15.0	30.0	40.0	45.0	60.0
	Total	152,047	37.8	13.2	0.0	37.7	37.9	20.0	30.0	40.0	45.0	60.0
Senior	Female	109,984	40.8	13.5	0.0	40.7	40.8	20.0	30.0	40.0	50.0	60.0
	Male	86,629	38.8	13.7	0.0	38.7	38.9	15.0	30.0	40.0	50.0	60.0
	Total	196,613	39.9	13.6	0.0	39.8	40.0	20.0	30.0	40.0	50.0	60.0
Reflective & Integrative Learning												
First-Year	Female	87,995	35.5	11.9	0.0	35.4	35.6	17.1	26.7	34.3	42.9	57.1
	Male	70,086	34.3	11.8	0.0	34.2	34.4	17.1	25.7	34.3	42.9	54.3
	Total	158,081	35.0	11.9	0.0	34.9	35.0	17.1	25.7	34.3	42.9	57.1
Senior	Female	113,289	38.9	12.3	0.0	38.8	38.9	20.0	31.4	40.0	48.6	60.0
	Male	89,207	36.5	12.5	0.0	36.4	36.6	17.1	28.6	37.1	45.7	60.0
	Total	202,496	37.8	12.4	0.0	37.8	37.9	17.1	28.6	37.1	45.7	60.0
Learning Strategies												
First-Year	Female	75,204	39.5	13.6	0.0	39.4	39.6	20.0	26.7	40.0	53.3	60.0
	Male	58,911	36.5	13.5	0.1	36.4	36.6	13.3	26.7	40.0	46.7	60.0
	Total	134,115	38.2	13.6	0.0	38.1	38.2	20.0	26.7	40.0	46.7	60.0
Senior	Female	99,451	39.7	14.2	0.0	39.7	39.8	20.0	26.7	40.0	53.3	60.0
	Male	77,456	36.8	14.5	0.1	36.7	36.9	13.3	26.7	40.0	46.7	60.0
	Total	176,907	38.5	14.4	0.0	38.4	38.5	13.3	26.7	40.0	46.7	60.0
Quantitative Reasoning												
First-Year	Female	83,833	25.6	15.3	0.1	25.5	25.7	0.0	13.3	26.7	40.0	53.3
	Male	66,696	29.7	14.9	0.1	29.6	29.8	6.7	20.0	26.7	40.0	60.0
	Total	150,529	27.4	15.2	0.0	27.3	27.5	0.0	20.0	26.7	40.0	60.0
Senior	Female	109,063	27.6	16.0	0.0	27.5	27.7	0.0	20.0	26.7	40.0	60.0
	Male	85,753	32.3	15.7	0.1	32.2	32.4	6.7	20.0	33.3	40.0	60.0
	Total	194,816	29.7	16.1	0.0	29.6	29.7	0.0	20.0	26.7	40.0	60.0
Learning with Peers												
Collaborative Learning												
First-Year	Female	91,249	32.1	14.5	0.0	32.1	32.2	10.0	20.0	30.0	40.0	60.0
	Male	72,724	32.1	14.2	0.1	32.0	32.2	10.0	20.0	30.0	40.0	60.0
	Total	163,973	32.1	14.4	0.0	32.1	32.2	10.0	20.0	30.0	40.0	60.0
Senior	Female	115,464	32.0	15.1	0.0	31.9	32.1	5.0	20.0	30.0	40.0	60.0
	Male	91,419	32.9	14.8	0.0	32.9	33.0	10.0	20.0	35.0	45.0	60.0
	Total	206,884	32.4	15.0	0.0	32.3	32.5	5.0	20.0	30.0	40.0	60.0
Discussions with Diverse Others												
First-Year	Female	75,708	39.6	15.4	0.1	39.5	39.7	15.0	30.0	40.0	55.0	60.0
	Male	59,435	39.3	15.4	0.1	39.2	39.4	15.0	30.0	40.0	50.0	60.0
	Total	135,142	39.4	15.4	0.0	39.4	39.5	15.0	30.0	40.0	55.0	60.0
Senior	Female	99,972	40.6	15.8	0.0	40.5	40.7	15.0	30.0	40.0	55.0	60.0
	Male	77,880	40.0	15.9	0.1	39.8	40.1	15.0	30.0	40.0	55.0	60.0
	Total	177,852	40.3	15.8	0.0	40.3	40.4	15.0	30.0	40.0	55.0	60.0

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Experiences with Faculty												
Student-Faculty Interaction												
First-Year	Female	85,903	20.6	14.4	0.0	20.5	20.7	0.0	10.0	20.0	30.0	50.0
	Male	68,246	21.1	14.5	0.1	21.0	21.2	0.0	10.0	20.0	30.0	50.0
	Total	154,149	20.8	14.5	0.0	20.7	20.9	0.0	10.0	20.0	30.0	50.0
Senior	Female	111,078	23.9	15.9	0.0	23.8	24.0	0.0	10.0	20.0	35.0	55.0
	Male	87,466	23.7	15.7	0.1	23.5	23.8	0.0	10.0	20.0	35.0	55.0
	Total	198,545	23.8	15.8	0.0	23.7	23.8	0.0	10.0	20.0	35.0	55.0
Effective Teaching Practices												
First-Year	Female	85,087	38.6	13.1	0.0	38.5	38.7	16.0	28.0	40.0	48.0	60.0
	Male	67,820	38.5	13.0	0.0	38.4	38.6	16.0	30.0	40.0	48.0	60.0
	Total	152,907	38.6	13.1	0.0	38.5	38.6	16.0	28.0	40.0	48.0	60.0
Senior	Female	110,719	40.0	13.6	0.0	39.9	40.1	16.0	32.0	40.0	52.0	60.0
	Male	87,150	38.7	13.7	0.0	38.7	38.8	16.0	28.0	40.0	48.0	60.0
	Total	197,870	39.4	13.6	0.0	39.4	39.5	16.0	32.0	40.0	50.0	60.0
Campus Environment												
Quality of Interactions												
First-Year	Female	71,073	41.1	12.5	0.0	41.0	41.2	18.0	34.0	42.0	50.0	60.0
	Male	55,286	42.0	12.5	0.1	41.9	42.1	20.0	34.0	44.0	50.0	60.0
	Total	126,359	41.5	12.5	0.0	41.4	41.6	18.0	34.0	42.0	50.0	60.0
Senior	Female	92,998	42.2	12.1	0.0	42.2	42.3	20.0	35.0	44.0	50.0	60.0
	Male	72,818	41.7	12.6	0.0	41.6	41.8	18.0	34.0	42.5	50.0	60.0
	Total	165,816	42.0	12.3	0.0	41.9	42.0	20.0	34.0	44.0	50.0	60.0
Supportive Environment												
First-Year	Female	70,354	36.8	13.6	0.1	36.7	36.9	15.0	27.5	37.5	47.5	60.0
	Male	54,475	35.2	13.4	0.1	35.1	35.4	12.5	25.0	35.0	42.5	60.0
	Total	124,828	36.1	13.5	0.0	36.1	36.2	12.5	27.5	37.5	45.0	60.0
Senior	Female	94,760	32.7	14.0	0.0	32.6	32.8	10.0	22.5	32.5	42.5	57.5
	Male	73,267	31.2	14.1	0.1	31.1	31.3	7.5	20.0	30.0	40.0	57.5
	Total	168,027	32.0	14.1	0.0	32.0	32.1	10.0	22.5	32.5	40.0	57.5

Engagement Indicator Information

Each EI provides valuable information about a distinct aspect of student engagement by summarizing students' responses to a set of related survey questions. To facilitate comparisons over time, as well as between individual institutions or groups of institutions, each EI is expressed on a 60-point scale. Engagement Indicators were computed by scoring responses to each component question from 0 to 60, then taking the average. Thus an EI score of zero would mean that a student chose the lowest response option for an item in that indicator, while a score of 60 would mean that every student chose the highest response to every item.

More information about the Engagement Indicators is available on the NSSE website: nsse.indiana.edu/html/engagement_indicators.cfm

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