

# NSSE 2018 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
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
First-Year	Female	60,616	38.4	13.4	0.1	38.3	38.5	20.0	30.0	40.0	50.0	60.0
	Male	44,717	37.0	13.1	0.1	36.9	37.1	15.0	30.0	40.0	45.0	60.0
	Total	105,333	37.8	13.3	0.0	37.7	37.9	20.0	30.0	40.0	45.0	60.0
Senior	Female	76,990	40.8	13.6	0.0	40.7	40.9	20.0	30.0	40.0	50.0	60.0
	Male	55,143	38.6	13.8	0.1	38.5	38.7	15.0	30.0	40.0	50.0	60.0
	Total	132,133	39.9	13.7	0.0	39.8	39.9	20.0	30.0	40.0	50.0	60.0
<b>Reflective &amp; Integrative Learning</b>												
First-Year	Female	64,843	35.6	12.0	0.0	35.5	35.7	17.1	26.7	34.3	42.9	57.1
	Male	48,145	34.3	12.0	0.1	34.2	34.4	14.3	25.7	34.3	42.9	57.1
	Total	112,988	35.0	12.0	0.0	35.0	35.1	17.1	25.7	34.3	42.9	57.1
Senior	Female	81,012	38.8	12.3	0.0	38.7	38.9	20.0	31.4	40.0	48.6	60.0
	Male	58,348	36.3	12.5	0.1	36.2	36.4	17.1	28.6	37.1	45.7	60.0
	Total	139,360	37.8	12.5	0.0	37.7	37.8	17.1	28.6	37.1	45.7	60.0
<b>Learning Strategies</b>												
First-Year	Female	57,527	39.3	13.8	0.1	39.2	39.4	20.0	26.7	40.0	53.3	60.0
	Male	42,014	36.2	13.6	0.1	36.1	36.4	13.3	26.7	33.3	46.7	60.0
	Total	99,541	38.0	13.8	0.0	37.9	38.1	20.0	26.7	40.0	46.7	60.0
Senior	Female	73,823	39.6	14.3	0.1	39.5	39.7	13.3	26.7	40.0	53.3	60.0
	Male	52,705	36.6	14.6	0.1	36.5	36.7	13.3	26.7	40.0	46.7	60.0
	Total	126,529	38.4	14.5	0.0	38.3	38.4	13.3	26.7	40.0	46.7	60.0
<b>Quantitative Reasoning</b>												
First-Year	Female	58,442	25.9	15.5	0.1	25.8	26.1	0.0	13.3	26.7	40.0	60.0
	Male	42,859	29.6	15.0	0.1	29.5	29.8	6.7	20.0	26.7	40.0	60.0
	Total	101,301	27.5	15.4	0.0	27.4	27.6	0.0	20.0	26.7	40.0	60.0
Senior	Female	74,823	27.7	16.2	0.1	27.6	27.9	0.0	20.0	26.7	40.0	60.0
	Male	53,475	31.9	15.9	0.1	31.8	32.1	6.7	20.0	33.3	40.0	60.0
	Total	128,297	29.5	16.2	0.0	29.4	29.6	0.0	20.0	26.7	40.0	60.0
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
First-Year	Female	68,667	32.4	14.7	0.1	32.3	32.5	5.0	20.0	30.0	40.0	60.0
	Male	51,667	32.1	14.4	0.1	32.0	32.2	10.0	20.0	30.0	40.0	60.0
	Total	120,335	32.3	14.6	0.0	32.2	32.4	10.0	20.0	30.0	40.0	60.0
Senior	Female	83,590	31.6	15.7	0.1	31.5	31.7	5.0	20.0	30.0	40.0	60.0
	Male	60,840	32.7	15.1	0.1	32.6	32.8	5.0	20.0	35.0	45.0	60.0
	Total	144,431	32.0	15.5	0.0	32.0	32.1	5.0	20.0	30.0	40.0	60.0
<b>Discussions with Diverse Others</b>												
First-Year	Female	57,963	39.1	15.8	0.1	39.0	39.3	15.0	30.0	40.0	55.0	60.0
	Male	42,526	38.8	15.7	0.1	38.7	38.9	15.0	25.0	40.0	50.0	60.0
	Total	100,488	39.0	15.8	0.0	38.9	39.1	15.0	30.0	40.0	55.0	60.0
Senior	Female	74,165	40.1	16.0	0.1	40.0	40.3	15.0	30.0	40.0	55.0	60.0
	Male	53,037	39.6	16.2	0.1	39.4	39.7	10.0	30.0	40.0	55.0	60.0
	Total	127,202	39.9	16.1	0.0	39.8	40.0	15.0	30.0	40.0	55.0	60.0

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Theme/Engagement Indicator		Mean Statistics				95% Conf. Interval		Distribution Statistics (Percentile Scores)				
		N	Mean	SD	SEM	Lower	Upper	5	25	50	75	95
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
First-Year	Female	62,453	21.3	14.6	0.1	21.2	21.4	0.0	10.0	20.0	30.0	50.0
	Male	46,083	22.0	14.8	0.1	21.8	22.1	0.0	10.0	20.0	30.0	50.0
	Total	108,536	21.6	14.7	0.0	21.5	21.7	0.0	10.0	20.0	30.0	50.0
Senior	Female	78,678	24.1	16.0	0.1	24.0	24.2	0.0	10.0	20.0	35.0	55.0
	Male	56,415	24.3	16.0	0.1	24.1	24.4	0.0	10.0	20.0	35.0	55.0
	Total	135,093	24.2	16.0	0.0	24.1	24.3	0.0	10.0	20.0	35.0	55.0
<b>Effective Teaching Practices</b>												
First-Year	Female	60,560	38.5	13.3	0.1	38.4	38.6	16.0	28.0	40.0	48.0	60.0
	Male	44,605	38.3	13.2	0.1	38.1	38.4	16.0	28.0	40.0	48.0	60.0
	Total	105,164	38.4	13.3	0.0	38.3	38.5	16.0	28.0	40.0	48.0	60.0
Senior	Female	77,059	39.9	13.8	0.0	39.8	40.0	16.0	32.0	40.0	52.0	60.0
	Male	55,031	38.6	13.9	0.1	38.5	38.8	16.0	28.0	40.0	48.0	60.0
	Total	132,090	39.4	13.8	0.0	39.3	39.4	16.0	32.0	40.0	50.0	60.0
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
First-Year	Female	54,144	41.6	12.5	0.1	41.5	41.7	18.0	34.0	42.5	50.0	60.0
	Male	39,581	42.3	12.4	0.1	42.2	42.4	20.0	35.0	44.0	52.0	60.0
	Total	93,725	41.9	12.4	0.0	41.8	42.0	18.0	34.0	44.0	50.0	60.0
Senior	Female	68,283	42.3	12.2	0.0	42.2	42.4	20.0	34.0	44.0	52.0	60.0
	Male	49,514	41.8	12.8	0.1	41.7	41.9	18.0	34.0	42.5	50.0	60.0
	Total	117,797	42.1	12.5	0.0	42.0	42.2	20.0	34.0	44.0	52.0	60.0
<b>Supportive Environment</b>												
First-Year	Female	55,705	36.6	13.6	0.1	36.5	36.7	15.0	27.5	37.5	45.0	60.0
	Male	40,831	35.1	13.4	0.1	35.0	35.2	12.5	25.0	35.0	42.5	60.0
	Total	96,536	36.0	13.6	0.0	35.9	36.1	12.5	27.5	37.5	45.0	60.0
Senior	Female	72,095	32.3	14.1	0.1	32.2	32.4	10.0	22.5	32.5	40.0	57.5
	Male	51,682	31.3	14.1	0.1	31.2	31.5	7.5	20.0	31.4	40.0	57.5
	Total	123,776	31.9	14.1	0.0	31.8	32.0	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](http://nsse.indiana.edu/html/engagement_indicators.cfm)

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