

NSSE 2016 & 2017 Canadian 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	28,755	35.7	12.9	0.1	35.6	35.9	15.0	25.0	35.0	45.0	60.0
	Male	22,108	35.5	12.6	0.1	35.4	35.7	15.0	25.0	35.0	45.0	60.0
	Total	50,863	35.7	12.8	0.1	35.5	35.8	15.0	25.0	35.0	45.0	60.0
Senior	Female	24,878	37.3	13.1	0.1	37.1	37.4	15.0	30.0	40.0	45.0	60.0
	Male	18,441	36.3	13.0	0.1	36.1	36.5	15.0	30.0	35.0	45.0	60.0
	Total	43,319	36.9	13.1	0.1	36.7	37.0	15.0	30.0	40.0	45.0	60.0
Reflective & Integrative Learning												
First-Year	Female	29,454	33.9	11.4	0.1	33.7	34.0	17.1	25.7	34.3	40.0	54.3
	Male	22,753	32.6	11.5	0.1	32.4	32.7	14.3	25.7	31.4	40.0	51.4
	Total	52,207	33.3	11.5	0.1	33.2	33.4	14.3	25.7	34.3	40.0	54.3
Senior	Female	25,410	37.2	11.8	0.1	37.1	37.3	17.1	28.6	37.1	45.7	57.1
	Male	18,830	34.7	12.0	0.1	34.5	34.8	16.7	25.7	34.3	42.9	57.1
	Total	44,241	36.1	11.9	0.1	36.0	36.2	17.1	28.6	37.1	42.9	57.1
Learning Strategies												
First-Year	Female	26,560	36.0	13.6	0.1	35.8	36.2	13.3	26.7	33.3	46.7	60.0
	Male	19,997	34.2	13.5	0.1	34.0	34.4	13.3	26.7	33.3	40.0	60.0
	Total	46,557	35.2	13.6	0.1	35.1	35.3	13.3	26.7	33.3	46.7	60.0
Senior	Female	23,252	35.2	14.0	0.1	35.0	35.3	13.3	26.7	33.3	46.7	60.0
	Male	16,886	33.5	14.1	0.1	33.3	33.7	13.3	26.7	33.3	40.0	60.0
	Total	40,138	34.5	14.1	0.1	34.3	34.6	13.3	26.7	33.3	46.7	60.0
Quantitative Reasoning												
First-Year	Female	28,574	21.4	14.5	0.1	21.2	21.5	0.0	13.3	20.0	33.3	46.7
	Male	21,913	26.7	14.6	0.1	26.5	26.9	0.0	20.0	26.7	40.0	53.3
	Total	50,486	23.7	14.8	0.1	23.5	23.8	0.0	13.3	20.0	33.3	46.7
Senior	Female	24,729	23.8	15.4	0.1	23.7	24.0	0.0	13.3	20.0	33.3	53.3
	Male	18,258	30.1	15.4	0.1	29.9	30.3	0.0	20.0	26.7	40.0	60.0
	Total	42,987	26.5	15.7	0.1	26.4	26.6	0.0	13.3	26.7	40.0	53.3
Learning with Peers												
Collaborative Learning												
First-Year	Female	30,002	32.5	14.1	0.1	32.4	32.7	10.0	20.0	30.0	40.0	60.0
	Male	23,288	32.9	14.4	0.1	32.8	33.1	10.0	20.0	35.0	45.0	60.0
	Total	53,291	32.7	14.3	0.1	32.6	32.8	10.0	20.0	35.0	40.0	60.0
Senior	Female	25,649	32.5	13.9	0.1	32.3	32.7	10.0	20.0	30.0	40.0	60.0
	Male	19,152	34.0	14.3	0.1	33.8	34.2	10.0	25.0	35.0	45.0	60.0
	Total	44,800	33.1	14.1	0.1	33.0	33.3	10.0	25.0	35.0	40.0	60.0
Discussions with Diverse Others												
First-Year	Female	26,647	37.6	15.8	0.1	37.4	37.8	10.0	25.0	40.0	50.0	60.0
	Male	20,060	38.4	15.8	0.1	38.2	38.7	10.0	25.0	40.0	50.0	60.0
	Total	46,707	38.0	15.8	0.1	37.8	38.1	10.0	25.0	40.0	50.0	60.0
Senior	Female	23,314	38.7	15.3	0.1	38.5	38.8	15.0	25.0	40.0	50.0	60.0
	Male	16,951	39.4	15.4	0.1	39.2	39.6	15.0	30.0	40.0	55.0	60.0
	Total	40,266	39.0	15.3	0.1	38.8	39.1	15.0	30.0	40.0	50.0	60.0

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Experiences with Faculty												
Student-Faculty Interaction												
First-Year	Female	28,994	12.0	12.2	0.1	11.9	12.2	0.0	0.0	10.0	20.0	35.0
	Male	22,297	14.3	13.5	0.1	14.1	14.5	0.0	5.0	10.0	20.0	40.0
	Total	51,290	13.0	12.8	0.1	12.9	13.1	0.0	5.0	10.0	20.0	40.0
Senior	Female	25,058	17.5	14.0	0.1	17.4	17.7	0.0	5.0	15.0	25.0	45.0
	Male	18,543	19.1	14.5	0.1	18.9	19.3	0.0	10.0	15.0	30.0	45.0
	Total	43,602	18.2	14.2	0.1	18.1	18.3	0.0	5.0	15.0	25.0	45.0
Effective Teaching Practices												
First-Year	Female	28,956	34.5	12.1	0.1	34.3	34.6	16.0	28.0	36.0	40.0	56.0
	Male	22,306	34.8	12.2	0.1	34.6	34.9	16.0	28.0	36.0	44.0	56.0
	Total	51,262	34.6	12.1	0.1	34.5	34.7	16.0	28.0	36.0	40.0	56.0
Senior	Female	25,024	35.0	12.4	0.1	34.9	35.2	16.0	28.0	36.0	44.0	56.0
	Male	18,548	34.8	12.5	0.1	34.7	35.0	16.0	28.0	36.0	44.0	56.0
	Total	43,573	35.0	12.4	0.1	34.8	35.1	16.0	28.0	36.0	44.0	56.0
Campus Environment												
Quality of Interactions												
First-Year	Female	20,827	38.2	13.2	0.1	38.0	38.3	12.5	30.0	40.0	48.0	58.0
	Male	15,849	39.5	13.0	0.1	39.3	39.7	15.0	32.0	40.0	50.0	60.0
	Total	36,676	38.7	13.2	0.1	38.6	38.9	14.0	30.0	40.0	48.0	60.0
Senior	Female	19,986	38.6	12.1	0.1	38.4	38.8	16.0	32.0	40.0	47.5	58.0
	Male	14,830	39.0	12.3	0.1	38.8	39.2	16.0	32.0	40.0	48.0	58.0
	Total	34,816	38.8	12.2	0.1	38.7	38.9	16.0	32.0	40.0	48.0	58.0
Supportive Environment												
First-Year	Female	25,293	31.0	13.0	0.1	30.8	31.1	10.0	22.5	30.0	40.0	55.0
	Male	18,912	30.2	13.0	0.1	30.0	30.4	10.0	20.0	30.0	40.0	52.5
	Total	44,204	30.6	13.0	0.1	30.5	30.8	10.0	20.0	30.0	40.0	55.0
Senior	Female	22,491	27.3	12.7	0.1	27.1	27.4	7.5	17.5	27.5	35.0	50.0
	Male	16,236	27.0	12.8	0.1	26.8	27.2	7.5	17.5	27.5	35.0	50.0
	Total	38,727	27.2	12.7	0.1	27.0	27.3	7.5	17.5	27.5	35.0	50.0

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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