

# NSSE 2017 & 2018 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
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
First-Year	Female	28,392	35.7	12.9	0.1	35.5	35.8	15.0	25.0	35.0	45.0	60.0
	Male	21,854	35.6	12.6	0.1	35.4	35.7	15.0	25.0	35.0	45.0	60.0
	Total	50,246	35.6	12.7	0.1	35.5	35.7	15.0	25.0	35.0	45.0	60.0
Senior	Female	24,383	37.2	13.1	0.1	37.1	37.4	15.0	30.0	40.0	45.0	60.0
	Male	18,086	36.4	13.0	0.1	36.2	36.5	15.0	30.0	35.0	45.0	60.0
	Total	42,469	36.9	13.1	0.1	36.7	37.0	15.0	30.0	40.0	45.0	60.0
<b>Reflective &amp; Integrative Learning</b>												
First-Year	Female	29,122	33.8	11.4	0.1	33.7	33.9	17.1	25.7	34.3	40.0	54.3
	Male	22,520	32.6	11.5	0.1	32.4	32.7	14.3	25.7	31.4	40.0	51.4
	Total	51,642	33.3	11.5	0.1	33.2	33.4	14.3	25.7	34.3	40.0	54.3
Senior	Female	24,918	37.2	11.8	0.1	37.0	37.3	17.1	28.6	37.1	45.7	57.1
	Male	18,488	34.7	11.9	0.1	34.5	34.8	16.7	25.7	34.3	42.9	57.1
	Total	43,406	36.1	11.9	0.1	36.0	36.2	17.1	28.6	37.1	42.9	57.1
<b>Learning Strategies</b>												
First-Year	Female	26,275	35.9	13.5	0.1	35.8	36.1	13.3	26.7	33.3	46.7	60.0
	Male	19,824	34.2	13.5	0.1	34.0	34.4	13.3	26.7	33.3	40.0	60.0
	Total	46,099	35.2	13.5	0.1	35.0	35.3	13.3	26.7	33.3	46.7	60.0
Senior	Female	22,819	35.2	14.0	0.1	35.0	35.4	13.3	26.7	33.3	46.7	60.0
	Male	16,595	33.5	14.1	0.1	33.3	33.7	13.3	26.7	33.3	40.0	60.0
	Total	39,414	34.5	14.1	0.1	34.4	34.6	13.3	26.7	33.3	46.7	60.0
<b>Quantitative Reasoning</b>												
First-Year	Female	28,148	21.4	14.5	0.1	21.2	21.5	0.0	13.3	20.0	33.3	46.7
	Male	21,593	26.8	14.6	0.1	26.6	27.0	0.0	20.0	26.7	40.0	53.3
	Total	49,742	23.7	14.8	0.1	23.6	23.8	0.0	13.3	20.0	33.3	46.7
Senior	Female	24,195	23.9	15.4	0.1	23.7	24.1	0.0	13.3	20.0	33.3	53.3
	Male	17,870	30.2	15.4	0.1	29.9	30.4	0.0	20.0	26.7	40.0	60.0
	Total	42,064	26.5	15.7	0.1	26.4	26.7	0.0	13.3	26.7	40.0	53.3
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
First-Year	Female	29,706	32.5	14.2	0.1	32.3	32.7	10.0	20.0	30.0	40.0	60.0
	Male	23,093	32.9	14.5	0.1	32.7	33.1	10.0	20.0	35.0	45.0	60.0
	Total	52,799	32.7	14.4	0.1	32.6	32.8	10.0	20.0	35.0	40.0	60.0
Senior	Female	25,180	32.4	14.0	0.1	32.2	32.6	10.0	20.0	30.0	40.0	60.0
	Male	18,827	34.0	14.3	0.1	33.7	34.2	10.0	25.0	35.0	45.0	60.0
	Total	44,008	33.1	14.2	0.1	32.9	33.2	10.0	25.0	35.0	40.0	60.0
<b>Discussions with Diverse Others</b>												
First-Year	Female	26,362	37.5	15.8	0.1	37.3	37.6	10.0	25.0	40.0	50.0	60.0
	Male	19,862	38.4	15.9	0.1	38.1	38.6	10.0	25.0	40.0	50.0	60.0
	Total	46,224	37.8	15.9	0.1	37.7	38.0	10.0	25.0	40.0	50.0	60.0
Senior	Female	22,883	38.5	15.3	0.1	38.3	38.7	15.0	25.0	40.0	50.0	60.0
	Male	16,648	39.3	15.4	0.1	39.1	39.6	15.0	30.0	40.0	50.0	60.0
	Total	39,531	38.9	15.3	0.1	38.7	39.0	15.0	30.0	40.0	50.0	60.0

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<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
First-Year	Female	28,644	12.0	12.2	0.1	11.9	12.2	0.0	0.0	10.0	20.0	35.0
	Male	22,059	14.3	13.5	0.1	14.2	14.5	0.0	5.0	10.0	20.0	40.0
	Total	50,703	13.0	12.8	0.1	12.9	13.1	0.0	5.0	10.0	20.0	40.0
Senior	Female	24,576	17.5	14.0	0.1	17.3	17.7	0.0	5.0	15.0	25.0	45.0
	Male	18,208	19.1	14.5	0.1	18.9	19.3	0.0	10.0	15.0	30.0	45.0
	Total	42,783	18.2	14.3	0.1	18.1	18.3	0.0	5.0	15.0	25.0	45.0
<b>Effective Teaching Practices</b>												
First-Year	Female	28,560	34.3	12.0	0.1	34.1	34.4	16.0	25.0	32.0	40.0	56.0
	Male	22,022	34.7	12.2	0.1	34.5	34.9	16.0	28.0	36.0	40.0	56.0
	Total	50,582	34.5	12.1	0.1	34.4	34.6	16.0	28.0	36.0	40.0	56.0
Senior	Female	24,506	35.0	12.4	0.1	34.8	35.1	16.0	28.0	36.0	44.0	56.0
	Male	18,180	34.8	12.5	0.1	34.6	35.0	16.0	28.0	36.0	44.0	56.0
	Total	42,686	34.9	12.4	0.1	34.8	35.0	16.0	28.0	36.0	44.0	56.0
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
First-Year	Female	20,515	38.1	13.2	0.1	38.0	38.3	12.5	30.0	40.0	48.0	58.0
	Male	15,696	39.5	13.0	0.1	39.3	39.7	14.0	32.0	40.0	50.0	60.0
	Total	36,211	38.7	13.1	0.1	38.6	38.9	14.0	30.0	40.0	48.0	60.0
Senior	Female	19,538	38.5	12.2	0.1	38.3	38.7	16.0	30.0	40.0	47.5	58.0
	Male	14,547	39.0	12.4	0.1	38.8	39.2	16.0	32.0	40.0	48.0	58.0
	Total	34,085	38.7	12.3	0.1	38.6	38.8	16.0	32.0	40.0	48.0	58.0
<b>Supportive Environment</b>												
First-Year	Female	25,071	30.9	13.0	0.1	30.8	31.1	10.0	22.5	30.0	40.0	55.0
	Male	18,786	30.3	13.0	0.1	30.1	30.4	10.0	20.0	30.0	40.0	52.5
	Total	43,857	30.6	13.0	0.1	30.5	30.8	10.0	20.0	30.0	40.0	55.0
Senior	Female	22,085	27.2	12.7	0.1	27.0	27.3	7.5	17.5	27.5	35.0	50.0
	Male	15,974	27.0	12.8	0.1	26.8	27.2	7.5	17.5	27.5	35.0	50.0
	Total	38,060	27.1	12.7	0.1	27.0	27.2	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](http://nsse.indiana.edu/html/engagement_indicators.cfm)

Canadian summaries combine two years of data for improved coverage. While not updated annually, year pairs always include the triennial cycle of high participation.

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