

# NSSE 2017 & 2018 Canadian Engagement Indicator Descriptive Statistics by Related-Major Category

## Seniors

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>											
Arts & Humanities	4,000	39.1	13.0	0.2	38.7	39.5	15.0	30.0	40.0	50.0	60.0
Bio, Agric, & Nat Res	4,379	35.0	13.3	0.2	34.6	35.4	15.0	25.0	35.0	45.0	60.0
Phys Sci, Math, CS	2,745	34.5	12.8	0.2	34.1	35.0	15.0	25.0	35.0	45.0	60.0
Social Sciences	6,210	37.9	13.0	0.2	37.5	38.2	15.0	30.0	40.0	45.0	60.0
Business	4,988	36.9	13.0	0.2	36.5	37.2	15.0	30.0	40.0	45.0	60.0
Comm, Media, PR	907	38.2	13.1	0.4	37.3	39.0	15.0	30.0	40.0	50.0	60.0
Education	1,329	36.2	12.6	0.3	35.5	36.8	15.0	30.0	35.0	45.0	60.0
Engineering	4,103	35.7	12.7	0.2	35.3	36.1	15.0	25.0	35.0	45.0	60.0
Health Professions	4,424	37.7	13.0	0.2	37.3	38.0	15.0	30.0	40.0	45.0	60.0
Social Svc Professions	1,777	40.0	12.9	0.3	39.4	40.6	20.0	30.0	40.0	50.0	60.0
NSSE 2017 & 2018	36,499	37.0	13.1	0.1	36.9	37.1	15.0	30.0	40.0	45.0	60.0
<b>Reflective &amp; Integrative Learning</b>											
Arts & Humanities	4,020	39.6	11.4	0.2	39.3	40.0	20.0	31.4	40.0	48.6	60.0
Bio, Agric, & Nat Res	4,403	33.9	11.3	0.2	33.5	34.2	17.1	25.7	34.3	40.0	54.3
Phys Sci, Math, CS	2,758	29.8	11.2	0.2	29.4	30.2	11.4	22.9	28.6	37.1	50.0
Social Sciences	6,258	40.1	11.4	0.1	39.9	40.4	20.0	31.4	40.0	48.6	60.0
Business	5,038	35.5	11.5	0.2	35.2	35.8	17.1	28.6	34.3	42.9	57.1
Comm, Media, PR	914	39.9	11.5	0.4	39.1	40.6	20.0	31.4	40.0	48.6	60.0
Education	1,347	38.1	11.1	0.3	37.5	38.7	20.0	31.4	37.1	45.7	57.1
Engineering	4,125	30.3	10.8	0.2	30.0	30.6	11.4	22.9	31.4	37.1	48.6
Health Professions	4,450	37.7	11.2	0.2	37.3	38.0	20.0	28.6	37.1	45.7	57.1
Social Svc Professions	1,792	41.3	11.8	0.3	40.8	41.8	20.0	34.3	40.0	51.4	60.0
NSSE 2017 & 2018	36,760	36.3	11.9	0.1	36.2	36.5	17.1	28.6	37.1	45.7	57.1
<b>Learning Strategies</b>											
Arts & Humanities	3,993	34.9	13.8	0.2	34.5	35.4	13.3	26.7	33.3	46.7	60.0
Bio, Agric, & Nat Res	4,389	35.8	13.8	0.2	35.4	36.2	13.3	26.7	33.3	46.7	60.0
Phys Sci, Math, CS	2,744	32.9	14.4	0.3	32.4	33.5	13.3	20.0	33.3	40.0	60.0
Social Sciences	6,228	35.7	13.7	0.2	35.3	36.0	13.3	26.7	33.3	46.7	60.0
Business	5,006	35.0	14.0	0.2	34.6	35.4	13.3	26.7	33.3	46.7	60.0
Comm, Media, PR	906	32.0	14.2	0.5	31.1	32.9	6.7	20.0	33.3	40.0	60.0
Education	1,339	32.2	13.8	0.4	31.4	32.9	13.3	20.0	33.3	40.0	60.0
Engineering	4,087	31.9	14.2	0.2	31.5	32.3	6.7	20.0	33.3	40.0	60.0
Health Professions	4,421	35.9	13.9	0.2	35.5	36.3	13.3	26.7	33.3	46.7	60.0
Social Svc Professions	1,776	34.5	14.3	0.3	33.9	35.2	13.3	26.7	33.3	46.7	60.0
NSSE 2017 & 2018	36,535	34.5	14.1	0.1	34.4	34.7	13.3	26.7	33.3	46.7	60.0
<b>Quantitative Reasoning</b>											
Arts & Humanities	3,985	16.2	14.8	0.2	15.7	16.6	0.0	0.0	13.3	26.7	40.0
Bio, Agric, & Nat Res	4,351	30.7	14.4	0.2	30.3	31.2	6.7	20.0	33.3	40.0	60.0
Phys Sci, Math, CS	2,725	29.7	15.5	0.3	29.1	30.2	6.7	20.0	26.7	40.0	60.0
Social Sciences	6,186	26.4	15.4	0.2	26.0	26.7	0.0	13.3	26.7	40.0	53.3
Business	4,966	31.3	14.7	0.2	30.9	31.7	6.7	20.0	33.3	40.0	60.0
Comm, Media, PR	905	21.0	14.5	0.5	20.1	22.0	0.0	6.7	20.0	33.3	46.7
Education	1,329	17.8	14.0	0.4	17.1	18.6	0.0	6.7	20.0	26.7	40.0
Engineering	4,056	33.1	14.6	0.2	32.6	33.5	6.7	20.0	33.3	40.0	60.0
Health Professions	4,397	25.8	14.3	0.2	25.4	26.3	0.0	20.0	26.7	33.3	53.3
Social Svc Professions	1,770	22.3	15.0	0.4	21.6	23.0	0.0	13.3	20.0	33.3	46.7
NSSE 2017 & 2018	36,306	26.6	15.7	0.1	26.4	26.7	0.0	13.3	26.7	40.0	53.3

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	N	Mean	SD	SEM	Lower	Upper	5	25	50	75	95
<b>Learning with Peers</b>											
<b>Collaborative Learning</b>											
Arts & Humanities	4,002	26.7	14.0	0.2	26.3	27.2	5.0	15.0	25.0	35.0	50.0
Bio, Agric, & Nat Res	4,383	33.3	13.8	0.2	32.9	33.7	10.0	25.0	35.0	40.0	60.0
Phys Sci, Math, CS	2,749	33.7	14.6	0.3	33.1	34.2	10.0	25.0	35.0	45.0	60.0
Social Sciences	6,233	28.7	13.6	0.2	28.3	29.0	5.0	20.0	25.0	40.0	55.0
Business	5,014	35.4	13.5	0.2	35.0	35.8	15.0	25.0	35.0	45.0	60.0
Comm, Media, PR	908	33.3	13.4	0.4	32.4	34.2	10.0	25.0	35.0	40.0	60.0
Education	1,336	36.1	12.5	0.3	35.4	36.7	15.0	30.0	35.0	45.0	60.0
Engineering	4,111	40.7	13.0	0.2	40.3	41.1	20.0	30.0	40.0	50.0	60.0
Health Professions	4,418	35.0	13.2	0.2	34.6	35.4	15.0	25.0	35.0	45.0	60.0
Social Svc Professions	1,777	30.2	13.8	0.3	29.5	30.8	5.0	20.0	30.0	40.0	55.0
NSSE 2017 & 2018	36,581	33.0	14.2	0.1	32.9	33.2	10.0	25.0	35.0	40.0	60.0
<b>Discussions with Diverse Others</b>											
Arts & Humanities	3,998	39.1	14.7	0.2	38.6	39.5	15.0	30.0	40.0	50.0	60.0
Bio, Agric, & Nat Res	4,385	39.0	14.9	0.2	38.5	39.4	15.0	30.0	40.0	50.0	60.0
Phys Sci, Math, CS	2,724	37.0	16.3	0.3	36.4	37.6	10.0	25.0	40.0	50.0	60.0
Social Sciences	6,216	39.2	14.6	0.2	38.9	39.6	15.0	30.0	40.0	50.0	60.0
Business	4,987	39.7	15.8	0.2	39.3	40.2	15.0	30.0	40.0	55.0	60.0
Comm, Media, PR	906	38.9	14.4	0.5	38.0	39.8	15.0	30.0	40.0	50.0	60.0
Education	1,342	36.6	15.2	0.4	35.8	37.4	15.0	25.0	35.0	50.0	60.0
Engineering	4,094	41.0	15.4	0.2	40.5	41.5	15.0	30.0	40.0	55.0	60.0
Health Professions	4,425	39.1	15.3	0.2	38.7	39.6	15.0	30.0	40.0	50.0	60.0
Social Svc Professions	1,780	39.6	15.1	0.4	38.9	40.3	15.0	30.0	40.0	55.0	60.0
NSSE 2017 & 2018	36,494	39.1	15.3	0.1	38.9	39.2	15.0	30.0	40.0	50.0	60.0
<b>Experiences with Faculty</b>											
<b>Student-Faculty Interaction</b>											
Arts & Humanities	3,997	20.2	14.6	0.2	19.8	20.7	0.0	10.0	20.0	30.0	50.0
Bio, Agric, & Nat Res	4,380	18.9	14.4	0.2	18.4	19.3	0.0	10.0	15.0	25.0	50.0
Phys Sci, Math, CS	2,736	18.2	14.5	0.3	17.7	18.8	0.0	5.0	15.0	25.0	45.0
Social Sciences	6,218	18.2	14.4	0.2	17.9	18.6	0.0	5.0	15.0	25.0	45.0
Business	4,981	18.1	14.7	0.2	17.7	18.5	0.0	5.0	15.0	25.0	45.0
Comm, Media, PR	906	17.8	14.0	0.5	16.9	18.7	0.0	5.0	15.0	25.0	45.0
Education	1,340	17.9	13.6	0.4	17.2	18.7	0.0	5.0	15.0	25.0	45.0
Engineering	4,095	16.9	13.4	0.2	16.5	17.3	0.0	5.0	15.0	25.0	40.0
Health Professions	4,419	18.8	14.0	0.2	18.4	19.2	0.0	10.0	15.0	25.0	45.0
Social Svc Professions	1,776	16.7	13.9	0.3	16.1	17.4	0.0	5.0	15.0	25.0	45.0
NSSE 2017 & 2018	36,493	18.3	14.3	0.1	18.2	18.5	0.0	5.0	15.0	25.0	45.0
<b>Effective Teaching Practices</b>											
Arts & Humanities	4,023	37.9	12.6	0.2	37.5	38.3	16.0	28.0	40.0	48.0	60.0
Bio, Agric, & Nat Res	4,402	34.9	11.8	0.2	34.6	35.3	16.0	28.0	36.0	44.0	56.0
Phys Sci, Math, CS	2,756	34.7	12.4	0.2	34.2	35.2	16.0	28.0	36.0	44.0	56.0
Social Sciences	6,261	36.1	12.3	0.2	35.8	36.4	16.0	28.0	36.0	44.0	60.0
Business	5,033	35.1	12.7	0.2	34.7	35.4	16.0	28.0	36.0	44.0	60.0
Comm, Media, PR	914	35.9	12.2	0.4	35.1	36.6	16.0	28.0	36.0	44.0	56.0
Education	1,345	35.3	12.2	0.3	34.6	35.9	16.0	28.0	36.0	44.0	56.0
Engineering	4,127	32.1	12.0	0.2	31.7	32.5	12.0	24.0	32.0	40.0	52.0
Health Professions	4,450	33.7	12.4	0.2	33.4	34.1	12.0	24.0	32.0	40.0	56.0
Social Svc Professions	1,789	35.4	12.4	0.3	34.8	36.0	16.0	28.0	36.0	44.0	60.0
NSSE 2017 & 2018	36,757	35.0	12.4	0.1	34.9	35.2	16.0	28.0	36.0	44.0	56.0

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## Seniors

Theme/Engagement Indicator	Mean Statistics				95% Conf. Interval		Distribution Statistics (Percentile Scores)				
	N	Mean	SD	SEM	Lower	Upper	5	25	50	75	95
<b>Campus Environment</b>											
<b>Quality of Interactions</b>											
Arts & Humanities	3,452	39.0	12.3	0.2	38.6	39.4	16.0	32.0	40.0	48.0	58.0
Bio, Agric, & Nat Res	3,961	38.5	11.9	0.2	38.1	38.8	16.0	32.0	40.0	47.5	57.5
Phys Sci, Math, CS	2,382	39.3	11.9	0.2	38.8	39.8	17.5	32.0	40.0	48.0	58.0
Social Sciences	5,512	38.4	12.1	0.2	38.0	38.7	16.0	30.0	40.0	47.5	57.5
Business	4,465	38.4	12.4	0.2	38.0	38.7	16.0	30.0	40.0	48.0	58.0
Comm, Media, PR	792	38.9	11.8	0.4	38.1	39.8	17.5	32.0	40.0	47.5	56.0
Education	1,018	41.4	11.9	0.4	40.7	42.1	18.0	34.0	42.5	50.0	60.0
Engineering	3,734	37.6	12.1	0.2	37.3	38.0	16.0	30.0	38.0	46.0	58.0
Health Professions	3,824	39.2	12.2	0.2	38.8	39.6	16.0	32.0	40.0	48.0	58.0
Social Svc Professions	1,500	38.5	12.7	0.3	37.8	39.1	14.0	30.0	40.0	47.5	60.0
NSSE 2017 & 2018	32,023	38.7	12.2	0.1	38.6	38.8	16.0	32.0	40.0	48.0	58.0
<b>Supportive Environment</b>											
Arts & Humanities	4,017	27.4	12.7	0.2	27.0	27.8	7.5	17.5	27.5	35.0	50.0
Bio, Agric, & Nat Res	4,395	27.2	12.6	0.2	26.9	27.6	7.5	17.5	27.5	35.0	50.0
Phys Sci, Math, CS	2,751	26.1	12.5	0.2	25.7	26.6	5.7	17.5	25.0	35.0	47.5
Social Sciences	6,247	27.5	12.6	0.2	27.2	27.8	7.5	20.0	27.5	35.0	50.0
Business	5,024	27.8	13.1	0.2	27.5	28.2	7.5	20.0	27.5	37.5	50.0
Comm, Media, PR	912	28.1	12.2	0.4	27.3	28.9	10.0	20.0	27.5	37.5	50.0
Education	1,345	27.7	12.6	0.3	27.1	28.4	7.5	20.0	27.5	37.5	50.0
Engineering	4,127	25.9	12.8	0.2	25.5	26.3	5.0	17.5	25.0	35.0	47.5
Health Professions	4,441	26.8	12.6	0.2	26.4	27.1	5.7	17.5	27.5	35.0	50.0
Social Svc Professions	1,786	27.4	12.7	0.3	26.8	28.0	7.5	17.5	27.5	35.0	50.0
NSSE 2017 & 2018	36,700	27.1	12.7	0.1	27.0	27.2	7.5	17.5	27.5	35.0	50.0

### Related-Major Categories

Arts & Humanities	Arts & Humanities
Bio, Agric, & Nat Res	Biological Sciences, Agriculture, & Natural Resources
Phys Sci, Math, CS	Physical Sciences, Mathematics, & Computer Science
Social Sciences	Social Sciences
Business	Business
Comm, Media, PR	Communications, Media, and Public Relations
Education	Education
Engineering	Engineering
Health Professions	Health Professions
Social Svc Professions	Social Service Professions

### 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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