

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

First-Year Students

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											
Arts & Humanities	4,137	36.6	12.7	0.2	36.2	37.0	15.0	30.0	35.0	45.0	60.0
Bio, Agric, & Nat Res	5,096	35.4	12.9	0.2	35.1	35.8	15.0	25.0	35.0	45.0	60.0
Phys Sci, Math, CS	3,477	35.2	12.4	0.2	34.8	35.6	15.0	25.0	35.0	45.0	60.0
Social Sciences	6,188	36.4	12.7	0.2	36.1	36.7	15.0	30.0	35.0	45.0	60.0
Business	5,376	35.4	12.5	0.2	35.1	35.7	15.0	25.0	35.0	40.0	60.0
Comm, Media, PR	1,047	36.7	12.3	0.4	35.9	37.4	15.0	30.0	40.0	45.0	60.0
Education	1,610	35.5	12.0	0.3	34.9	36.1	15.0	30.0	35.0	40.0	60.0
Engineering	4,370	36.4	12.5	0.2	36.0	36.8	15.0	30.0	35.0	45.0	60.0
Health Professions	5,189	35.4	13.2	0.2	35.0	35.7	15.0	25.0	35.0	45.0	60.0
Social Svc Professions	2,220	37.1	12.6	0.3	36.6	37.7	15.0	30.0	40.0	45.0	60.0
NSSE 2017 & 2018	41,505	35.8	12.7	0.1	35.7	36.0	15.0	25.0	35.0	45.0	60.0
Reflective & Integrative Learning											
Arts & Humanities	4,165	36.3	11.2	0.2	35.9	36.6	17.1	28.6	37.1	42.9	57.1
Bio, Agric, & Nat Res	5,131	31.5	11.2	0.2	31.2	31.8	14.3	22.9	31.4	40.0	51.4
Phys Sci, Math, CS	3,497	29.0	11.1	0.2	28.7	29.4	11.4	22.9	28.6	37.1	48.6
Social Sciences	6,260	37.2	11.3	0.1	36.9	37.5	20.0	28.6	37.1	45.7	57.1
Business	5,441	33.1	10.9	0.1	32.8	33.4	17.1	25.7	31.4	40.0	51.4
Comm, Media, PR	1,054	37.0	11.1	0.3	36.3	37.6	20.0	28.6	37.1	45.7	57.1
Education	1,625	34.8	11.0	0.3	34.2	35.3	17.1	25.7	34.3	42.9	54.3
Engineering	4,409	29.7	10.6	0.2	29.4	30.0	13.3	22.9	28.6	37.1	48.6
Health Professions	5,226	33.2	11.1	0.2	32.9	33.5	17.1	25.7	31.4	40.0	54.3
Social Svc Professions	2,239	36.7	11.3	0.2	36.3	37.2	17.1	28.6	37.1	42.9	57.1
NSSE 2017 & 2018	41,875	33.5	11.5	0.1	33.4	33.6	14.3	25.7	34.3	40.0	54.3
Learning Strategies											
Arts & Humanities	4,157	35.0	13.5	0.2	34.6	35.4	13.3	26.7	33.3	40.0	60.0
Bio, Agric, & Nat Res	5,106	36.4	13.5	0.2	36.0	36.7	13.3	26.7	33.3	46.7	60.0
Phys Sci, Math, CS	3,470	34.0	13.5	0.2	33.6	34.5	13.3	26.7	33.3	40.0	60.0
Social Sciences	6,215	35.8	13.3	0.2	35.4	36.1	13.3	26.7	33.3	46.7	60.0
Business	5,404	35.4	13.4	0.2	35.0	35.7	13.3	26.7	33.3	46.7	60.0
Comm, Media, PR	1,048	32.8	13.7	0.4	32.0	33.6	13.3	20.0	33.3	40.0	60.0
Education	1,616	34.4	13.6	0.3	33.7	35.0	13.3	26.7	33.3	40.0	60.0
Engineering	4,380	33.3	13.3	0.2	32.9	33.7	13.3	26.7	33.3	40.0	60.0
Health Professions	5,193	37.3	13.5	0.2	37.0	37.7	13.3	26.7	40.0	46.7	60.0
Social Svc Professions	2,220	35.5	13.9	0.3	35.0	36.1	13.3	26.7	33.3	46.7	60.0
NSSE 2017 & 2018	41,612	35.2	13.5	0.1	35.1	35.3	13.3	26.7	33.3	46.7	60.0
Quantitative Reasoning											
Arts & Humanities	4,108	15.9	14.3	0.2	15.4	16.3	0.0	0.0	13.3	26.7	40.0
Bio, Agric, & Nat Res	5,076	26.9	14.0	0.2	26.5	27.3	6.7	20.0	26.7	40.0	53.3
Phys Sci, Math, CS	3,438	26.1	14.6	0.2	25.6	26.6	0.0	13.3	26.7	33.3	53.3
Social Sciences	6,183	22.6	14.5	0.2	22.3	23.0	0.0	13.3	20.0	33.3	46.7
Business	5,356	28.4	13.9	0.2	28.0	28.8	6.7	20.0	26.7	40.0	53.3
Comm, Media, PR	1,042	18.5	14.2	0.4	17.7	19.4	0.0	6.7	20.0	26.7	40.0
Education	1,605	17.7	13.8	0.3	17.0	18.3	0.0	6.7	20.0	26.7	40.0
Engineering	4,327	28.7	14.3	0.2	28.3	29.1	6.7	20.0	26.7	40.0	53.3
Health Professions	5,166	23.0	14.1	0.2	22.6	23.4	0.0	13.3	20.0	33.3	46.7
Social Svc Professions	2,210	20.7	14.8	0.3	20.1	21.4	0.0	6.7	20.0	33.3	46.7
NSSE 2017 & 2018	41,302	23.7	14.8	0.1	23.6	23.9	0.0	13.3	20.0	33.3	46.7

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Learning with Peers											
Collaborative Learning											
Arts & Humanities	4,143	27.8	14.3	0.2	27.4	28.2	5.0	20.0	25.0	40.0	55.0
Bio, Agric, & Nat Res	5,115	34.9	14.1	0.2	34.5	35.3	10.0	25.0	35.0	45.0	60.0
Phys Sci, Math, CS	3,485	32.3	14.6	0.2	31.8	32.8	5.0	20.0	30.0	40.0	60.0
Social Sciences	6,225	28.7	14.1	0.2	28.4	29.1	5.0	20.0	30.0	40.0	55.0
Business	5,406	34.6	13.9	0.2	34.2	35.0	10.0	25.0	35.0	45.0	60.0
Comm, Media, PR	1,048	32.2	13.1	0.4	31.4	33.0	10.0	25.0	35.0	40.0	55.0
Education	1,621	33.2	13.7	0.3	32.5	33.9	10.0	25.0	35.0	45.0	55.0
Engineering	4,382	38.5	13.6	0.2	38.1	38.9	15.0	30.0	40.0	50.0	60.0
Health Professions	5,203	34.3	13.9	0.2	33.9	34.6	10.0	25.0	35.0	45.0	60.0
Social Svc Professions	2,226	30.0	13.9	0.3	29.4	30.6	5.0	20.0	30.0	40.0	55.0
NSSE 2017 & 2018	41,660	32.7	14.4	0.1	32.5	32.8	10.0	20.0	35.0	40.0	60.0
Discussions with Diverse Others											
Arts & Humanities	4,146	38.5	15.1	0.2	38.0	38.9	15.0	30.0	40.0	50.0	60.0
Bio, Agric, & Nat Res	5,095	39.0	15.7	0.2	38.6	39.5	10.0	30.0	40.0	50.0	60.0
Phys Sci, Math, CS	3,461	36.1	16.5	0.3	35.6	36.7	5.0	25.0	35.0	50.0	60.0
Social Sciences	6,219	38.5	15.4	0.2	38.1	38.9	15.0	25.0	40.0	50.0	60.0
Business	5,386	38.2	15.9	0.2	37.7	38.6	10.0	25.0	40.0	50.0	60.0
Comm, Media, PR	1,045	39.2	15.0	0.5	38.3	40.1	15.0	30.0	40.0	50.0	60.0
Education	1,616	35.5	15.9	0.4	34.7	36.2	10.0	25.0	35.0	45.0	60.0
Engineering	4,370	40.4	15.8	0.2	39.9	40.9	10.0	30.0	40.0	55.0	60.0
Health Professions	5,177	37.6	15.8	0.2	37.2	38.0	10.0	25.0	40.0	50.0	60.0
Social Svc Professions	2,229	38.5	15.4	0.3	37.8	39.1	15.0	25.0	40.0	50.0	60.0
NSSE 2017 & 2018	41,538	38.1	15.8	0.1	38.0	38.3	10.0	25.0	40.0	50.0	60.0
Experiences with Faculty											
Student-Faculty Interaction											
Arts & Humanities	4,134	14.1	12.6	0.2	13.7	14.5	0.0	5.0	10.0	20.0	40.0
Bio, Agric, & Nat Res	5,085	12.2	12.7	0.2	11.9	12.6	0.0	0.0	10.0	20.0	40.0
Phys Sci, Math, CS	3,472	12.8	12.5	0.2	12.4	13.2	0.0	5.0	10.0	20.0	40.0
Social Sciences	6,205	12.0	12.5	0.2	11.6	12.3	0.0	0.0	10.0	20.0	40.0
Business	5,379	14.3	13.7	0.2	13.9	14.6	0.0	5.0	10.0	20.0	40.0
Comm, Media, PR	1,042	12.7	12.0	0.4	12.0	13.5	0.0	5.0	10.0	20.0	35.0
Education	1,611	13.3	12.2	0.3	12.7	13.9	0.0	5.0	10.0	20.0	40.0
Engineering	4,361	13.5	13.1	0.2	13.2	13.9	0.0	5.0	10.0	20.0	40.0
Health Professions	5,181	13.1	12.7	0.2	12.7	13.4	0.0	5.0	10.0	20.0	40.0
Social Svc Professions	2,221	11.8	12.2	0.3	11.3	12.3	0.0	0.0	10.0	20.0	35.0
NSSE 2017 & 2018	41,497	13.0	12.8	0.1	12.9	13.1	0.0	5.0	10.0	20.0	40.0
Effective Teaching Practices											
Arts & Humanities	4,168	36.8	12.1	0.2	36.5	37.2	16.0	28.0	36.0	44.0	60.0
Bio, Agric, & Nat Res	5,131	33.8	11.9	0.2	33.4	34.1	16.0	24.0	32.0	40.0	56.0
Phys Sci, Math, CS	3,496	34.7	12.0	0.2	34.3	35.1	16.0	28.0	36.0	40.0	56.0
Social Sciences	6,260	35.1	12.1	0.2	34.8	35.4	16.0	28.0	36.0	44.0	56.0
Business	5,439	33.9	12.2	0.2	33.6	34.3	16.0	24.0	32.0	40.0	56.0
Comm, Media, PR	1,054	35.8	11.7	0.4	35.1	36.5	16.0	28.0	36.0	44.0	56.0
Education	1,626	35.9	11.5	0.3	35.3	36.5	16.0	28.0	36.0	44.0	56.0
Engineering	4,404	33.0	12.0	0.2	32.6	33.3	12.0	24.0	32.0	40.0	52.0
Health Professions	5,230	34.6	11.9	0.2	34.3	34.9	16.0	28.0	36.0	40.0	56.0
Social Svc Professions	2,239	34.5	11.9	0.3	34.0	35.0	16.0	28.0	36.0	40.0	56.0
NSSE 2017 & 2018	41,871	34.6	12.0	0.1	34.5	34.7	16.0	28.0	36.0	40.0	56.0

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First-Year Students

Theme/Engagement Indicator	Mean Statistics				95% Conf. Interval		Distribution Statistics (Percentile Scores)				
	N	Mean	SD	SEM	Lower	Upper	5	25	50	75	95
Campus Environment											
Quality of Interactions											
Arts & Humanities	3,254	39.5	12.7	0.2	39.1	40.0	16.0	32.0	40.0	50.0	58.0
Bio, Agric, & Nat Res	4,108	38.7	12.9	0.2	38.3	39.1	14.0	30.0	40.0	48.0	58.0
Phys Sci, Math, CS	2,728	38.8	13.0	0.2	38.3	39.2	14.0	30.0	40.0	48.0	58.0
Social Sciences	4,980	38.1	13.2	0.2	37.7	38.5	14.0	30.0	40.0	48.0	58.0
Business	4,487	38.4	13.2	0.2	38.0	38.7	12.5	30.0	40.0	48.0	60.0
Comm, Media, PR	850	39.4	12.5	0.4	38.6	40.2	16.0	32.0	40.0	48.0	60.0
Education	1,175	40.8	13.1	0.4	40.1	41.6	16.0	34.0	42.5	50.0	60.0
Engineering	3,573	39.2	12.6	0.2	38.8	39.6	16.0	32.0	40.0	48.0	60.0
Health Professions	4,195	39.2	13.1	0.2	38.8	39.6	14.0	30.0	40.0	50.0	60.0
Social Svc Professions	1,760	37.6	13.7	0.3	37.0	38.3	12.0	30.0	40.0	48.0	60.0
NSSE 2017 & 2018	33,256	38.7	13.1	0.1	38.6	38.9	14.0	30.0	40.0	48.0	60.0
Supportive Environment											
Arts & Humanities	4,162	30.6	12.9	0.2	30.2	31.0	10.0	20.0	30.0	40.0	52.5
Bio, Agric, & Nat Res	5,130	30.9	13.1	0.2	30.5	31.3	10.0	20.0	30.0	40.0	55.0
Phys Sci, Math, CS	3,488	29.2	12.9	0.2	28.7	29.6	7.5	20.0	30.0	37.5	52.5
Social Sciences	6,239	31.2	13.1	0.2	30.8	31.5	10.0	22.5	30.0	40.0	55.0
Business	5,425	31.1	13.0	0.2	30.8	31.5	10.0	20.0	30.0	40.0	55.0
Comm, Media, PR	1,049	31.3	12.8	0.4	30.5	32.1	10.0	22.5	31.4	40.0	55.0
Education	1,621	30.8	12.5	0.3	30.2	31.4	10.0	22.5	30.0	40.0	52.5
Engineering	4,398	31.0	12.9	0.2	30.6	31.3	10.0	22.5	30.0	40.0	55.0
Health Professions	5,212	30.9	13.0	0.2	30.5	31.2	10.0	20.0	30.0	40.0	55.0
Social Svc Professions	2,238	30.6	12.9	0.3	30.1	31.2	10.0	20.0	30.0	40.0	52.5
NSSE 2017 & 2018	41,777	30.7	13.0	0.1	30.6	30.8	10.0	20.0	30.0	40.0	55.0

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

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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