

NSSE 2016 & 2017 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
Academic Challenge											
Higher-Order Learning											
Arts & Humanities	4,092	39.1	13.0	0.2	38.7	39.5	15.0	30.0	40.0	50.0	60.0
Bio, Agric, & Nat Res	4,438	35.2	13.2	0.2	34.8	35.6	15.0	25.0	35.0	45.0	60.0
Phys Sci, Math, CS	2,774	34.5	12.9	0.2	34.0	35.0	15.0	25.0	35.0	45.0	60.0
Social Sciences	6,296	37.9	13.1	0.2	37.6	38.2	15.0	30.0	40.0	45.0	60.0
Business	5,087	36.9	13.0	0.2	36.6	37.3	15.0	30.0	40.0	45.0	60.0
Comm, Media, PR	909	38.0	13.0	0.4	37.2	38.8	15.0	30.0	40.0	45.0	60.0
Education	1,349	36.1	12.6	0.3	35.4	36.8	15.0	25.0	35.0	45.0	60.0
Engineering	4,132	35.6	12.6	0.2	35.2	36.0	15.0	25.0	35.0	45.0	60.0
Health Professions	4,487	37.6	13.0	0.2	37.2	38.0	15.0	30.0	40.0	45.0	60.0
Social Svc Professions	1,870	40.0	12.9	0.3	39.4	40.5	20.0	30.0	40.0	50.0	60.0
NSSE 2016 & 2017	37,123	37.0	13.1	0.1	36.9	37.1	15.0	30.0	40.0	45.0	60.0
Reflective & Integrative Learning											
Arts & Humanities	4,119	39.6	11.4	0.2	39.3	40.0	20.0	31.4	40.0	48.6	60.0
Bio, Agric, & Nat Res	4,465	33.9	11.3	0.2	33.6	34.2	17.1	25.7	34.3	40.0	54.3
Phys Sci, Math, CS	2,788	29.7	11.1	0.2	29.3	30.2	11.4	22.9	28.6	37.1	48.6
Social Sciences	6,341	40.2	11.5	0.1	39.9	40.5	20.0	31.4	40.0	48.6	60.0
Business	5,136	35.4	11.4	0.2	35.1	35.7	17.1	28.6	34.3	42.9	54.3
Comm, Media, PR	916	39.8	11.5	0.4	39.1	40.5	20.0	31.4	40.0	48.6	60.0
Education	1,368	38.1	11.2	0.3	37.5	38.7	20.0	31.4	37.1	45.7	57.1
Engineering	4,155	30.1	10.8	0.2	29.8	30.4	11.4	22.9	28.6	37.1	48.6
Health Professions	4,520	37.8	11.3	0.2	37.4	38.1	20.0	28.6	37.1	45.7	57.1
Social Svc Professions	1,890	41.3	11.7	0.3	40.7	41.8	20.0	34.3	40.0	51.4	60.0
NSSE 2016 & 2017	37,404	36.3	12.0	0.1	36.2	36.5	17.1	28.6	37.1	45.7	57.1
Learning Strategies											
Arts & Humanities	4,091	34.8	13.8	0.2	34.4	35.2	13.3	26.7	33.3	46.7	60.0
Bio, Agric, & Nat Res	4,454	35.9	13.7	0.2	35.5	36.3	13.3	26.7	33.3	46.7	60.0
Phys Sci, Math, CS	2,770	33.0	14.4	0.3	32.4	33.5	6.7	20.0	33.3	40.0	60.0
Social Sciences	6,309	35.7	13.7	0.2	35.3	36.0	13.3	26.7	33.3	46.7	60.0
Business	5,102	34.9	14.0	0.2	34.6	35.3	13.3	26.7	33.3	46.7	60.0
Comm, Media, PR	910	31.8	14.2	0.5	30.9	32.7	6.7	20.0	33.3	40.0	60.0
Education	1,358	32.2	13.9	0.4	31.5	32.9	13.3	20.0	33.3	40.0	60.0
Engineering	4,115	31.8	14.1	0.2	31.4	32.2	6.7	20.0	33.3	40.0	60.0
Health Professions	4,490	35.8	13.8	0.2	35.4	36.2	13.3	26.7	33.3	46.7	60.0
Social Svc Professions	1,874	34.7	14.4	0.3	34.1	35.4	13.3	26.7	33.3	46.7	60.0
NSSE 2016 & 2017	37,168	34.5	14.0	0.1	34.4	34.7	13.3	26.7	33.3	46.7	60.0
Quantitative Reasoning											
Arts & Humanities	4,084	16.3	14.8	0.2	15.8	16.7	0.0	0.0	13.3	26.7	40.0
Bio, Agric, & Nat Res	4,412	30.7	14.4	0.2	30.3	31.2	6.7	20.0	33.3	40.0	60.0
Phys Sci, Math, CS	2,756	29.7	15.6	0.3	29.1	30.2	6.7	20.0	26.7	40.0	60.0
Social Sciences	6,273	26.3	15.5	0.2	26.0	26.7	0.0	13.3	26.7	40.0	53.3
Business	5,060	31.4	14.7	0.2	31.0	31.8	6.7	20.0	33.3	40.0	60.0
Comm, Media, PR	908	20.8	14.5	0.5	19.9	21.8	0.0	6.7	20.0	33.3	46.7
Education	1,349	17.8	14.1	0.4	17.0	18.5	0.0	6.7	20.0	26.7	40.0
Engineering	4,083	32.8	14.6	0.2	32.4	33.2	6.7	20.0	33.3	40.0	60.0
Health Professions	4,466	25.8	14.4	0.2	25.4	26.2	0.0	20.0	26.7	33.3	53.3
Social Svc Professions	1,867	22.4	15.0	0.3	21.7	23.1	0.0	13.3	20.0	33.3	46.7
NSSE 2016 & 2017	36,947	26.5	15.7	0.1	26.4	26.7	0.0	13.3	26.7	40.0	53.3

NSSE 2016 & 2017 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
Learning with Peers											
Collaborative Learning											
Arts & Humanities	4,094	26.7	13.9	0.2	26.3	27.2	5.0	15.0	25.0	35.0	50.0
Bio, Agric, & Nat Res	4,442	33.3	13.7	0.2	32.9	33.7	10.0	25.0	35.0	40.0	60.0
Phys Sci, Math, CS	2,777	33.7	14.8	0.3	33.2	34.3	10.0	25.0	35.0	45.0	60.0
Social Sciences	6,311	28.7	13.6	0.2	28.4	29.0	5.0	20.0	25.0	40.0	55.0
Business	5,112	35.7	13.3	0.2	35.3	36.0	15.0	25.0	35.0	45.0	60.0
Comm, Media, PR	912	33.0	13.3	0.4	32.2	33.9	10.0	25.0	35.0	40.0	55.0
Education	1,355	36.1	12.6	0.3	35.4	36.8	15.0	30.0	35.0	45.0	60.0
Engineering	4,142	40.6	13.0	0.2	40.2	41.0	20.0	30.0	40.0	50.0	60.0
Health Professions	4,481	35.2	12.9	0.2	34.9	35.6	15.0	25.0	35.0	45.0	60.0
Social Svc Professions	1,874	30.1	13.8	0.3	29.5	30.8	5.0	20.0	30.0	40.0	55.0
NSSE 2016 & 2017	37,204	33.1	14.1	0.1	32.9	33.2	10.0	25.0	35.0	40.0	60.0
Discussions with Diverse Others											
Arts & Humanities	4,095	39.1	14.7	0.2	38.7	39.6	15.0	30.0	40.0	50.0	60.0
Bio, Agric, & Nat Res	4,441	39.1	14.9	0.2	38.6	39.5	15.0	30.0	40.0	50.0	60.0
Phys Sci, Math, CS	2,757	37.0	16.3	0.3	36.4	37.6	10.0	25.0	40.0	50.0	60.0
Social Sciences	6,301	39.2	14.6	0.2	38.9	39.6	15.0	30.0	40.0	50.0	60.0
Business	5,085	40.0	15.8	0.2	39.6	40.5	15.0	30.0	40.0	55.0	60.0
Comm, Media, PR	909	38.9	14.7	0.5	38.0	39.9	15.0	30.0	40.0	50.0	60.0
Education	1,361	36.4	15.2	0.4	35.5	37.2	15.0	25.0	35.0	50.0	60.0
Engineering	4,126	40.9	15.3	0.2	40.5	41.4	15.0	30.0	40.0	55.0	60.0
Health Professions	4,490	39.4	15.3	0.2	38.9	39.8	15.0	30.0	40.0	55.0	60.0
Social Svc Professions	1,877	39.9	15.1	0.3	39.3	40.6	15.0	30.0	40.0	55.0	60.0
NSSE 2016 & 2017	37,131	39.1	15.3	0.1	39.0	39.3	15.0	30.0	40.0	50.0	60.0
Experiences with Faculty											
Student-Faculty Interaction											
Arts & Humanities	4,092	20.2	14.5	0.2	19.7	20.6	0.0	10.0	20.0	30.0	50.0
Bio, Agric, & Nat Res	4,441	18.8	14.3	0.2	18.4	19.2	0.0	10.0	15.0	25.0	45.0
Phys Sci, Math, CS	2,769	18.2	14.6	0.3	17.7	18.8	0.0	5.0	15.0	25.0	45.0
Social Sciences	6,299	18.3	14.5	0.2	17.9	18.6	0.0	5.0	15.0	25.0	45.0
Business	5,082	18.0	14.6	0.2	17.6	18.4	0.0	5.0	15.0	25.0	45.0
Comm, Media, PR	906	17.7	14.0	0.5	16.8	18.6	0.0	5.0	15.0	25.0	45.0
Education	1,360	17.8	13.5	0.4	17.1	18.5	0.0	5.0	15.0	25.0	45.0
Engineering	4,122	16.8	13.4	0.2	16.4	17.2	0.0	5.0	15.0	25.0	40.0
Health Professions	4,484	19.0	13.9	0.2	18.5	19.4	0.0	10.0	15.0	25.0	45.0
Social Svc Professions	1,871	16.6	13.9	0.3	16.0	17.2	0.0	5.0	15.0	25.0	45.0
NSSE 2016 & 2017	37,117	18.3	14.3	0.1	18.2	18.4	0.0	5.0	15.0	25.0	45.0
Effective Teaching Practices											
Arts & Humanities	4,119	37.9	12.6	0.2	37.6	38.3	16.0	28.0	40.0	48.0	60.0
Bio, Agric, & Nat Res	4,465	35.1	11.7	0.2	34.7	35.4	16.0	28.0	36.0	44.0	56.0
Phys Sci, Math, CS	2,786	34.7	12.5	0.2	34.3	35.2	16.0	28.0	36.0	44.0	56.0
Social Sciences	6,342	36.2	12.3	0.2	35.9	36.5	16.0	28.0	36.0	44.0	60.0
Business	5,134	35.2	12.7	0.2	34.9	35.5	16.0	28.0	36.0	44.0	60.0
Comm, Media, PR	916	35.8	12.2	0.4	35.0	36.5	16.0	28.0	36.0	44.0	56.0
Education	1,366	35.0	12.2	0.3	34.4	35.7	16.0	28.0	36.0	44.0	56.0
Engineering	4,155	32.1	11.9	0.2	31.7	32.5	12.0	24.0	32.0	40.0	52.0
Health Professions	4,520	33.8	12.4	0.2	33.4	34.1	12.0	24.0	32.0	40.0	56.0
Social Svc Professions	1,886	35.3	12.4	0.3	34.8	35.9	16.0	28.0	36.0	44.0	60.0
NSSE 2016 & 2017	37,393	35.1	12.4	0.1	35.0	35.2	16.0	28.0	36.0	44.0	56.0

NSSE 2016 & 2017 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
Campus Environment											
Quality of Interactions											
Arts & Humanities	3,555	39.1	12.2	0.2	38.7	39.5	16.0	32.0	40.0	48.0	58.0
Bio, Agric, & Nat Res	4,030	38.5	11.9	0.2	38.2	38.9	17.5	32.0	40.0	47.5	57.5
Phys Sci, Math, CS	2,404	39.4	12.0	0.2	38.9	39.8	16.0	32.0	40.0	48.0	58.0
Social Sciences	5,595	38.4	12.1	0.2	38.1	38.7	16.0	30.0	40.0	47.5	57.5
Business	4,564	38.5	12.3	0.2	38.2	38.9	16.0	30.0	40.0	48.0	58.0
Comm, Media, PR	790	38.9	11.9	0.4	38.1	39.7	16.0	32.0	40.0	47.5	56.0
Education	1,036	41.5	11.8	0.4	40.8	42.2	18.0	34.0	42.5	50.0	60.0
Engineering	3,765	37.5	12.1	0.2	37.2	37.9	16.0	30.0	38.0	46.0	58.0
Health Professions	3,892	39.3	12.1	0.2	39.0	39.7	16.0	32.0	40.0	48.0	58.0
Social Svc Professions	1,591	38.7	12.7	0.3	38.0	39.3	16.0	30.0	40.0	48.0	60.0
NSSE 2016 & 2017	32,655	38.8	12.2	0.1	38.6	38.9	16.0	32.0	40.0	48.0	58.0
Supportive Environment											
Arts & Humanities	4,112	27.6	12.9	0.2	27.2	28.0	7.5	17.5	27.5	37.5	50.0
Bio, Agric, & Nat Res	4,458	27.3	12.6	0.2	27.0	27.7	7.5	17.5	27.5	35.0	50.0
Phys Sci, Math, CS	2,781	26.1	12.5	0.2	25.7	26.6	5.7	17.5	25.0	35.0	47.5
Social Sciences	6,332	27.6	12.7	0.2	27.2	27.9	7.5	20.0	27.5	35.0	50.0
Business	5,122	27.8	13.0	0.2	27.5	28.2	7.5	20.0	27.5	37.5	50.0
Comm, Media, PR	915	28.1	12.2	0.4	27.3	28.9	10.0	20.0	27.5	37.5	50.0
Education	1,366	27.8	12.6	0.3	27.1	28.4	7.5	20.0	27.5	37.5	50.0
Engineering	4,156	25.7	12.7	0.2	25.3	26.1	5.0	17.5	25.0	35.0	47.5
Health Professions	4,508	26.9	12.6	0.2	26.5	27.3	7.5	17.5	27.5	35.0	50.0
Social Svc Professions	1,884	27.5	12.7	0.3	26.9	28.0	7.5	17.5	27.5	35.0	50.0
NSSE 2016 & 2017	37,340	27.2	12.7	0.1	27.0	27.3	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:
nse.indiana.edu/html/engagement_indicators.cfm

Not for re-use without permission. Copyright 2017 The Trustees of Indiana University