

NSSE 2019 U.S. 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	7,924	38.7	12.9	0.1	38.4	39.0	20.0	30.0	40.0	50.0	60.0
Bio, Agric, & Nat Res	10,858	39.2	13.0	0.1	39.0	39.5	20.0	30.0	40.0	50.0	60.0
Phys Sci, Math, CS	6,489	38.0	12.8	0.2	37.7	38.4	20.0	30.0	40.0	45.0	60.0
Social Sciences	9,638	39.7	12.8	0.1	39.4	39.9	20.0	30.0	40.0	50.0	60.0
Business	15,649	37.7	13.0	0.1	37.5	37.9	20.0	30.0	40.0	45.0	60.0
Comm, Media, PR	3,721	38.2	12.8	0.2	37.8	38.6	20.0	30.0	40.0	45.0	60.0
Education	7,113	37.9	12.8	0.2	37.6	38.2	20.0	30.0	40.0	45.0	60.0
Engineering	8,421	38.2	12.4	0.1	37.9	38.4	20.0	30.0	40.0	45.0	60.0
Health Professions	15,725	38.5	13.3	0.1	38.3	38.7	20.0	30.0	40.0	45.0	60.0
Social Svc Professions	5,362	37.8	13.4	0.2	37.4	38.2	20.0	30.0	40.0	45.0	60.0
NSSE 2019	98,842	38.3	13.0	0.0	38.2	38.3	20.0	30.0	40.0	45.0	60.0
Reflective & Integrative Learning											
Arts & Humanities	8,000	37.5	11.7	0.1	37.3	37.8	20.0	28.6	37.1	45.7	57.1
Bio, Agric, & Nat Res	10,983	35.5	11.6	0.1	35.3	35.8	17.1	28.6	34.3	42.9	57.1
Phys Sci, Math, CS	6,588	33.4	11.7	0.1	33.1	33.7	14.3	25.7	33.3	40.0	54.3
Social Sciences	9,732	38.9	11.7	0.1	38.7	39.2	20.0	31.4	40.0	48.6	60.0
Business	15,883	35.1	11.7	0.1	34.9	35.3	17.1	25.7	34.3	42.9	57.1
Comm, Media, PR	3,781	37.8	11.6	0.2	37.5	38.2	20.0	28.6	37.1	45.7	57.1
Education	7,228	35.9	11.8	0.1	35.7	36.2	17.1	28.6	34.3	42.9	57.1
Engineering	8,522	33.0	11.2	0.1	32.8	33.3	16.7	25.7	31.4	40.0	51.4
Health Professions	15,933	35.0	11.6	0.1	34.8	35.2	17.1	25.7	34.3	42.9	57.1
Social Svc Professions	5,450	36.4	12.2	0.2	36.1	36.7	17.1	28.6	37.1	43.3	60.0
NSSE 2019	100,139	35.6	11.8	0.0	35.5	35.6	17.1	28.6	34.3	42.9	57.1
Learning Strategies											
Arts & Humanities	7,910	37.4	13.8	0.2	37.1	37.7	13.3	26.7	40.0	46.7	60.0
Bio, Agric, & Nat Res	10,870	39.3	13.6	0.1	39.0	39.5	20.0	26.7	40.0	53.3	60.0
Phys Sci, Math, CS	6,510	36.3	13.9	0.2	35.9	36.6	13.3	26.7	33.3	46.7	60.0
Social Sciences	9,632	39.5	13.6	0.1	39.3	39.8	20.0	26.7	40.0	53.3	60.0
Business	15,711	38.4	13.6	0.1	38.2	38.6	20.0	26.7	40.0	46.7	60.0
Comm, Media, PR	3,745	37.6	13.2	0.2	37.2	38.0	20.0	26.7	40.0	46.7	60.0
Education	7,150	39.0	13.6	0.2	38.7	39.3	20.0	26.7	40.0	46.7	60.0
Engineering	8,412	35.8	13.4	0.1	35.5	36.1	13.3	26.7	33.3	46.7	60.0
Health Professions	15,741	40.5	13.5	0.1	40.3	40.7	20.0	33.3	40.0	53.3	60.0
Social Svc Professions	5,401	38.7	14.0	0.2	38.3	39.1	20.0	26.7	40.0	46.7	60.0
NSSE 2019	99,003	38.4	13.7	0.0	38.3	38.5	20.0	26.7	40.0	46.7	60.0
Quantitative Reasoning											
Arts & Humanities	7,905	22.9	15.5	0.2	22.5	23.2	0.0	13.3	20.0	33.3	53.3
Bio, Agric, & Nat Res	10,831	30.7	14.7	0.1	30.5	31.0	6.7	20.0	26.7	40.0	60.0
Phys Sci, Math, CS	6,481	29.9	14.9	0.2	29.6	30.3	6.7	20.0	26.7	40.0	60.0
Social Sciences	9,606	27.3	15.3	0.2	27.0	27.6	0.0	20.0	26.7	40.0	60.0
Business	15,676	30.3	14.9	0.1	30.1	30.5	6.7	20.0	26.7	40.0	60.0
Comm, Media, PR	3,730	25.4	15.0	0.2	25.0	25.9	0.0	13.3	26.7	40.0	53.3
Education	7,107	25.7	15.4	0.2	25.3	26.0	0.0	13.3	26.7	40.0	60.0
Engineering	8,413	31.5	14.2	0.2	31.2	31.8	6.7	20.0	33.3	40.0	60.0
Health Professions	15,697	27.3	15.0	0.1	27.0	27.5	0.0	20.0	26.7	40.0	60.0
Social Svc Professions	5,375	26.7	15.7	0.2	26.3	27.1	0.0	20.0	26.7	40.0	60.0
NSSE 2019	98,739	28.0	15.3	0.0	27.9	28.1	0.0	20.0	26.7	40.0	60.0

NSSE 2019 U.S. 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
Learning with Peers											
Collaborative Learning											
Arts & Humanities	7,980	30.5	13.9	0.2	30.2	30.8	10.0	20.0	30.0	40.0	55.0
Bio, Agric, & Nat Res	10,927	36.1	14.1	0.1	35.8	36.3	15.0	25.0	35.0	45.0	60.0
Phys Sci, Math, CS	6,582	32.2	14.6	0.2	31.9	32.6	10.0	20.0	30.0	40.0	60.0
Social Sciences	9,702	30.7	14.5	0.1	30.4	30.9	5.0	20.0	30.0	40.0	60.0
Business	15,832	31.1	15.6	0.1	30.8	31.3	0.0	20.0	30.0	40.0	60.0
Comm, Media, PR	3,767	32.4	13.5	0.2	32.0	32.8	10.0	20.0	30.0	40.0	60.0
Education	7,206	31.2	15.6	0.2	30.9	31.6	0.0	20.0	30.0	40.0	60.0
Engineering	8,501	36.8	14.0	0.2	36.5	37.1	15.0	25.0	35.0	45.0	60.0
Health Professions	15,914	34.9	14.6	0.1	34.6	35.1	10.0	25.0	35.0	45.0	60.0
Social Svc Professions	5,428	29.9	14.8	0.2	29.5	30.3	5.0	20.0	30.0	40.0	60.0
NSSE 2019	99,833	32.5	14.9	0.0	32.4	32.6	5.0	20.0	30.0	40.0	60.0
Discussions with Diverse Others											
Arts & Humanities	7,927	40.8	14.7	0.2	40.5	41.1	20.0	30.0	40.0	55.0	60.0
Bio, Agric, & Nat Res	10,870	40.7	15.1	0.1	40.4	41.0	15.0	30.0	40.0	55.0	60.0
Phys Sci, Math, CS	6,504	38.7	15.6	0.2	38.3	39.1	15.0	25.0	40.0	50.0	60.0
Social Sciences	9,622	41.1	14.6	0.1	40.8	41.4	20.0	30.0	40.0	55.0	60.0
Business	15,687	38.9	16.0	0.1	38.6	39.1	10.0	25.0	40.0	55.0	60.0
Comm, Media, PR	3,747	40.7	14.4	0.2	40.2	41.2	20.0	30.0	40.0	55.0	60.0
Education	7,130	39.0	16.0	0.2	38.6	39.3	10.0	30.0	40.0	55.0	60.0
Engineering	8,422	39.9	15.2	0.2	39.6	40.2	15.0	30.0	40.0	55.0	60.0
Health Professions	15,730	38.9	15.9	0.1	38.6	39.1	10.0	25.0	40.0	55.0	60.0
Social Svc Professions	5,396	39.8	16.2	0.2	39.4	40.2	10.0	30.0	40.0	55.0	60.0
NSSE 2019	98,968	39.5	15.6	0.0	39.4	39.6	15.0	30.0	40.0	55.0	60.0
Experiences with Faculty											
Student-Faculty Interaction											
Arts & Humanities	7,889	22.4	14.5	0.2	22.1	22.7	0.0	10.0	20.0	30.0	50.0
Bio, Agric, & Nat Res	10,843	22.9	14.6	0.1	22.7	23.2	0.0	10.0	20.0	30.0	50.0
Phys Sci, Math, CS	6,499	20.5	14.4	0.2	20.2	20.9	0.0	10.0	20.0	30.0	50.0
Social Sciences	9,608	21.4	14.5	0.1	21.2	21.7	0.0	10.0	20.0	30.0	50.0
Business	15,708	21.8	14.8	0.1	21.5	22.0	0.0	10.0	20.0	30.0	50.0
Comm, Media, PR	3,731	22.9	14.6	0.2	22.5	23.4	0.0	10.0	20.0	30.0	50.0
Education	7,153	24.2	14.7	0.2	23.9	24.6	5.0	15.0	20.0	35.0	55.0
Engineering	8,430	20.0	13.8	0.2	19.7	20.3	0.0	10.0	20.0	30.0	45.0
Health Professions	15,753	22.5	14.5	0.1	22.3	22.8	0.0	10.0	20.0	30.0	50.0
Social Svc Professions	5,373	22.0	14.9	0.2	21.6	22.4	0.0	10.0	20.0	30.0	50.0
NSSE 2019	98,931	21.9	14.6	0.0	21.8	22.0	0.0	10.0	20.0	30.0	50.0
Effective Teaching Practices											
Arts & Humanities	7,983	40.2	12.7	0.1	39.9	40.5	20.0	32.0	40.0	48.0	60.0
Bio, Agric, & Nat Res	10,968	38.5	13.0	0.1	38.3	38.7	16.0	28.0	40.0	48.0	60.0
Phys Sci, Math, CS	6,554	38.9	12.7	0.2	38.6	39.2	20.0	32.0	40.0	48.0	60.0
Social Sciences	9,714	39.1	13.0	0.1	38.9	39.4	20.0	32.0	40.0	48.0	60.0
Business	15,860	38.5	13.1	0.1	38.3	38.7	16.0	28.0	40.0	48.0	60.0
Comm, Media, PR	3,770	38.5	12.7	0.2	38.1	38.9	20.0	28.0	40.0	48.0	60.0
Education	7,201	39.4	13.2	0.2	39.1	39.7	20.0	32.0	40.0	48.0	60.0
Engineering	8,508	37.1	12.5	0.1	36.9	37.4	16.0	28.0	36.0	44.0	60.0
Health Professions	15,872	38.7	13.3	0.1	38.5	38.9	16.0	28.0	40.0	48.0	60.0
Social Svc Professions	5,445	38.7	14.0	0.2	38.3	39.1	16.0	28.0	40.0	48.0	60.0
NSSE 2019	99,897	38.7	13.1	0.0	38.6	38.7	16.0	28.0	40.0	48.0	60.0

NSSE 2019 U.S. 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
Campus Environment											
Quality of Interactions											
Arts & Humanities	7,624	43.5	11.4	0.1	43.3	43.8	22.5	37.5	44.0	52.0	60.0
Bio, Agric, & Nat Res	10,569	43.1	11.4	0.1	42.9	43.3	22.0	36.0	44.0	52.0	60.0
Phys Sci, Math, CS	6,150	43.2	11.7	0.1	42.9	43.5	22.0	36.0	44.0	52.0	60.0
Social Sciences	9,274	42.7	11.8	0.1	42.5	43.0	20.0	36.0	44.0	50.0	60.0
Business	14,951	43.5	12.1	0.1	43.3	43.7	20.0	36.0	44.0	52.0	60.0
Comm, Media, PR	3,641	43.0	11.4	0.2	42.6	43.3	22.0	36.0	44.0	52.0	60.0
Education	6,795	44.5	11.6	0.1	44.2	44.8	22.0	38.0	46.0	54.0	60.0
Engineering	8,031	43.3	11.2	0.1	43.0	43.5	22.0	36.0	44.0	52.0	60.0
Health Professions	15,226	43.1	12.1	0.1	42.9	43.3	20.0	36.0	44.0	52.0	60.0
Social Svc Professions	5,192	42.9	12.6	0.2	42.6	43.2	20.0	36.0	44.0	52.0	60.0
NSSE 2019	94,898	43.2	11.8	0.0	43.2	43.3	22.0	36.0	44.0	52.0	60.0
Supportive Environment											
Arts & Humanities	7,953	36.3	13.0	0.1	36.0	36.6	15.0	27.5	37.5	45.0	60.0
Bio, Agric, & Nat Res	10,909	36.9	13.2	0.1	36.6	37.1	15.0	27.5	37.5	45.0	60.0
Phys Sci, Math, CS	6,531	35.7	13.1	0.2	35.4	36.0	15.0	27.5	35.0	45.0	60.0
Social Sciences	9,654	36.4	13.4	0.1	36.1	36.7	15.0	27.5	37.5	45.0	60.0
Business	15,733	35.5	13.6	0.1	35.3	35.7	12.5	25.0	35.0	45.0	60.0
Comm, Media, PR	3,760	36.6	13.0	0.2	36.2	37.0	15.0	27.5	37.5	45.0	60.0
Education	7,160	37.0	13.4	0.2	36.7	37.3	15.0	27.5	37.5	47.5	60.0
Engineering	8,438	35.7	12.8	0.1	35.4	36.0	15.0	27.5	35.0	45.0	60.0
Health Professions	15,773	37.2	13.7	0.1	37.0	37.4	15.0	27.5	37.5	47.5	60.0
Social Svc Professions	5,397	36.4	13.7	0.2	36.1	36.8	15.0	27.5	37.5	45.0	60.0
NSSE 2019	99,272	36.2	13.4	0.0	36.1	36.3	15.0	27.5	37.5	45.0	60.0

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

Copyright 2019 The Trustees of Indiana University