

# NSSE 2018 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
<b>Academic Challenge</b>											
<b>Higher-Order Learning</b>											
Arts & Humanities	7,937	38.0	13.0	0.1	37.7	38.3	15.0	30.0	40.0	45.0	60.0
Bio, Agric, & Nat Res	10,443	39.0	13.1	0.1	38.8	39.3	20.0	30.0	40.0	50.0	60.0
Phys Sci, Math, CS	6,130	37.5	13.0	0.2	37.2	37.9	15.0	30.0	40.0	45.0	60.0
Social Sciences	10,321	39.4	13.2	0.1	39.1	39.7	20.0	30.0	40.0	50.0	60.0
Business	15,030	37.3	13.2	0.1	37.1	37.5	15.0	30.0	40.0	45.0	60.0
Comm, Media, PR	3,569	38.3	12.8	0.2	37.9	38.7	20.0	30.0	40.0	45.0	60.0
Education	6,736	37.8	13.1	0.2	37.5	38.1	20.0	30.0	40.0	45.0	60.0
Engineering	7,160	37.7	12.6	0.1	37.4	38.0	20.0	30.0	40.0	45.0	60.0
Health Professions	14,425	38.1	13.4	0.1	37.9	38.3	20.0	30.0	40.0	45.0	60.0
Social Svc Professions	4,995	38.3	13.7	0.2	37.9	38.7	20.0	30.0	40.0	45.0	60.0
NSSE 2018	94,070	38.0	13.2	0.0	37.9	38.1	20.0	30.0	40.0	45.0	60.0
<b>Reflective &amp; Integrative Learning</b>											
Arts & Humanities	8,007	37.1	11.8	0.1	36.9	37.4	17.1	28.6	37.1	45.7	57.1
Bio, Agric, & Nat Res	10,545	35.1	11.7	0.1	34.8	35.3	17.1	25.7	34.3	42.9	57.1
Phys Sci, Math, CS	6,229	33.3	11.9	0.2	33.0	33.6	14.3	25.7	31.4	40.0	54.3
Social Sciences	10,436	38.4	11.8	0.1	38.2	38.7	20.0	31.4	37.1	45.7	60.0
Business	15,243	34.9	11.8	0.1	34.7	35.0	17.1	25.7	34.3	42.9	57.1
Comm, Media, PR	3,633	37.2	11.7	0.2	36.8	37.6	20.0	28.6	37.1	45.7	57.1
Education	6,820	35.7	11.8	0.1	35.4	36.0	17.1	28.6	34.3	42.9	57.1
Engineering	7,231	32.9	11.4	0.1	32.6	33.1	14.3	25.7	31.4	40.0	54.3
Health Professions	14,612	34.4	11.6	0.1	34.2	34.6	17.1	25.7	34.3	40.0	57.1
Social Svc Professions	5,053	36.3	12.1	0.2	36.0	36.7	17.1	28.6	37.1	45.7	57.1
NSSE 2018	95,228	35.3	11.9	0.0	35.2	35.4	17.1	25.7	34.3	42.9	57.1
<b>Learning Strategies</b>											
Arts & Humanities	7,909	36.9	13.6	0.2	36.6	37.2	13.3	26.7	40.0	46.7	60.0
Bio, Agric, & Nat Res	10,440	39.5	13.8	0.1	39.2	39.7	20.0	26.7	40.0	53.3	60.0
Phys Sci, Math, CS	6,149	35.9	13.8	0.2	35.5	36.2	13.3	26.7	33.3	46.7	60.0
Social Sciences	10,315	39.0	13.7	0.1	38.8	39.3	20.0	26.7	40.0	46.7	60.0
Business	15,034	37.9	13.7	0.1	37.6	38.1	20.0	26.7	40.0	46.7	60.0
Comm, Media, PR	3,590	37.4	13.5	0.2	37.0	37.9	20.0	26.7	40.0	46.7	60.0
Education	6,734	39.0	13.8	0.2	38.7	39.3	20.0	26.7	40.0	46.7	60.0
Engineering	7,108	35.6	13.3	0.2	35.2	35.9	13.3	26.7	33.3	46.7	60.0
Health Professions	14,442	40.1	13.5	0.1	39.9	40.3	20.0	33.3	40.0	53.3	60.0
Social Svc Professions	4,975	38.8	14.1	0.2	38.4	39.2	20.0	26.7	40.0	46.7	60.0
NSSE 2018	94,008	38.1	13.8	0.0	38.0	38.2	20.0	26.7	40.0	46.7	60.0
<b>Quantitative Reasoning</b>											
Arts & Humanities	7,901	22.2	15.4	0.2	21.8	22.5	0.0	13.3	20.0	33.3	53.3
Bio, Agric, & Nat Res	10,407	30.0	14.8	0.1	29.8	30.3	6.7	20.0	26.7	40.0	60.0
Phys Sci, Math, CS	6,158	29.6	14.9	0.2	29.2	29.9	6.7	20.0	26.7	40.0	60.0
Social Sciences	10,277	27.0	15.5	0.2	26.7	27.3	0.0	20.0	26.7	40.0	60.0
Business	14,997	29.8	15.0	0.1	29.6	30.1	6.7	20.0	26.7	40.0	60.0
Comm, Media, PR	3,557	24.7	15.5	0.3	24.2	25.3	0.0	13.3	20.0	33.3	53.3
Education	6,691	24.9	15.6	0.2	24.5	25.2	0.0	13.3	20.0	33.3	60.0
Engineering	7,126	30.8	14.5	0.2	30.5	31.2	6.7	20.0	33.3	40.0	60.0
Health Professions	14,396	26.8	15.1	0.1	26.6	27.1	0.0	20.0	26.7	40.0	60.0
Social Svc Professions	4,956	26.8	15.6	0.2	26.3	27.2	0.0	20.0	26.7	40.0	60.0
NSSE 2018	93,758	27.5	15.4	0.1	27.4	27.6	0.0	20.0	26.7	40.0	60.0

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Theme/Engagement Indicator	Mean Statistics				95% Conf. Interval		Distribution Statistics (Percentile Scores)				
	N	Mean	SD	SEM	Lower	Upper	5	25	50	75	95
<b>Learning with Peers</b>											
<b>Collaborative Learning</b>											
Arts & Humanities	7,949	30.3	13.6	0.2	30.0	30.6	10.0	20.0	30.0	40.0	55.0
Bio, Agric, & Nat Res	10,482	35.9	13.8	0.1	35.6	36.2	15.0	25.0	35.0	45.0	60.0
Phys Sci, Math, CS	6,202	32.2	14.2	0.2	31.8	32.6	10.0	20.0	30.0	40.0	60.0
Social Sciences	10,371	30.8	14.2	0.1	30.5	31.1	5.0	20.0	30.0	40.0	55.0
Business	15,199	31.5	15.1	0.1	31.3	31.8	5.0	20.0	30.0	40.0	60.0
Comm, Media, PR	3,597	32.0	13.1	0.2	31.5	32.4	10.0	20.0	30.0	40.0	55.0
Education	6,778	30.6	15.1	0.2	30.3	31.0	5.0	20.0	30.0	40.0	60.0
Engineering	7,220	36.6	14.0	0.2	36.2	36.9	15.0	25.0	35.0	45.0	60.0
Health Professions	14,549	34.6	14.4	0.1	34.4	34.8	10.0	25.0	35.0	45.0	60.0
Social Svc Professions	5,023	30.3	14.6	0.2	29.9	30.7	5.0	20.0	30.0	40.0	55.0
NSSE 2018	94,756	32.4	14.6	0.0	32.3	32.5	10.0	20.0	30.0	40.0	60.0
<b>Discussions with Diverse Others</b>											
Arts & Humanities	7,920	40.2	14.8	0.2	39.9	40.5	15.0	30.0	40.0	50.0	60.0
Bio, Agric, & Nat Res	10,437	40.2	15.3	0.1	39.9	40.5	15.0	30.0	40.0	55.0	60.0
Phys Sci, Math, CS	6,157	38.3	15.7	0.2	37.9	38.7	10.0	25.0	40.0	50.0	60.0
Social Sciences	10,291	40.6	14.9	0.1	40.3	40.9	15.0	30.0	40.0	55.0	60.0
Business	15,064	38.5	16.2	0.1	38.3	38.8	10.0	25.0	40.0	55.0	60.0
Comm, Media, PR	3,585	40.2	14.4	0.2	39.7	40.6	20.0	30.0	40.0	50.0	60.0
Education	6,740	38.8	15.9	0.2	38.4	39.2	10.0	25.0	40.0	55.0	60.0
Engineering	7,129	38.8	15.7	0.2	38.4	39.1	10.0	30.0	40.0	50.0	60.0
Health Professions	14,445	38.5	16.1	0.1	38.3	38.8	10.0	25.0	40.0	55.0	60.0
Social Svc Professions	4,993	39.2	16.2	0.2	38.7	39.6	10.0	25.0	40.0	55.0	60.0
NSSE 2018	94,080	39.1	15.7	0.1	39.0	39.2	15.0	30.0	40.0	55.0	60.0
<b>Experiences with Faculty</b>											
<b>Student-Faculty Interaction</b>											
Arts & Humanities	7,908	22.0	14.2	0.2	21.7	22.3	0.0	10.0	20.0	30.0	50.0
Bio, Agric, & Nat Res	10,431	22.4	14.6	0.1	22.1	22.7	0.0	10.0	20.0	30.0	50.0
Phys Sci, Math, CS	6,142	20.2	14.4	0.2	19.8	20.5	0.0	10.0	20.0	30.0	50.0
Social Sciences	10,285	21.2	14.8	0.1	21.0	21.5	0.0	10.0	20.0	30.0	50.0
Business	15,021	21.5	14.9	0.1	21.3	21.8	0.0	10.0	20.0	30.0	50.0
Comm, Media, PR	3,576	22.2	14.3	0.2	21.7	22.6	0.0	10.0	20.0	30.0	50.0
Education	6,739	23.4	15.0	0.2	23.1	23.8	0.0	10.0	20.0	35.0	55.0
Engineering	7,160	20.2	14.1	0.2	19.9	20.5	0.0	10.0	20.0	30.0	45.0
Health Professions	14,470	22.2	14.5	0.1	21.9	22.4	0.0	10.0	20.0	30.0	50.0
Social Svc Professions	4,983	22.4	15.3	0.2	21.9	22.8	0.0	10.0	20.0	30.0	55.0
NSSE 2018	94,034	21.6	14.6	0.0	21.5	21.7	0.0	10.0	20.0	30.0	50.0
<b>Effective Teaching Practices</b>											
Arts & Humanities	7,985	39.7	12.7	0.1	39.4	39.9	20.0	32.0	40.0	48.0	60.0
Bio, Agric, & Nat Res	10,522	38.4	12.9	0.1	38.1	38.6	20.0	28.0	40.0	48.0	60.0
Phys Sci, Math, CS	6,221	38.6	12.8	0.2	38.3	38.9	16.0	32.0	40.0	48.0	60.0
Social Sciences	10,411	39.0	13.1	0.1	38.7	39.2	16.0	32.0	40.0	48.0	60.0
Business	15,221	38.4	13.3	0.1	38.2	38.6	16.0	28.0	40.0	48.0	60.0
Comm, Media, PR	3,615	38.3	12.8	0.2	37.9	38.7	20.0	28.0	40.0	48.0	60.0
Education	6,808	39.8	13.3	0.2	39.5	40.1	20.0	32.0	40.0	52.0	60.0
Engineering	7,219	37.2	12.6	0.1	36.9	37.5	16.0	28.0	36.0	44.0	60.0
Health Professions	14,589	38.7	13.3	0.1	38.5	39.0	16.0	28.0	40.0	48.0	60.0
Social Svc Professions	5,048	38.9	14.0	0.2	38.5	39.3	16.0	28.0	40.0	52.0	60.0
NSSE 2018	95,034	38.6	13.2	0.0	38.5	38.7	16.0	28.0	40.0	48.0	60.0

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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
<b>Campus Environment</b>											
<b>Quality of Interactions</b>											
Arts & Humanities	7,619	42.3	11.7	0.1	42.1	42.6	20.0	36.0	44.0	50.0	60.0
Bio, Agric, & Nat Res	10,128	41.8	12.1	0.1	41.5	42.0	20.0	34.0	42.5	50.0	60.0
Phys Sci, Math, CS	5,853	42.0	12.3	0.2	41.7	42.3	18.0	35.0	44.0	50.0	60.0
Social Sciences	9,952	41.5	12.2	0.1	41.3	41.8	20.0	34.0	42.0	50.0	60.0
Business	14,368	41.7	12.7	0.1	41.5	41.9	18.0	34.0	42.5	50.0	60.0
Comm, Media, PR	3,496	41.6	12.0	0.2	41.2	42.0	20.0	34.0	42.0	50.0	60.0
Education	6,465	43.5	12.2	0.2	43.2	43.8	20.0	36.0	45.0	52.0	60.0
Engineering	6,834	42.2	11.8	0.1	41.9	42.4	20.0	36.0	44.0	50.0	60.0
Health Professions	14,059	42.1	12.6	0.1	41.9	42.4	18.0	34.0	44.0	52.0	60.0
Social Svc Professions	4,819	41.5	13.0	0.2	41.1	41.8	18.0	32.5	42.0	52.0	60.0
NSSE 2018	90,479	42.0	12.4	0.0	41.9	42.1	20.0	34.0	44.0	50.0	60.0
<b>Supportive Environment</b>											
Arts & Humanities	7,943	35.8	13.1	0.1	35.5	36.1	15.0	27.5	37.5	45.0	60.0
Bio, Agric, & Nat Res	10,453	36.8	13.3	0.1	36.5	37.1	15.0	27.5	37.5	45.0	60.0
Phys Sci, Math, CS	6,183	35.8	13.3	0.2	35.5	36.1	12.5	27.5	37.5	45.0	60.0
Social Sciences	10,346	36.0	13.5	0.1	35.8	36.3	14.3	27.5	37.5	45.0	60.0
Business	15,106	35.4	13.6	0.1	35.1	35.6	12.5	25.0	35.0	45.0	60.0
Comm, Media, PR	3,597	35.8	13.2	0.2	35.4	36.3	15.0	27.5	37.5	45.0	60.0
Education	6,741	36.6	13.8	0.2	36.3	37.0	14.3	27.5	37.5	45.0	60.0
Engineering	7,141	35.3	13.1	0.2	35.0	35.6	15.0	25.0	35.0	42.5	60.0
Health Professions	14,510	37.1	13.6	0.1	36.9	37.3	15.0	27.5	37.5	47.5	60.0
Social Svc Professions	5,001	36.5	14.1	0.2	36.2	36.9	12.5	27.5	37.5	47.5	60.0
NSSE 2018	94,364	36.0	13.5	0.0	35.9	36.1	14.3	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](http://nsse.indiana.edu/html/engagement_indicators.cfm)

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