

# NSSE 2017 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	10,486	38.2	12.9	0.1	38.0	38.5	15.0	30.0	40.0	45.0	60.0
Bio, Agric, & Nat Res	13,988	39.2	12.9	0.1	38.9	39.4	20.0	30.0	40.0	50.0	60.0
Phys Sci, Math, CS	8,575	38.0	12.8	0.1	37.8	38.3	20.0	30.0	40.0	45.0	60.0
Social Sciences	12,103	39.5	13.0	0.1	39.3	39.7	20.0	30.0	40.0	50.0	60.0
Business	18,698	37.7	13.0	0.1	37.5	37.9	20.0	30.0	40.0	45.0	60.0
Comm, Media, PR	4,288	38.0	12.6	0.2	37.6	38.4	20.0	30.0	40.0	45.0	60.0
Education	8,149	37.6	12.8	0.1	37.3	37.8	20.0	30.0	40.0	45.0	60.0
Engineering	11,305	38.1	12.6	0.1	37.9	38.3	20.0	30.0	40.0	45.0	60.0
Health Professions	17,655	38.3	13.3	0.1	38.1	38.5	20.0	30.0	40.0	45.0	60.0
Social Svc Professions	5,884	37.6	13.5	0.2	37.3	38.0	15.0	30.0	40.0	45.0	60.0
NSSE 2017	120,606	38.1	13.0	0.0	38.0	38.2	20.0	30.0	40.0	45.0	60.0
<b>Reflective &amp; Integrative Learning</b>											
Arts & Humanities	10,552	37.2	11.6	0.1	37.0	37.4	20.0	28.6	37.1	45.7	57.1
Bio, Agric, & Nat Res	14,102	35.3	11.4	0.1	35.1	35.5	17.1	28.6	34.3	42.9	57.1
Phys Sci, Math, CS	8,625	33.7	11.6	0.1	33.4	33.9	14.3	25.7	34.3	40.0	54.3
Social Sciences	12,203	38.5	11.8	0.1	38.3	38.7	20.0	31.4	37.1	45.7	60.0
Business	18,907	34.8	11.8	0.1	34.7	35.0	17.1	25.7	34.3	42.9	57.1
Comm, Media, PR	4,339	37.4	11.5	0.2	37.0	37.7	20.0	28.6	37.1	45.7	57.1
Education	8,227	35.5	11.5	0.1	35.3	35.8	17.1	28.6	34.3	42.9	57.1
Engineering	11,413	33.0	11.2	0.1	32.8	33.3	14.3	25.7	31.4	40.0	54.3
Health Professions	17,820	34.5	11.6	0.1	34.3	34.6	17.1	25.7	34.3	40.0	57.1
Social Svc Professions	5,963	35.9	12.3	0.2	35.6	36.2	17.1	25.7	36.7	42.9	57.1
NSSE 2017	121,748	35.3	11.8	0.0	35.2	35.3	17.1	25.7	34.3	42.9	57.1
<b>Learning Strategies</b>											
Arts & Humanities	10,487	37.2	13.6	0.1	37.0	37.5	13.3	26.7	40.0	46.7	60.0
Bio, Agric, & Nat Res	14,028	39.4	13.3	0.1	39.2	39.6	20.0	26.7	40.0	46.7	60.0
Phys Sci, Math, CS	8,575	36.7	13.5	0.1	36.4	37.0	13.3	26.7	40.0	46.7	60.0
Social Sciences	12,142	39.1	13.6	0.1	38.9	39.4	20.0	26.7	40.0	46.7	60.0
Business	18,754	38.1	13.6	0.1	37.9	38.3	20.0	26.7	40.0	46.7	60.0
Comm, Media, PR	4,303	37.7	13.5	0.2	37.3	38.1	13.3	26.7	40.0	46.7	60.0
Education	8,167	38.9	13.5	0.1	38.6	39.2	20.0	26.7	40.0	46.7	60.0
Engineering	11,354	36.4	13.2	0.1	36.2	36.7	13.3	26.7	40.0	46.7	60.0
Health Professions	17,728	40.2	13.4	0.1	40.1	40.4	20.0	33.3	40.0	53.3	60.0
Social Svc Professions	5,908	38.5	13.8	0.2	38.1	38.9	20.0	26.7	40.0	46.7	60.0
NSSE 2017	120,972	38.3	13.6	0.0	38.2	38.4	20.0	26.7	40.0	46.7	60.0
<b>Quantitative Reasoning</b>											
Arts & Humanities	10,444	22.1	15.4	0.2	21.8	22.4	0.0	13.3	20.0	33.3	53.3
Bio, Agric, & Nat Res	13,944	30.0	14.5	0.1	29.8	30.3	6.7	20.0	26.7	40.0	60.0
Phys Sci, Math, CS	8,489	29.6	15.2	0.2	29.3	29.9	6.7	20.0	26.7	40.0	60.0
Social Sciences	12,074	26.8	15.2	0.1	26.5	27.1	0.0	20.0	26.7	40.0	53.3
Business	18,670	29.4	14.9	0.1	29.2	29.6	6.7	20.0	26.7	40.0	60.0
Comm, Media, PR	4,297	25.0	15.2	0.2	24.5	25.5	0.0	13.3	20.0	33.3	53.3
Education	8,138	24.7	15.0	0.2	24.4	25.1	0.0	13.3	20.0	33.3	53.3
Engineering	11,251	30.9	14.3	0.1	30.6	31.2	6.7	20.0	33.3	40.0	60.0
Health Professions	17,629	26.3	15.0	0.1	26.1	26.5	0.0	20.0	26.7	40.0	53.3
Social Svc Professions	5,883	26.0	15.6	0.2	25.6	26.4	0.0	13.3	26.7	40.0	60.0
NSSE 2017	120,281	27.3	15.2	0.0	27.2	27.4	0.0	20.0	26.7	40.0	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>Learning with Peers</b>											
<b>Collaborative Learning</b>											
Arts & Humanities	10,503	30.0	13.5	0.1	29.7	30.2	10.0	20.0	30.0	40.0	55.0
Bio, Agric, & Nat Res	14,048	35.8	13.7	0.1	35.6	36.0	15.0	25.0	35.0	45.0	60.0
Phys Sci, Math, CS	8,587	32.7	14.0	0.2	32.4	33.0	10.0	20.0	30.0	40.0	60.0
Social Sciences	12,145	30.6	13.9	0.1	30.3	30.8	10.0	20.0	30.0	40.0	55.0
Business	18,808	31.1	14.8	0.1	30.9	31.3	5.0	20.0	30.0	40.0	60.0
Comm, Media, PR	4,318	31.4	13.3	0.2	31.0	31.8	10.0	20.0	30.0	40.0	55.0
Education	8,181	31.5	14.4	0.2	31.2	31.8	5.0	20.0	30.0	40.0	60.0
Engineering	11,372	36.0	13.9	0.1	35.7	36.2	15.0	25.0	35.0	45.0	60.0
Health Professions	17,715	34.0	14.1	0.1	33.8	34.2	10.0	25.0	35.0	45.0	60.0
Social Svc Professions	5,935	29.6	14.4	0.2	29.3	30.0	5.0	20.0	30.0	40.0	55.0
NSSE 2017	121,156	32.2	14.3	0.0	32.2	32.3	10.0	20.0	30.0	40.0	60.0
<b>Discussions with Diverse Others</b>											
Arts & Humanities	10,493	40.6	14.5	0.1	40.3	40.9	15.0	30.0	40.0	50.0	60.0
Bio, Agric, & Nat Res	14,022	40.7	14.9	0.1	40.5	41.0	15.0	30.0	40.0	55.0	60.0
Phys Sci, Math, CS	8,567	39.3	15.3	0.2	39.0	39.6	15.0	30.0	40.0	50.0	60.0
Social Sciences	12,129	40.9	14.8	0.1	40.6	41.1	15.0	30.0	40.0	55.0	60.0
Business	18,760	38.7	15.8	0.1	38.5	39.0	10.0	25.0	40.0	50.0	60.0
Comm, Media, PR	4,298	40.5	14.3	0.2	40.1	41.0	20.0	30.0	40.0	55.0	60.0
Education	8,175	39.1	15.2	0.2	38.8	39.4	15.0	30.0	40.0	50.0	60.0
Engineering	11,348	40.2	15.3	0.1	39.9	40.4	15.0	30.0	40.0	55.0	60.0
Health Professions	17,720	39.0	15.6	0.1	38.8	39.3	15.0	30.0	40.0	55.0	60.0
Social Svc Professions	5,914	39.8	15.9	0.2	39.4	40.2	15.0	30.0	40.0	55.0	60.0
NSSE 2017	120,951	39.6	15.3	0.0	39.5	39.7	15.0	30.0	40.0	55.0	60.0
<b>Experiences with Faculty</b>											
<b>Student-Faculty Interaction</b>											
Arts & Humanities	10,489	20.9	14.1	0.1	20.6	21.2	0.0	10.0	20.0	30.0	50.0
Bio, Agric, & Nat Res	13,972	21.8	14.6	0.1	21.6	22.0	0.0	10.0	20.0	30.0	50.0
Phys Sci, Math, CS	8,538	19.7	14.0	0.2	19.4	20.0	0.0	10.0	20.0	30.0	45.0
Social Sciences	12,093	20.5	14.4	0.1	20.2	20.7	0.0	10.0	20.0	30.0	50.0
Business	18,708	20.5	14.5	0.1	20.3	20.7	0.0	10.0	20.0	30.0	45.0
Comm, Media, PR	4,284	21.9	14.5	0.2	21.4	22.3	0.0	10.0	20.0	30.0	50.0
Education	8,149	22.8	14.5	0.2	22.5	23.1	0.0	10.0	20.0	30.0	50.0
Engineering	11,311	19.3	14.0	0.1	19.0	19.5	0.0	10.0	15.0	25.0	45.0
Health Professions	17,652	21.4	14.3	0.1	21.1	21.6	0.0	10.0	20.0	30.0	50.0
Social Svc Professions	5,904	21.0	14.9	0.2	20.7	21.4	0.0	10.0	20.0	30.0	50.0
NSSE 2017	120,591	20.7	14.4	0.0	20.7	20.8	0.0	10.0	20.0	30.0	50.0
<b>Effective Teaching Practices</b>											
Arts & Humanities	10,555	40.3	12.3	0.1	40.0	40.5	20.0	32.0	40.0	48.0	60.0
Bio, Agric, & Nat Res	14,104	38.7	12.7	0.1	38.5	38.9	20.0	32.0	40.0	48.0	60.0
Phys Sci, Math, CS	8,611	38.9	12.6	0.1	38.7	39.2	20.0	32.0	40.0	48.0	60.0
Social Sciences	12,213	39.7	12.7	0.1	39.4	39.9	20.0	32.0	40.0	48.0	60.0
Business	18,901	38.8	13.0	0.1	38.6	39.0	16.0	30.0	40.0	48.0	60.0
Comm, Media, PR	4,337	38.7	12.3	0.2	38.4	39.1	20.0	32.0	40.0	48.0	60.0
Education	8,220	39.5	12.8	0.1	39.3	39.8	20.0	32.0	40.0	48.0	60.0
Engineering	11,415	37.7	12.6	0.1	37.5	38.0	16.0	28.0	40.0	48.0	60.0
Health Professions	17,824	39.0	13.2	0.1	38.8	39.2	16.0	32.0	40.0	48.0	60.0
Social Svc Professions	5,953	38.9	13.6	0.2	38.6	39.3	16.0	28.0	40.0	48.0	60.0
NSSE 2017	121,714	38.9	12.9	0.0	38.9	39.0	20.0	32.0	40.0	48.0	60.0

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## 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>Campus Environment</b>											
<b>Quality of Interactions</b>											
Arts & Humanities	10,022	42.0	11.9	0.1	41.7	42.2	20.0	35.0	44.0	50.0	60.0
Bio, Agric, & Nat Res	13,602	41.6	12.1	0.1	41.4	41.8	20.0	34.0	42.5	50.0	60.0
Phys Sci, Math, CS	8,095	41.9	12.2	0.1	41.6	42.2	20.0	34.0	44.0	50.0	60.0
Social Sciences	11,718	41.4	12.3	0.1	41.2	41.7	18.0	34.0	42.0	50.0	60.0
Business	17,912	41.3	12.8	0.1	41.2	41.5	18.0	34.0	42.0	50.0	60.0
Comm, Media, PR	4,180	41.8	11.8	0.2	41.4	42.1	20.0	34.0	42.5	50.0	60.0
Education	7,856	42.8	12.2	0.1	42.5	43.1	20.0	36.0	44.0	52.0	60.0
Engineering	10,792	41.9	12.0	0.1	41.6	42.1	20.0	34.0	42.5	50.0	60.0
Health Professions	17,189	41.3	12.6	0.1	41.1	41.5	18.0	34.0	42.0	50.0	60.0
Social Svc Professions	5,705	41.0	13.4	0.2	40.7	41.4	16.0	32.0	42.0	50.0	60.0
NSSE 2017	115,999	41.6	12.5	0.0	41.5	41.7	18.0	34.0	42.5	50.0	60.0
<b>Supportive Environment</b>											
Arts & Humanities	10,550	36.3	13.1	0.1	36.0	36.5	15.0	27.5	37.5	45.0	60.0
Bio, Agric, & Nat Res	14,089	37.2	13.1	0.1	36.9	37.4	15.0	27.5	37.5	45.7	60.0
Phys Sci, Math, CS	8,604	35.9	13.0	0.1	35.6	36.2	15.0	27.5	37.5	45.0	60.0
Social Sciences	12,189	36.7	13.4	0.1	36.4	36.9	15.0	27.5	37.5	45.0	60.0
Business	18,874	35.2	13.8	0.1	35.0	35.4	12.5	25.0	35.0	45.0	60.0
Comm, Media, PR	4,317	36.9	13.0	0.2	36.5	37.3	17.1	27.5	37.5	45.0	60.0
Education	8,198	37.1	13.5	0.1	36.8	37.4	15.0	27.5	37.5	47.5	60.0
Engineering	11,399	36.0	13.2	0.1	35.7	36.2	15.0	27.5	37.5	45.0	60.0
Health Professions	17,794	36.9	13.8	0.1	36.7	37.1	15.0	27.5	37.5	47.5	60.0
Social Svc Professions	5,943	36.0	14.0	0.2	35.6	36.3	12.5	25.0	37.5	45.0	60.0
NSSE 2017	121,549	36.2	13.5	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:  
[nse.indiana.edu/html/engagement\\_indicators.cfm](http://nse.indiana.edu/html/engagement_indicators.cfm)

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