

# NSSE 2017 U.S. 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
<b>Academic Challenge</b>											
<b>Higher-Order Learning</b>											
Arts & Humanities	14,186	41.1	13.6	0.1	40.9	41.3	20.0	35.0	40.0	50.0	60.0
Bio, Agric, & Nat Res	14,500	39.3	13.5	0.1	39.0	39.5	15.0	30.0	40.0	50.0	60.0
Phys Sci, Math, CS	9,663	37.9	13.6	0.1	37.7	38.2	15.0	30.0	40.0	45.0	60.0
Social Sciences	19,229	42.0	13.1	0.1	41.8	42.1	20.0	35.0	40.0	55.0	60.0
Business	29,510	38.8	13.5	0.1	38.7	39.0	15.0	30.0	40.0	50.0	60.0
Comm, Media, PR	6,238	40.2	13.2	0.2	39.9	40.5	20.0	30.0	40.0	50.0	60.0
Education	9,982	41.0	13.3	0.1	40.7	41.2	20.0	30.0	40.0	50.0	60.0
Engineering	15,161	38.2	13.2	0.1	38.0	38.4	15.0	30.0	40.0	45.0	60.0
Health Professions	23,531	41.9	13.4	0.1	41.7	42.0	20.0	35.0	40.0	55.0	60.0
Social Svc Professions	8,665	41.8	13.7	0.1	41.5	42.1	20.0	35.0	40.0	55.0	60.0
NSSE 2017	163,368	40.1	13.5	0.0	40.0	40.2	20.0	30.0	40.0	50.0	60.0
<b>Reflective &amp; Integrative Learning</b>											
Arts & Humanities	14,278	40.8	12.1	0.1	40.6	41.0	20.0	31.4	40.0	51.4	60.0
Bio, Agric, & Nat Res	14,596	37.0	11.8	0.1	36.8	37.2	20.0	28.6	37.1	45.7	57.1
Phys Sci, Math, CS	9,714	33.2	12.1	0.1	32.9	33.4	14.3	25.7	33.3	40.0	54.3
Social Sciences	19,373	42.2	11.7	0.1	42.0	42.4	22.9	34.3	42.9	51.4	60.0
Business	29,797	36.9	12.1	0.1	36.7	37.0	17.1	28.6	37.1	45.7	60.0
Comm, Media, PR	6,308	40.8	11.8	0.1	40.5	41.1	20.0	31.4	40.0	48.6	60.0
Education	10,072	40.1	11.9	0.1	39.8	40.3	20.0	31.4	40.0	48.6	60.0
Engineering	15,239	32.8	11.6	0.1	32.6	32.9	14.3	25.7	31.4	40.0	54.3
Health Professions	23,779	38.4	12.0	0.1	38.2	38.5	20.0	31.4	37.1	45.7	60.0
Social Svc Professions	8,746	41.3	12.5	0.1	41.0	41.5	20.0	31.4	40.0	51.4	60.0
NSSE 2017	164,739	38.1	12.3	0.0	38.0	38.1	20.0	28.6	37.1	45.7	60.0
<b>Learning Strategies</b>											
Arts & Humanities	14,210	38.2	14.3	0.1	38.0	38.4	13.3	26.7	40.0	46.7	60.0
Bio, Agric, & Nat Res	14,517	39.6	13.9	0.1	39.3	39.8	20.0	26.7	40.0	53.3	60.0
Phys Sci, Math, CS	9,655	35.3	14.6	0.1	35.0	35.6	13.3	26.7	33.3	46.7	60.0
Social Sciences	19,236	39.5	14.1	0.1	39.3	39.7	20.0	26.7	40.0	53.3	60.0
Business	29,561	38.1	14.2	0.1	37.9	38.2	13.3	26.7	40.0	46.7	60.0
Comm, Media, PR	6,255	36.6	14.6	0.2	36.2	37.0	13.3	26.7	40.0	46.7	60.0
Education	10,007	39.6	14.3	0.1	39.3	39.9	13.3	26.7	40.0	53.3	60.0
Engineering	15,155	35.2	14.5	0.1	34.9	35.4	13.3	26.7	33.3	46.7	60.0
Health Professions	23,580	41.1	14.1	0.1	40.9	41.3	20.0	33.3	40.0	53.3	60.0
Social Svc Professions	8,657	39.5	14.6	0.2	39.2	39.8	13.3	26.7	40.0	53.3	60.0
NSSE 2017	163,517	38.5	14.4	0.0	38.5	38.6	13.3	26.7	40.0	46.7	60.0
<b>Quantitative Reasoning</b>											
Arts & Humanities	14,139	21.5	16.4	0.1	21.2	21.8	0.0	6.7	20.0	33.3	53.3
Bio, Agric, & Nat Res	14,445	33.8	15.1	0.1	33.6	34.1	6.7	20.0	33.3	40.0	60.0
Phys Sci, Math, CS	9,598	33.0	16.2	0.2	32.7	33.3	6.7	20.0	33.3	46.7	60.0
Social Sciences	19,162	30.4	15.9	0.1	30.2	30.6	0.0	20.0	26.7	40.0	60.0
Business	29,389	31.9	15.2	0.1	31.7	32.0	6.7	20.0	33.3	40.0	60.0
Comm, Media, PR	6,204	24.9	15.8	0.2	24.5	25.2	0.0	13.3	20.0	33.3	53.3
Education	9,952	24.6	16.0	0.2	24.3	24.9	0.0	13.3	20.0	33.3	60.0
Engineering	15,055	34.8	15.0	0.1	34.6	35.1	13.3	26.7	33.3	46.7	60.0
Health Professions	23,476	29.5	15.3	0.1	29.3	29.7	0.0	20.0	26.7	40.0	60.0
Social Svc Professions	8,632	28.4	15.9	0.2	28.0	28.7	0.0	20.0	26.7	40.0	60.0
NSSE 2017	162,719	29.7	16.1	0.0	29.6	29.8	0.0	20.0	26.7	40.0	60.0

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### Seniors

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	14,201	30.0	13.8	0.1	29.7	30.2	10.0	20.0	30.0	40.0	55.0
Bio, Agric, & Nat Res	14,523	35.9	13.6	0.1	35.7	36.1	15.0	25.0	35.0	45.0	60.0
Phys Sci, Math, CS	9,665	34.6	14.6	0.1	34.3	34.9	10.0	25.0	35.0	45.0	60.0
Social Sciences	19,280	29.9	14.1	0.1	29.7	30.1	5.0	20.0	30.0	40.0	55.0
Business	29,616	31.9	14.6	0.1	31.8	32.1	5.0	20.0	30.0	40.0	60.0
Comm, Media, PR	6,268	32.8	13.2	0.2	32.5	33.1	10.0	25.0	35.0	40.0	55.0
Education	10,021	34.0	14.9	0.1	33.7	34.3	10.0	25.0	35.0	45.0	60.0
Engineering	15,175	39.0	14.4	0.1	38.7	39.2	15.0	30.0	40.0	50.0	60.0
Health Professions	23,658	32.0	16.2	0.1	31.7	32.2	0.0	20.0	35.0	45.0	60.0
Social Svc Professions	8,675	29.0	15.0	0.2	28.6	29.3	5.0	20.0	30.0	40.0	55.0
NSSE 2017	163,816	32.4	15.0	0.0	32.3	32.4	5.0	20.0	30.0	40.0	60.0
<b>Discussions with Diverse Others</b>											
Arts & Humanities	14,180	41.2	14.4	0.1	41.0	41.5	20.0	30.0	40.0	55.0	60.0
Bio, Agric, & Nat Res	14,499	40.7	15.2	0.1	40.4	40.9	15.0	30.0	40.0	55.0	60.0
Phys Sci, Math, CS	9,659	39.1	16.0	0.2	38.8	39.4	10.0	30.0	40.0	55.0	60.0
Social Sciences	19,217	41.8	14.7	0.1	41.6	42.0	20.0	30.0	40.0	55.0	60.0
Business	29,522	40.1	16.2	0.1	39.9	40.3	10.0	30.0	40.0	55.0	60.0
Comm, Media, PR	6,257	42.0	14.4	0.2	41.6	42.3	20.0	30.0	40.0	55.0	60.0
Education	9,993	40.0	15.3	0.2	39.7	40.3	15.0	30.0	40.0	55.0	60.0
Engineering	15,108	40.7	16.2	0.1	40.5	41.0	10.0	30.0	40.0	55.0	60.0
Health Professions	23,557	40.0	16.5	0.1	39.8	40.2	10.0	30.0	40.0	60.0	60.0
Social Svc Professions	8,662	41.7	15.8	0.2	41.4	42.1	15.0	30.0	40.0	60.0	60.0
NSSE 2017	163,333	40.5	15.8	0.0	40.4	40.5	15.0	30.0	40.0	55.0	60.0
<b>Experiences with Faculty</b>											
<b>Student-Faculty Interaction</b>											
Arts & Humanities	14,156	26.6	15.6	0.1	26.4	26.9	5.0	15.0	25.0	35.0	60.0
Bio, Agric, & Nat Res	14,471	26.8	15.7	0.1	26.5	27.0	5.0	15.0	25.0	40.0	60.0
Phys Sci, Math, CS	9,637	23.7	16.0	0.2	23.4	24.1	0.0	10.0	20.0	35.0	55.0
Social Sciences	19,219	24.0	15.8	0.1	23.8	24.2	0.0	10.0	20.0	35.0	55.0
Business	29,499	21.4	15.5	0.1	21.2	21.6	0.0	10.0	20.0	30.0	55.0
Comm, Media, PR	6,230	26.4	15.9	0.2	26.0	26.8	0.0	15.0	25.0	40.0	60.0
Education	9,976	27.6	15.8	0.2	27.3	27.9	5.0	15.0	25.0	40.0	60.0
Engineering	15,142	22.2	15.1	0.1	22.0	22.4	0.0	10.0	20.0	30.0	50.0
Health Professions	23,538	23.6	15.7	0.1	23.4	23.8	0.0	10.0	20.0	35.0	55.0
Social Svc Professions	8,648	23.3	15.9	0.2	23.0	23.7	0.0	10.0	20.0	35.0	55.0
NSSE 2016	163,223	23.8	15.8	0.0	23.7	23.9	0.0	10.0	20.0	35.0	55.0
<b>Effective Teaching Practices</b>											
Arts & Humanities	14,281	41.9	12.9	0.1	41.7	42.2	20.0	32.0	40.0	52.0	60.0
Bio, Agric, & Nat Res	14,585	39.7	12.8	0.1	39.5	39.9	20.0	32.0	40.0	48.0	60.0
Phys Sci, Math, CS	9,713	38.1	13.5	0.1	37.8	38.4	16.0	28.0	40.0	48.0	60.0
Social Sciences	19,388	41.2	13.0	0.1	41.0	41.4	20.0	32.0	40.0	52.0	60.0
Business	29,807	38.9	13.4	0.1	38.7	39.0	16.0	30.0	40.0	48.0	60.0
Comm, Media, PR	6,302	40.2	13.2	0.2	39.9	40.6	20.0	32.0	40.0	52.0	60.0
Education	10,064	40.5	13.9	0.1	40.2	40.7	16.0	32.0	40.0	52.0	60.0
Engineering	15,244	36.5	13.4	0.1	36.3	36.7	12.0	28.0	36.0	44.0	60.0
Health Professions	23,784	40.2	13.9	0.1	40.0	40.3	16.0	32.0	40.0	52.0	60.0
Social Svc Professions	8,753	41.3	14.1	0.2	41.0	41.6	16.0	32.0	40.0	52.0	60.0
NSSE 2017	164,753	39.7	13.6	0.0	39.6	39.8	16.0	32.0	40.0	52.0	60.0

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## 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
<b>Campus Environment</b>											
<b>Quality of Interactions</b>											
Arts & Humanities	13,659	41.8	11.7	0.1	41.6	42.0	20.0	34.0	42.5	50.0	60.0
Bio, Agric, & Nat Res	14,145	41.1	11.8	0.1	41.0	41.3	20.0	34.0	42.0	50.0	60.0
Phys Sci, Math, CS	9,113	41.1	12.1	0.1	40.9	41.4	18.0	34.0	42.0	50.0	60.0
Social Sciences	18,557	41.7	12.2	0.1	41.5	41.9	20.0	34.0	42.5	50.0	60.0
Business	27,875	42.0	12.6	0.1	41.9	42.2	18.0	34.0	44.0	52.0	60.0
Comm, Media, PR	6,108	42.0	11.8	0.2	41.7	42.3	20.0	34.0	44.0	50.0	60.0
Education	9,590	43.2	11.8	0.1	43.0	43.4	22.0	36.0	44.0	52.0	60.0
Engineering	14,319	40.3	12.1	0.1	40.1	40.5	18.0	32.0	42.0	50.0	60.0
Health Professions	21,780	43.1	12.3	0.1	42.9	43.3	20.0	36.0	44.0	52.0	60.0
Social Svc Professions	8,266	43.1	12.8	0.1	42.8	43.3	18.0	35.0	44.0	52.5	60.0
NSSE 2017	155,125	42.0	12.2	0.0	42.0	42.1	20.0	34.0	44.0	50.0	60.0
<b>Supportive Environment</b>											
Arts & Humanities	14,239	32.5	13.5	0.1	32.3	32.7	10.0	22.5	32.5	40.0	57.5
Bio, Agric, & Nat Res	14,567	33.0	13.4	0.1	32.8	33.2	10.0	22.5	32.5	42.5	57.5
Phys Sci, Math, CS	9,686	31.3	14.0	0.1	31.0	31.6	7.5	20.0	30.0	40.0	57.5
Social Sciences	19,335	33.0	13.8	0.1	32.8	33.2	10.0	22.5	32.5	42.5	57.5
Business	29,657	31.3	14.2	0.1	31.2	31.5	7.5	20.0	30.0	40.0	57.5
Comm, Media, PR	6,279	33.6	13.6	0.2	33.3	34.0	10.0	25.0	34.3	42.5	57.5
Education	10,039	33.0	13.9	0.1	32.7	33.3	10.0	22.5	32.5	42.5	60.0
Engineering	15,194	30.1	13.9	0.1	29.8	30.3	7.5	20.0	30.0	40.0	55.0
Health Professions	23,650	32.5	14.3	0.1	32.3	32.7	10.0	22.5	32.5	40.0	60.0
Social Svc Professions	8,716	33.1	14.7	0.2	32.8	33.4	10.0	22.5	32.5	42.5	60.0
NSSE 2017	164,099	32.1	14.1	0.0	32.0	32.1	10.0	22.5	32.5	40.0	57.5

#### 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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