

NSSE 2019 U.S. Engagement Indicator

Descriptive Statistics by Class and Sex

| 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 | | | | | | | | | | | | |
| First-Year | Female | 61,691 | 38.6 | 13.2 | 0.1 | 38.5 | 38.7 | 20.0 | 30.0 | 40.0 | 50.0 | 60.0 |
| | Male | 47,494 | 37.4 | 12.9 | 0.1 | 37.3 | 37.5 | 20.0 | 30.0 | 40.0 | 45.0 | 60.0 |
| | Total | 109,398 | 38.1 | 13.1 | 0.0 | 38.0 | 38.2 | 20.0 | 30.0 | 40.0 | 45.0 | 60.0 |
| Senior | Female | 77,094 | 40.9 | 13.4 | 0.0 | 40.8 | 41.0 | 20.0 | 30.0 | 40.0 | 50.0 | 60.0 |
| | Male | 58,378 | 39.1 | 13.6 | 0.1 | 39.0 | 39.2 | 15.0 | 30.0 | 40.0 | 50.0 | 60.0 |
| | Total | 135,694 | 40.2 | 13.5 | 0.0 | 40.1 | 40.2 | 20.0 | 30.0 | 40.0 | 50.0 | 60.0 |
| Reflective & Integrative Learning | | | | | | | | | | | | |
| First-Year | Female | 65,846 | 36.0 | 11.9 | 0.0 | 35.9 | 36.1 | 17.1 | 28.6 | 36.7 | 42.9 | 57.1 |
| | Male | 51,089 | 34.5 | 11.9 | 0.1 | 34.3 | 34.6 | 17.1 | 25.7 | 34.3 | 42.9 | 57.1 |
| | Total | 117,158 | 35.3 | 11.9 | 0.0 | 35.3 | 35.4 | 17.1 | 25.7 | 34.3 | 42.9 | 57.1 |
| Senior | Female | 80,767 | 39.1 | 12.3 | 0.0 | 39.0 | 39.2 | 20.0 | 31.4 | 40.0 | 48.6 | 60.0 |
| | Male | 61,511 | 36.7 | 12.5 | 0.1 | 36.6 | 36.8 | 17.1 | 28.6 | 37.1 | 45.7 | 60.0 |
| | Total | 142,510 | 38.1 | 12.4 | 0.0 | 38.0 | 38.1 | 17.1 | 28.6 | 37.1 | 45.7 | 60.0 |
| Learning Strategies | | | | | | | | | | | | |
| First-Year | Female | 58,934 | 39.7 | 13.7 | 0.1 | 39.6 | 39.8 | 20.0 | 26.7 | 40.0 | 53.3 | 60.0 |
| | Male | 45,234 | 36.5 | 13.5 | 0.1 | 36.3 | 36.6 | 13.3 | 26.7 | 40.0 | 46.7 | 60.0 |
| | Total | 104,374 | 38.3 | 13.7 | 0.0 | 38.2 | 38.4 | 20.0 | 26.7 | 40.0 | 46.7 | 60.0 |
| Senior | Female | 74,340 | 40.0 | 14.4 | 0.1 | 39.9 | 40.1 | 13.3 | 26.7 | 40.0 | 53.3 | 60.0 |
| | Male | 56,198 | 36.9 | 14.6 | 0.1 | 36.8 | 37.0 | 13.3 | 26.7 | 40.0 | 46.7 | 60.0 |
| | Total | 130,750 | 38.7 | 14.5 | 0.0 | 38.6 | 38.7 | 13.3 | 26.7 | 40.0 | 53.3 | 60.0 |
| Quantitative Reasoning | | | | | | | | | | | | |
| First-Year | Female | 59,728 | 26.5 | 15.4 | 0.1 | 26.4 | 26.6 | 0.0 | 20.0 | 26.7 | 40.0 | 60.0 |
| | Male | 45,947 | 30.1 | 14.8 | 0.1 | 30.0 | 30.2 | 6.7 | 20.0 | 26.7 | 40.0 | 60.0 |
| | Total | 105,889 | 28.1 | 15.3 | 0.0 | 28.0 | 28.2 | 0.0 | 20.0 | 26.7 | 40.0 | 60.0 |
| Senior | Female | 75,160 | 28.3 | 16.2 | 0.1 | 28.2 | 28.4 | 0.0 | 20.0 | 26.7 | 40.0 | 60.0 |
| | Male | 56,818 | 32.4 | 15.7 | 0.1 | 32.3 | 32.5 | 6.7 | 20.0 | 33.3 | 40.0 | 60.0 |
| | Total | 132,191 | 30.1 | 16.1 | 0.0 | 30.0 | 30.2 | 0.0 | 20.0 | 26.7 | 40.0 | 60.0 |
| Learning with Peers | | | | | | | | | | | | |
| Collaborative Learning | | | | | | | | | | | | |
| First-Year | Female | 69,603 | 32.7 | 15.1 | 0.1 | 32.6 | 32.8 | 5.0 | 20.0 | 35.0 | 45.0 | 60.0 |
| | Male | 54,359 | 32.2 | 14.6 | 0.1 | 32.1 | 32.3 | 5.0 | 20.0 | 30.0 | 40.0 | 60.0 |
| | Total | 124,190 | 32.4 | 14.9 | 0.0 | 32.3 | 32.5 | 5.0 | 20.0 | 30.0 | 40.0 | 60.0 |
| Senior | Female | 83,365 | 31.3 | 16.1 | 0.1 | 31.2 | 31.4 | 5.0 | 20.0 | 30.0 | 40.0 | 60.0 |
| | Male | 64,009 | 31.8 | 15.9 | 0.1 | 31.7 | 32.0 | 5.0 | 20.0 | 30.0 | 45.0 | 60.0 |
| | Total | 147,607 | 31.5 | 16.0 | 0.0 | 31.4 | 31.6 | 5.0 | 20.0 | 30.0 | 40.0 | 60.0 |
| Discussions with Diverse Others | | | | | | | | | | | | |
| First-Year | Female | 59,256 | 39.6 | 15.7 | 0.1 | 39.4 | 39.7 | 15.0 | 30.0 | 40.0 | 55.0 | 60.0 |
| | Male | 45,550 | 39.2 | 15.5 | 0.1 | 39.1 | 39.3 | 15.0 | 30.0 | 40.0 | 50.0 | 60.0 |
| | Total | 105,012 | 39.4 | 15.6 | 0.0 | 39.3 | 39.5 | 15.0 | 30.0 | 40.0 | 55.0 | 60.0 |
| Senior | Female | 74,496 | 40.2 | 16.0 | 0.1 | 40.1 | 40.3 | 15.0 | 30.0 | 40.0 | 55.0 | 60.0 |
| | Male | 56,387 | 39.7 | 16.1 | 0.1 | 39.6 | 39.9 | 10.0 | 30.0 | 40.0 | 55.0 | 60.0 |
| | Total | 131,096 | 40.0 | 16.0 | 0.0 | 39.9 | 40.1 | 15.0 | 30.0 | 40.0 | 55.0 | 60.0 |

Note: Results weighted by sex, enrollment status, and institution size.
 "Total" includes "Another" and "Unknown" institution-reported sex.

NSSE 2019 U.S. Engagement Indicator Descriptive Statistics by Class and Sex

| Theme/Engagement Indicator | | Mean Statistics | | | | 95% Conf. Interval | | Distribution Statistics (Percentile Scores) | | | | |
|-------------------------------------|--------|-----------------|------|------|-----|--------------------|-------|---|------|------|------|------|
| | | N | Mean | SD | SEM | Lower | Upper | 5 | 25 | 50 | 75 | 95 |
| Experiences with Faculty | | | | | | | | | | | | |
| Student-Faculty Interaction | | | | | | | | | | | | |
| First-Year | Female | 63,569 | 21.9 | 14.7 | 0.1 | 21.8 | 22.0 | 0.0 | 10.0 | 20.0 | 30.0 | 50.0 |
| | Male | 49,002 | 22.0 | 14.6 | 0.1 | 21.8 | 22.1 | 0.0 | 10.0 | 20.0 | 30.0 | 50.0 |
| | Total | 112,787 | 21.9 | 14.6 | 0.0 | 21.8 | 22.0 | 0.0 | 10.0 | 20.0 | 30.0 | 50.0 |
| Senior | Female | 78,717 | 24.4 | 16.2 | 0.1 | 24.3 | 24.5 | 0.0 | 10.0 | 20.0 | 35.0 | 60.0 |
| | Male | 59,530 | 23.8 | 16.0 | 0.1 | 23.6 | 23.9 | 0.0 | 10.0 | 20.0 | 35.0 | 55.0 |
| | Total | 138,472 | 24.1 | 16.1 | 0.0 | 24.0 | 24.2 | 0.0 | 10.0 | 20.0 | 35.0 | 55.0 |
| Effective Teaching Practices | | | | | | | | | | | | |
| First-Year | Female | 61,585 | 38.6 | 13.3 | 0.1 | 38.5 | 38.7 | 16.0 | 28.0 | 40.0 | 48.0 | 60.0 |
| | Male | 47,497 | 38.4 | 13.1 | 0.1 | 38.2 | 38.5 | 16.0 | 28.0 | 40.0 | 48.0 | 60.0 |
| | Total | 109,300 | 38.5 | 13.2 | 0.0 | 38.4 | 38.6 | 16.0 | 28.0 | 40.0 | 48.0 | 60.0 |
| Senior | Female | 77,151 | 40.2 | 13.8 | 0.0 | 40.1 | 40.3 | 16.0 | 32.0 | 40.0 | 52.0 | 60.0 |
| | Male | 58,369 | 39.1 | 13.7 | 0.1 | 39.0 | 39.2 | 16.0 | 32.0 | 40.0 | 48.0 | 60.0 |
| | Total | 135,740 | 39.7 | 13.7 | 0.0 | 39.7 | 39.8 | 16.0 | 32.0 | 40.0 | 52.0 | 60.0 |
| Campus Environment | | | | | | | | | | | | |
| Quality of Interactions | | | | | | | | | | | | |
| First-Year | Female | 55,455 | 42.9 | 11.9 | 0.1 | 42.8 | 43.0 | 20.0 | 36.0 | 44.0 | 52.0 | 60.0 |
| | Male | 42,255 | 43.6 | 11.8 | 0.1 | 43.4 | 43.7 | 22.0 | 36.0 | 45.0 | 52.0 | 60.0 |
| | Total | 97,895 | 43.2 | 11.9 | 0.0 | 43.1 | 43.3 | 20.0 | 36.0 | 44.0 | 52.0 | 60.0 |
| Senior | Female | 68,841 | 43.5 | 11.8 | 0.0 | 43.5 | 43.6 | 22.0 | 36.0 | 45.0 | 52.0 | 60.0 |
| | Male | 52,251 | 43.0 | 12.3 | 0.1 | 42.9 | 43.1 | 20.0 | 36.0 | 44.0 | 52.0 | 60.0 |
| | Total | 121,278 | 43.3 | 12.0 | 0.0 | 43.3 | 43.4 | 20.0 | 36.0 | 44.0 | 52.0 | 60.0 |
| Supportive Environment | | | | | | | | | | | | |
| First-Year | Female | 57,255 | 36.9 | 13.6 | 0.1 | 36.8 | 37.0 | 15.0 | 27.5 | 37.5 | 47.5 | 60.0 |
| | Male | 43,909 | 35.2 | 13.2 | 0.1 | 35.1 | 35.3 | 15.0 | 25.0 | 35.0 | 42.5 | 60.0 |
| | Total | 101,366 | 36.2 | 13.4 | 0.0 | 36.1 | 36.2 | 15.0 | 27.5 | 37.5 | 45.0 | 60.0 |
| Senior | Female | 72,795 | 32.9 | 14.1 | 0.1 | 32.8 | 33.0 | 10.0 | 22.5 | 32.5 | 42.5 | 60.0 |
| | Male | 55,258 | 31.6 | 14.1 | 0.1 | 31.5 | 31.7 | 7.5 | 20.0 | 32.5 | 40.0 | 57.5 |
| | Total | 128,263 | 32.4 | 14.1 | 0.0 | 32.3 | 32.4 | 10.0 | 22.5 | 32.5 | 40.0 | 57.5 |

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

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