
BCSSE 2024 - NSSE 2025 Combined Report

UNITID	School name
221740	The University of Tennessee at Chattanooga

BCSSE 2024 - NSSE 2025 Combined Report

About This Report

The BCSSE 2024-NSSE 2025 Combined Report summarizes the detailed information contained in your BCSSE and NSSE administrations, including survey details, cross-sectional results, longitudinal results, and participating institutions. This report is also available in your BCSSE Dashboard account. In the dashboard, you can view your institutional results and also create summary results by institutional characteristics for all other participating BCSSE-NSSE schools. Contact your BCSSE Campus Project Manager or email bcsse@iu.edu for more information.

Report Sections

Cross-Sectional Results (pages 3 - 10)

The cross-sectional results present item-by-item student responses and mean comparisons from your BCSSE and NSSE administrations. All respondents are included *whether they completed one or both surveys*, providing the best estimates of your students' precollege experiences and their engagement during the first year. With cross-sectional results displayed side-by-side, you can identify areas of correspondence and gaps in engagement for better understanding of the first-year student experience.

The cross-sectional results include the following sections:

1. Student expected major and first-year major, as well as student high school, expected, and actual first-year grades (all student-reported)
2. Item frequencies and means for BCSSE Scales and NSSE Engagement Indicators
3. Item frequencies and means for how students spend their time in a typical week

Longitudinal Results (pages 11 - 17)

The longitudinal results compare BCSSE and NSSE data only *for students who completed both surveys*. Means for BCSSE Scales and NSSE Engagement Indicators are grouped by expectations for grades, expectations for studying, and whether the expectations were met.

The longitudinal results include the following sections:

4. Student expected major and first-year major, as well as student high school, expected, and actual first-year grades (all student-reported)
5. BCSSE Scale and NSSE Engagement Indicator gaps
6. Gaps for how students expected to spend their time and how they actually did so in a typical week

Participating Institutions (page 18)

A complete list of institutions that participated in both BCSSE 2024 and NSSE 2025. In your BCSSE Dashboard account, summary results by institutional characteristics for all other participating BCSSE-NSSE schools are available. Contact your BCSSE Campus Project Manager or email bcsse@iu.edu for more information.

BCSSE Scales and NSSE Engagement Indicators

Five BCSSE Scales and their corresponding NSSE Engagement Indicators are included in the cross-sectional and longitudinal sections, providing valuable information about distinct aspects of student engagement. These include Quantitative Reasoning, Learning Strategies, Student-Faculty Interaction, Collaborative Learning, and Discussions with Diverse Others.

Each BCSSE Scale is a combination of three to four items and is constructed using the same approach as the NSSE Engagement Indicators. Each scale is scored on a range from 0 to 60. First, component items are converted to a 60-point scale (e.g., never=0, sometimes=20, often=40, and very often=60), and then averaged to create student-level scores. An institution's score is the average of the students' scores. Student-level scores for both the BCSSE Scales and NSSE indicators are included in your BCSSE-NSSE combined data file.

For more information about BCSSE, visit bcsse.iu.edu.

For more information about the Engagement Indicators, see your [NSSE Engagement Indicators](#) report.

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Cross-Sectional Results

The cross-sectional results include all respondents from BCSSE and NSSE, *whether they completed one or both surveys*. Your entering first-year students completed BCSSE last summer or shortly after fall classes started, and they completed NSSE this past winter or spring. The counts in the bottom row of each table below reflect all the data available from first-year student respondents. High school, expected, and actual first-year grades, as well as expected and first-year major are all self-reported. See your the Respondent Profile in your NSSE Institutional Report and Demographic and Background Characteristics in your BCSSE dashboard reports for more details regarding the student backgrounds and profile.

The cross-sectional results include the following sections:

1. Student expected major and first-year major, as well as student high school, expected, and actual first-year grades
2. Student time use: Expectations and experiences
3. Item frequencies and means for BCSSE Scales and NSSE Engagement Indicators

Overall Counts 935

Count	Count
BCSSE	524
NSSE	583

1. Student Major and Grades

Grades			
Metrics	High school (BCSSE)	Expected first-year (BCSSE)	Actual first-year (NSSE)
A	69%	29%	34%
A-	7%	27%	18%
B+	13%	24%	18%
B	9%	16%	16%
B-	1%	3%	5%
C+	0%	1%	5%
C or lower	0%	0%	4%
Total %	100%	100%	100%
Count	499	476	408

Major	
BCSSE	Count
Arts & Humanities	8%
Biological Science, Agriculture, & Natural Resources	11%
Business	17%
Communications, Media, & Public Relations	2%
Education	5%
Engineering	8%
Health Professions	18%
Other majors	7%
Physical Science, Mathematics, & Computer Science	4%
Social Sciences	8%
Social Service Professions	3%
Undecided/Undeclared	8%

Major	
NSSE	Count
Arts & Humanities	7%
Biological Science, Agriculture, & Natural Resources	8%
Business	20%
Communications, Media, & Public Relations	3%
Education	6%
Engineering	7%
Health Professions	21%
Other majors	4%
Physical Science, Mathematics, & Computer Science	3%
Social Sciences	14%
Social Service Professions	6%
Undecided/Undeclared	2%

BCSSE 2024 - NSSE 2025 Combined Report

Cross-Sectional Results

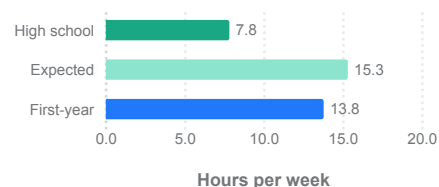
2. Student Time Use: Expectations and Experiences

(See the [BCSSE](#) and [NSSE](#) websites for more details regarding these items.)

Hours in a typical 7-day week preparing for class

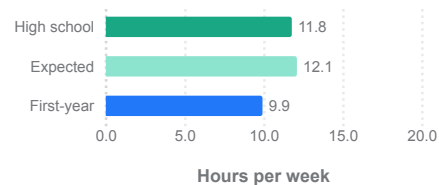
	Count	0	1-5	6-10	11-15	16+	Total
a. High school (BCSSE)	514	2%	44%	30%	13%	11%	100%
b. Expected (BCSSE)	512	1%	6%	22%	25%	46%	100%
c. First-year (NSSE)	417	0%	15%	25%	22%	38%	100%

Mean hours per week



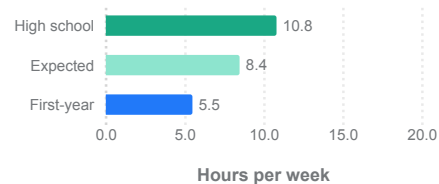
Hours in a typical 7-day week working for pay

	Count	0	1-5	6-10	11-15	16+	Total
a. High school (BCSSE)	512	25%	11%	11%	14%	39%	100%
b. Expected (BCSSE)	511	15%	11%	17%	22%	35%	100%
c. First-year (NSSE)	415	44%	7%	10%	8%	27%	100%



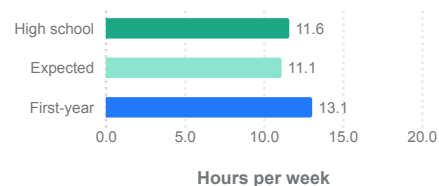
Hours in a typical 7-day week participating in co-curricular activities

	Count	0	1-5	6-10	11-15	16+	Total
a. High school (BCSSE)	514	13%	24%	20%	17%	26%	100%
b. Expected (BCSSE)	512	11%	27%	31%	16%	15%	100%
c. First-year (NSSE)	418	34%	33%	15%	9%	10%	100%



Hours in a typical 7-day week relaxing and socializing

	Count	0	1-5	6-10	11-15	16+	Total
a. High school (BCSSE)	513	1%	22%	34%	18%	25%	100%
b. Expected (BCSSE)	511	1%	19%	35%	23%	22%	100%
c. First-year (NSSE)	415	1%	19%	26%	20%	34%	100%



3. Item Frequencies and Means for BCSSE Scales and NSSE Engagement Indicators

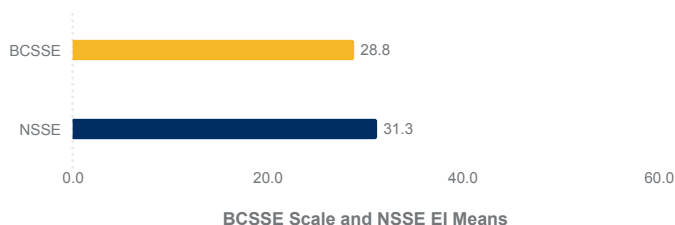
BCSSE Scales

(See the [BCSSE Scales and Psychometric Report](#) for additional information.)

NSSE Engagement Indicators

(See [NSSE Engagement Indicators](#) for additional information.)

Quantitative Reasoning ⓘ



Quantitative Reasoning ⓘ

Scale and EI	Count	Mean	StDev
BCSSE Scale	470	28.8	14.86
NSSE Engagement Indicator	450	31.3	15.67

BCSSE - During the coming school year, about how often do you expect to do the following?

Items	Count	Mean	StDev	Very often	Often	Sometimes	Never	Total
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	513	2.7	0.85	18%	41%	33%	8%	100%
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	513	2.3	0.90	11%	28%	42%	19%	100%
c. Evaluated what others have concluded from numerical information	511	2.3	0.89	9%	30%	41%	20%	100%

NSSE - During the current school year, about how often have you done the following?

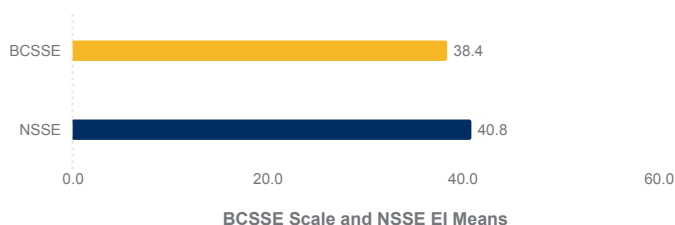
Items	Count	Mean	StDev	Very often	Often	Sometimes	Never	Total
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	458	2.7	0.87	21%	36%	36%	7%	100%
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	454	2.5	0.90	16%	34%	37%	13%	100%
c. Evaluated what others have concluded from numerical information	451	2.5	0.91	15%	31%	40%	14%	100%

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Cross-Sectional Results

3. Item Frequencies and Means for BCSSE Scales and NSSE Engagement Indicators *(continued)*

Learning Strategies ⓘ



Learning Strategies ⓘ

Scale and EI	Count	Mean	StDev
BCSSE Scale	473	38.4	12.48
NSSE Engagement Indicator	440	40.8	13.38

BCSSE - During your last year of high school, about how often did you do the following?

Items	Count	Mean	StDev	Very often	Often	Sometimes	Never	Total
a. Identified key information from reading assignments	513	3.1	0.76	33%	46%	19%	2%	100%
b. Reviewed your notes after class	514	2.8	0.85	24%	36%	36%	4%	100%
c. Summarized what you learned in class or from course materials	513	2.8	0.82	23%	42%	31%	4%	100%

NSSE - During the current school year, about how often have you done the following?

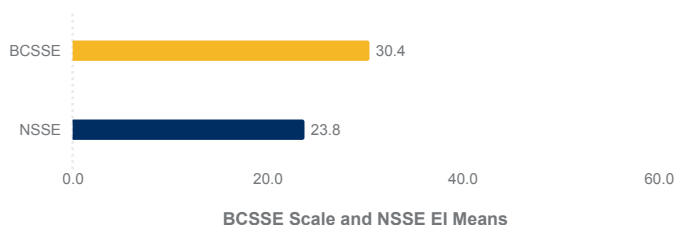
Items	Count	Mean	StDev	Very often	Often	Sometimes	Never	Total
a. Identified key information from reading assignments	442	3.1	0.76	31%	46%	21%	2%	100%
b. Reviewed your notes after class	442	3.1	0.86	39%	33%	25%	3%	100%
c. Summarized what you learned in class or from course materials	441	3.0	0.81	28%	43%	26%	3%	100%

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Cross-Sectional Results

3. Item Frequencies and Means for BCSSE Scales and NSSE Engagement Indicators *(continued)*

Student-Faculty Interaction ⓘ



Student-Faculty Interaction ⓘ

Scale and EI	Count	Mean	StDev
BCSSE scale	475	30.4	11.71
NSSE Engagement Indicator	492	23.8	15.34

BCSSE - During the coming school year, about how often do you expect to do the following?

Items	Count	Mean	StDev	Very often	Often	Sometimes	Never	Total
a. Talk about career plans with a faculty member	510	2.7	0.73	14%	40%	44%	2%	100%
b. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	511	2.4	0.75	9%	28%	56%	8%	100%
c. Discuss course topics, ideas, or concepts with a faculty member outside of class	511	2.5	0.74	9%	34%	51%	6%	100%
d. Discuss your academic performance with a faculty member	510	2.6	0.75	14%	40%	43%	3%	100%

NSSE - During the current school year, about how often have you done the following?

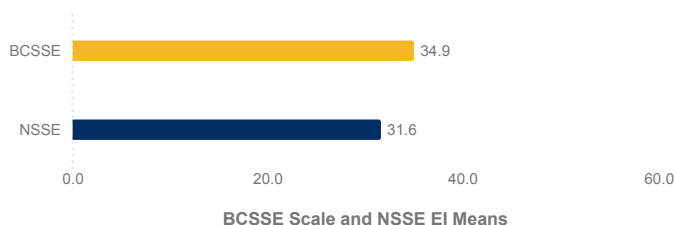
Items	Count	Mean	StDev	Very often	Often	Sometimes	Never	Total
a. Talked about career plans with a faculty member	505	2.5	0.95	19%	27%	41%	14%	100%
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	507	1.9	0.94	8%	15%	36%	41%	100%
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	496	2.1	0.94	10%	20%	40%	30%	100%
d. Discussed your academic performance with a faculty member	497	2.3	0.92	12%	24%	44%	20%	100%

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Cross-Sectional Results

3. Item Frequencies and Means for BCSSE Scales and NSSE Engagement Indicators *(continued)*

Collaboration with Peers ⓘ



Collaboration with Peers ⓘ

Scale and EI	Count	Mean	StDev
BCSSE scale	475	34.9	11.15
NSSE Engagement Indicator	562	31.6	15.00

BCSSE - During the coming school year, about how often do you expect to do the following?

Items	Count	Mean	StDev	Very often	Often	Sometimes	Never	Total
a. Ask another student to help you understand course material	512	2.7	0.72	14%	46%	38%	2%	100%
b. Explain course material to one or more students	512	2.5	0.69	8%	34%	55%	3%	100%
c. Prepare for exams by discussing or working through course material with other students	512	2.9	0.76	24%	47%	27%	2%	100%
d. Work with other students on course projects or assignments	511	2.9	0.73	20%	50%	28%	1%	100%

NSSE - During the current school year, about how often have you done the following?

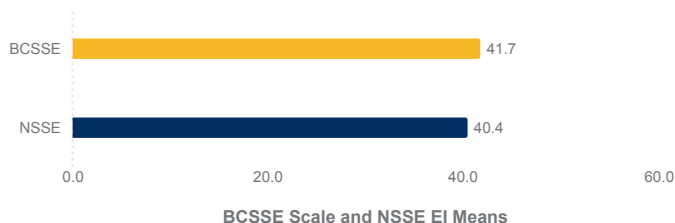
Items	Count	Mean	StDev	Very often	Often	Sometimes	Never	Total
a. Ask another student to help you understand course material	579	2.6	0.93	20%	29%	40%	11%	100%
b. Explain course material to one or more students	579	2.6	0.88	18%	31%	42%	8%	100%
c. Prepare for exams by discussing or working through course material with other students	573	2.5	1.00	20%	29%	33%	17%	100%
d. Work with other students on course projects or assignments	567	2.6	0.89	17%	35%	38%	10%	100%

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Cross-Sectional Results

3. Item Frequencies and Means for BCSSE Scales and NSSE Engagement Indicators *(continued)*

Discussions with Diverse Others ⓘ



Discussions with Diverse Others ⓘ

Scale and EI	Count	Mean	StDev
BCSSE scale	474	41.7	13.05
NSSE Engagement Indicator	445	40.4	15.75

BCSSE - During the coming school year, about how often do you expect to have discussions with people from the following groups?

Items	Count	Mean	StDev	Very often	Often	Sometimes	Never	Total
a. People of a race or ethnicity other than your own	511	3.2	0.72	38%	47%	14%	1%	100%
b. People from an economic background other than your own	511	3.2	0.73	38%	46%	15%	1%	100%
c. People with religious beliefs other than your own	510	3.1	0.79	34%	42%	22%	2%	100%
d. People with political views other than your own	511	3.0	0.78	29%	45%	24%	2%	100%
e. People with sexual orientations other than your own*	511	3.0	0.89	33%	34%	28%	5%	100%
f. People from countries other than your own*	510	2.9	0.79	27%	42%	29%	2%	100%

BCSSE 2024 - NSSE 2025 Combined Report

Cross-Sectional Results

3. Item Frequencies and Means for BCSSE Scales and NSSE Engagement Indicators *(continued)*

NSSE - During the current school year, about how often have you had discussions with people from the following groups?

Items	Count	Mean	StDev	Very often	Often	Sometimes	Never	Total
a. People of a race or ethnicity other than your own	450	3.1	0.86	38%	34%	24%	3%	100%
b. People from an economic background other than your own	446	3.1	0.87	38%	37%	21%	4%	100%
c. People with religious beliefs other than your own	447	3.0	0.90	35%	32%	29%	4%	100%
d. People with political views other than your own	446	3.0	0.91	35%	30%	30%	5%	100%
e. People with sexual orientations other than your own*	446	2.9	0.97	35%	30%	26%	9%	100%
f. People from countries other than your own*	447	2.4	0.95	18%	23%	45%	15%	100%

* Not included in the EI scale score

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Longitudinal Results

The longitudinal results compare BCSSE and NSSE data only *for students who completed both surveys*. Means for BCSSE Scales and NSSE Engagement Indicators are grouped by expectations for grades, expectations for studying, and whether the expectations were met. High school, expected, and actual first-year grades, as well as expected and first-year major are all self-reported. The student backgrounds and profile can be further investigated using your BCSSE-NSSE longitudinal data file.

The longitudinal results include the following sections:

1. Student expected major and first-year major, as well as student high school, expected, and actual first-year grades
2. BCSSE and NSSE Engagement Indicator means and group frequencies
3. BCSSE Scale and NSSE Engagement Indicator gaps
4. Gaps for how students expected to spend their time and how they actually did so in a typical week

Overall Counts

Count	Count
BCSSE	172
NSSE	172

1. Student Majors and Grades

Grades

Metrics	High school (BCSSE)	Expected first-year (BCSSE)	Actual first-year (NSSE)
A	75%	27%	42%
A-	6%	31%	20%
B+	12%	23%	17%
B	5%	14%	10%
B-	1%	4%	5%
C+	1%	1%	2%
C or lower	0%	0%	4%
Total %	100%	100%	100%
Count	162	163	128

Major

BCSSE	Count
Arts & Humanities	12%
Biological Science, Agriculture, & Natural Resources	11%
Business	13%
Communications, Media, & Public Relations	2%
Education	7%
Engineering	8%
Health Professions	22%
Other majors	7%
Physical Science, Mathematics, & Computer Science	5%
Social Sciences	8%
Social Service Professions	2%
Undecided/Undeclared	4%

Major

NSSE	Count
Arts & Humanities	11%
Biological Science, Agriculture, & Natural Resources	12%
Business	15%
Communications, Media, & Public Relations	2%
Education	5%
Engineering	8%
Health Professions	26%
Other majors	1%
Physical Science, Mathematics, & Computer Science	4%
Social Sciences	13%
Social Service Professions	4%

2. Interpreting BCSSE Scale and NSSE Engagement Indicators

The sample results below are a guide to interpret the results on page 13.

- 1. Scale and Engagement Indicators:** This table reports your longitudinal results for BCSSE Scales and NSSE Engagement Indicators (EI).
- 2. BCSSE Scales and NSSE Engagement Indicator Means:** The counts, means, and standard deviations for each scale and engagement indicator. Scores for both the BCSSE Scales and NSSE Engagement Indicators range from 0 to 60, with increasing values indicating increasing expected engagement (BCSSE) and actual engagement (NSSE).
- 3. BCSSE Scale and NSSE Engagement Indicators Groupings:** BCSSE and NSSE respondents are assigned to one of four groups (0-15, 16-30, etc.) based on their BCSSE Scale and NSSE Engagement Indicator scores.

BCSSE Scales								
BCSSE_Scales	Count	Mean	StDev	0-15	16-30	31-45	46-60	Total %
a. Quantitative Reasoning	582	27.0	14.31	22%	36%	32%	9%	100%
b. Learning Strategies	584	35.7	17.74	7%	28%	41%	25%	100%
c. Collaborative Learning	576	33.1	12.13	5%	44%	38%	12%	100%
d. Student-Faculty Interaction	576	28.5	13.02	15%	49%	28%	8%	100%
e. Discussions with Diverse Others	574	40.9	14.11	2%	22%	41%	35%	100%

NSSE Engagement Indicators								
NSSE_EIs	Count	Mean	StDev	0-15	16-30	31-45	46-60	Total %
Quantitative Reasoning	578	32.5	16.29	12%	34%	36%	18%	100%
Learning Strategies	575	38.6	14.54	3%	23%	45%	29%	100%
Collaborative Learning	650	31.0	16.83	17%	37%	29%	16%	100%
Student-Faculty Interaction	607	26.3	16.79	31%	34%	24%	12%	100%
Discussions with Diverse Others	578	38.3	16.47	8%	26%	38%	29%	100%

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Longitudinal Results

2. BCSSE Scale and NSSE Engagement Indicators

BCSSE Scales

BCSSE_Scales	Count	Mean	StDev	0-15	16-30	31-45	46-60	Total %
a. Quantitative Reasoning	161	29.6	14.78	19%	33%	35%	14%	100%
b. Learning Strategies	163	38.5	12.16	2%	23%	43%	32%	100%
c. Collaborative Learning	163	34.5	10.67	2%	41%	45%	12%	100%
d. Student-Faculty Interaction	163	30.4	11.24	7%	56%	28%	10%	100%
e. Discussions with Diverse Others	163	41.0	13.29	2%	20%	40%	38%	100%

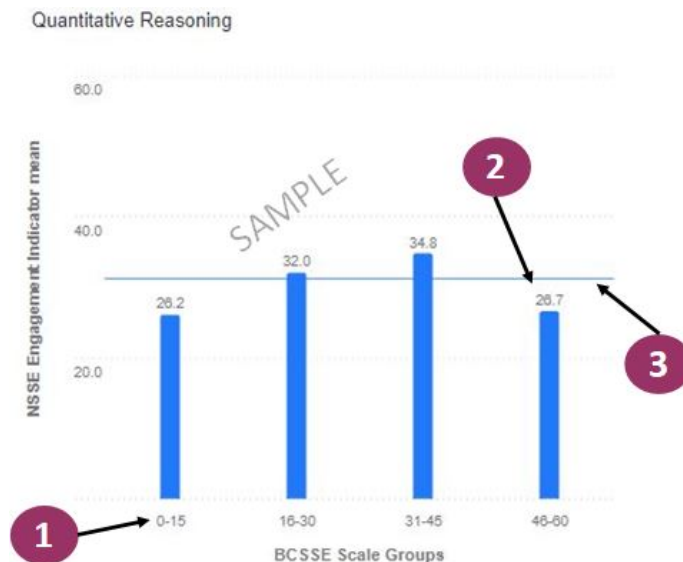
NSSE Engagement Indicators

NSSE_Els	Count	Mean	StDev	0-15	16-30	31-45	46-60	Total %
a. Quantitative Reasoning	141	31.3	14.34	9%	43%	31%	17%	100%
b. Learning Strategies	137	39.9	13.01	3%	21%	42%	34%	100%
c. Collaborative Learning	170	32.0	14.94	16%	36%	32%	15%	100%
d. Student-Faculty Interaction	154	23.7	14.73	36%	38%	18%	8%	100%
e. Discussions with Diverse Others	138	40.7	15.85	6%	24%	35%	36%	100%

Interpreting BCSSE Scale and NSSE Engagement Indicator Gaps

The sample results below are a guide to interpret the results on page 15.

- BCSSE Scale Groupings:** BCSSE respondents are assigned to one of four groups (0-15, 16-30, etc.) based on their BCSSE Scale scores. BCSSE Scales are scored from 0 to 60, with increasing values indicating increasing engagement.
- NSSE Engagement Indicator Means:** The columns display the NSSE EI mean for each BCSSE group. The graph reveals potential gaps between BCSSE Scale scores and NSSE EI scores. For instance, in the sample below, entering first-year students with high school Quantitative Reasoning scores between 46-60 averaged 26.7 on NSSE months later, below the overall mean.
- Overall NSSE Engagement Indicator Mean:** The horizontal line represents the mean EI score for all longitudinal respondents from your institution.

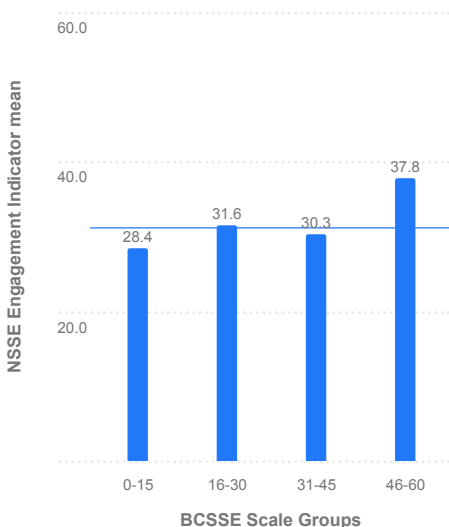


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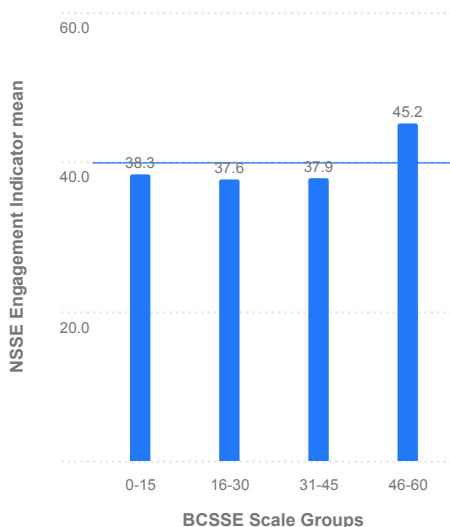
Longitudinal Results

Interpreting BCSSE Scale and NSSE Engagement Indicator Gaps

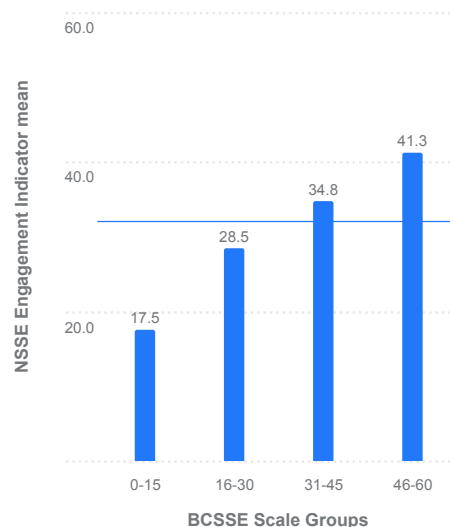
Quantitative Reasoning



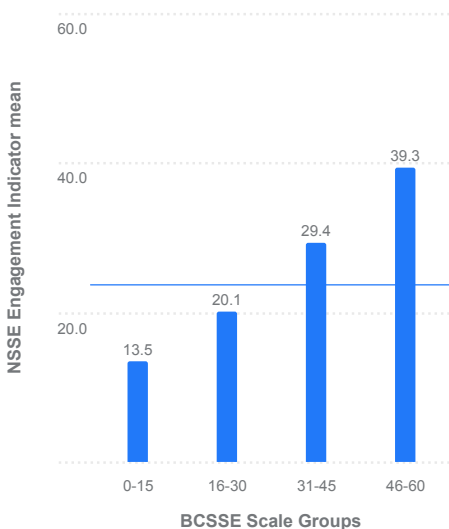
Learning Strategies



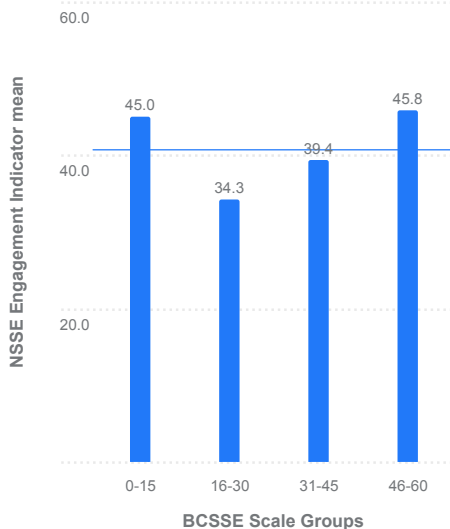
Collaborative Learning



Student-Faculty Interaction



Discussions with Diverse Others



Interpreting Student Time Use: Expectations and Experiences

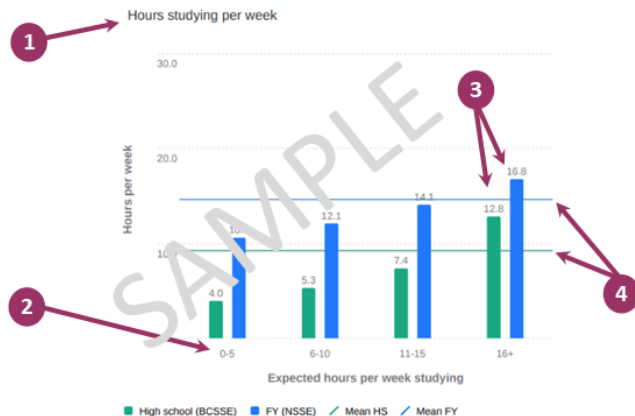
The sample results below are a guide to interpret the results on page 17.

1. Student Time Use Activity: These graphs include the items that indicate how students expected to and spent their time in a typical week. The counts for each group (0-5, 6-10, etc.) can be found in the BCSSE Dashboard, the online version of these reports.

2. BCSSE Expected Hours Groupings: BCSSE respondents are organized into one of four groups (0-5, 6-10, etc.) based on their expected hours per week in the activity.

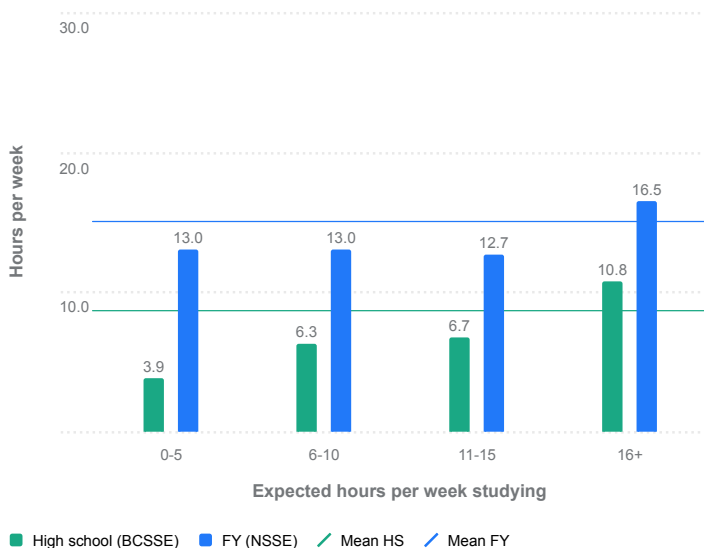
3. High School and First-Year Mean Hours per Week: The columns display the high school (BCSSE) and first-year (NSSE) mean for hours week in each activity. The graph reveals potential gaps between high school and first-year means with expected hours per week. For instance, in the sample below, entering first-year students who expected to study 16 or more hours per week during their first year studied an average of 12.8 hours per week in high school, well above the overall high school average (green line). These students also studied an average of 16.8 hours per week during the first year, higher than the overall first-year average (blue line). Students in this group on average met their expectation of studying 16 or more hours per week.

4. Overall High School and First-Year Mean: The horizontal green line represents the mean hours per week studying in high school and the blue line represents the mean hours per week studying during their first year for your respondents.

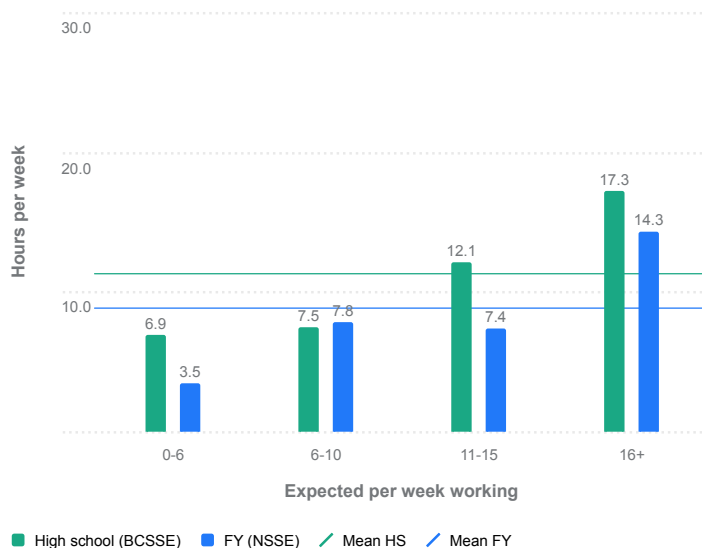


3. Student Time Use: Expectations and Experiences

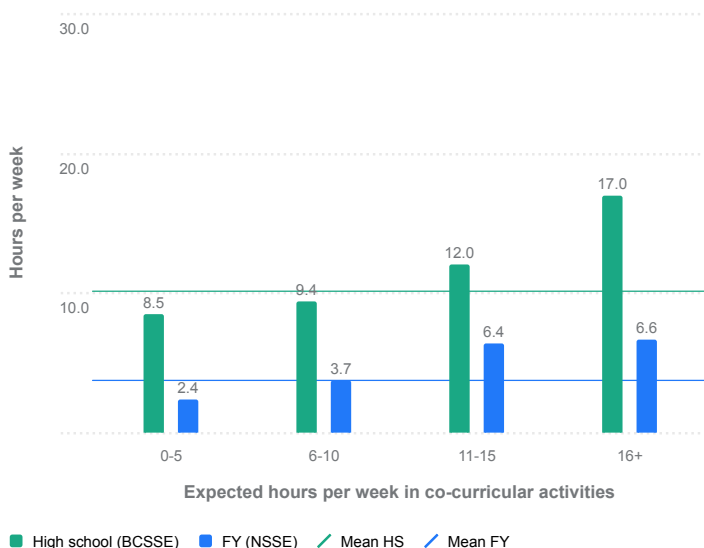
Hours studying per week



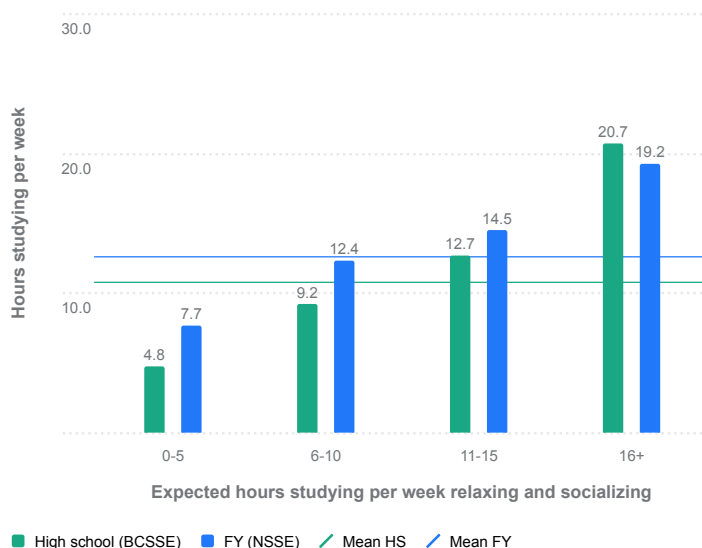
Hours working per week



Hours in co-curricular activities per week



Hours relaxing/socializing per week



BCSSE - NSSE Combined Report

Participating Institutions

Below is the list of institutions that participated in both BCSSE 2024 and NSSE 2025. In your BCSSE Dashboard account, summary results by institutional characteristics for all other participating BCSSE-NSSE schools are available. Contact your BCSSE Campus Project Manager or email bcsse@iu.edu for more information.

Baccalaureate - Granting Universities

Holy Cross College at Notre Dame, IN
Goucher College
Emmanuel College
Northwood University
Concordia College at Moorhead
Saint Anselm College
Catawba College
Susquehanna University
University of South Carolina Beaufort

Masters - Granting Universities

California Polytechnic State University-San Luis Obispo
California State University, Chico
California State University, Sacramento
Mount Saint Mary's University
Clayton State University
Grace College
Bentley University
Northern Michigan University
Northwest Missouri State University
Rocky Mountain College
St. Bonaventure University
Fayetteville State University
Salve Regina University
Southern Adventist University
California State University-Channel Islands

Doctorate - Granting Universities

The University of Alabama in Huntsville
Florida A&M University
University of North Florida
Mercer University
Indiana State University
Northern Kentucky University
University of Maryland, Baltimore County
Suffolk University
Central Michigan University
University of Missouri-St. Louis
Missouri State University
Wake Forest University
Pacific University
Gwynedd Mercy University
La Salle University
The University of Tennessee at Chattanooga
Texas A&M University - Corpus Christi