BCSSE 2021-NSSE 2022 Combined Report

College of Charleston

The BCSSE 2021-NSSE 2022 Combined Report summarizes the detailed information contained in your BCSSE and NSSE administrations, including survey details, cross-sectional results, longitudinal results, and participating institutions.

Report Sections

Cross-Sectional Results (pages 3 - 7)

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. Demographics and other student identities and experiences (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 8 - 12)

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:
1. Demographics and other student identities and experiences (all student-reported)
2. BCSSE Scale and NSSE Engagement Indicator gaps
3. Gaps for how students expected to spend their time and how they actually did so in a typical week

Participating Institutions (page 13)

A complete list of institutions that completed both BCSSE 2021 and NSSE 2022.

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.indiana.edu.

For more information about the Engagement Indicators, see your NSSE Engagement Indicators report or visit nsse.indiana.edu/nsse/survey-instruments/engagementindicators.html

BCSSE
beginning college survey
of student engagement

Student Identities and Experiences

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 at the top of each table below reflect all the data available from first-year student respondents. All demographic variables are student-reported.

First-generation (neither parent has completed a bachelor's degree)

	BCSSE	NSSE
Count	177	577
Continuing generation	75%	70%
First-generation	25%	30%
Total %	100%	100%

Gender identity

	BCSSE	NSSE
Count	178	578
Man	16.3%	17.1%
Woman	79.8%	80.3%
Another gender identity	2.8%	1.6%
I prefer not to respond	1.1%	1.0%
Total %	100%	100%

Major category

	BCSSE	NSSE
Count	133	595
Arts & Humanities	7.5%	10.3%
Biological Sciences	24.1%	16.6%
Physical Science, Mathematics, and Computer Science	8.3%	6.2%
Social Sciences	24.8%	19.8%
Business	19.5%	18.8%
Communication, Media, & Public Relations	2.3%	5.5%
Education	5.3%	6.1%
Engineering	0.8%	0.7%
Health Professions	5.3%	10.3%
Social Service Professions	0.0%	0.5%
All Other	2.3%	1.5%
Total %	100%	100%

Racial and ethnic identity

	BCSSE	NSSE
Count	178	575
American Indian or Alaskan Native	0.0%	0.5%
Asian	3.4%	2.3%
Black or African American	7.3%	6.4%
Hispanic or Latino	2.2%	3.3%
Middle Eastern or North African	0.0%	0.0%
Native Hawaiian or Other Pacific Islander	0.0%	0.2%
White	78.1%	76.0%
Other	0.0%	1.0%
Multiracial	8.4%	8.7%
Prefer not to respond	0.6%	1.6%
Total %	100%	100%

BCSSE Scales
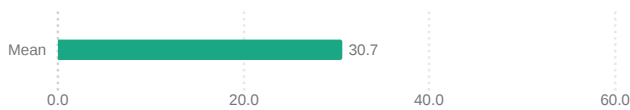
NSSE Engagement Indicators

High School Quantitative Reasoning

Mean — 30.7

| 0.0 | 20.0 | 40.0 | 60.0 |

First-Year Quantitative Reasoning

Mean — 30.6

| 0.0 | 20.0 | 40.0 | 60.0 |

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

	Very often/ Often	Sometimes/ Never	Total
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	55%	45%	100%
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	45%	55%	100%
c. Evaluated what others have concluded from numerical information	45%	55%	100%

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

	Very often/ Often	Sometimes/ Never	Total
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	53%	47%	100%
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	50%	50%	100%
c. Evaluated what others have concluded from numerical information	48%	52%	100%

High School Learning Strategies

Mean — 41.2

| 0.0 | 20.0 | 40.0 | 60.0 |

First-Year Learning Strategies

Mean — 40.0

| 0.0 | 20.0 | 40.0 | 60.0 |

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

	Very often/ Often	Sometimes/ Never	Total
a. Identified key information from reading assignments	85%	15%	100%
b. Reviewed your notes after class	68%	32%	100%
c. Summarized what you learned in class or from course materials	69%	31%	100%

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

	Very often/ Often	Sometimes/ Never	Total
a. Identified key information from reading assignments	77%	23%	100%
b. Reviewed your notes after class	71%	29%	100%
c. Summarized what you learned in class or from course materials	72%	28%	100%

BCSSE 2021-NSSE 2022 Combined Report
Cross-Sectional Results

BCSSE Scales

NSSE Engagement Indicators

Expected Student-Faculty Interaction

Mean		34.5

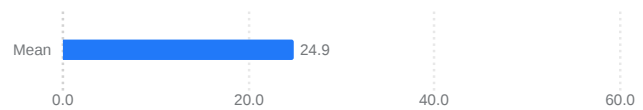First-Year Student-Faculty Interaction

Mean		24.9

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

	Very often/ Often	Sometimes/ Never	Total
a. Talk about career plans with a faculty member	74.2%	25.8%	100%
b. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	52.7%	47.3%	100%
c. Discuss course topics, ideas, or concepts with a faculty member outside of class	47.8%	52.2%	100%
d. Discuss your academic performance with a faculty member	63.4%	36.6%	100%

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

	Very often/ Often	Sometimes/ Never	Total
a. Talked about career plans with a faculty member	46.3%	53.7%	100%
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	25.9%	74.1%	100%
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	32.6%	67.4%	100%
d. Discussed your academic performance with a faculty member	40.8%	59.2%	100%

Expected Collaborative Learning

Mean		36.8

First-Year Collaborative Learning
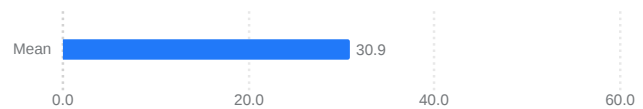
Mean		30.9

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

	Very often/ Often	Sometimes/ Never	Total
a. Ask another student to help you understand course material	60.8%	39.2%	100%
b. Explain course material to one or more students	51.6%	48.4%	100%
c. Prepare for exams by discussing or working through course material with other students	82.8%	17.2%	100%
d. Work with other students on course projects or assignments	69.2%	30.8%	100%

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

	Very often/ Often	Sometimes/ Never	Total
a. Ask another student to help you understand course material	46.5%	53.5%	100%
b. Explain course material to one or more students	49.7%	50.3%	100%
c. Prepare for exams by discussing or working through course material with other students	42.1%	57.9%	100%
d. Work with other students on course projects or assignments	54.5%	45.5%	100%

BCSSE 2021-NSSE 2022 Combined Report
Cross-Sectional Results

BCSSE Scales

Expected Discussions with Diverse Others

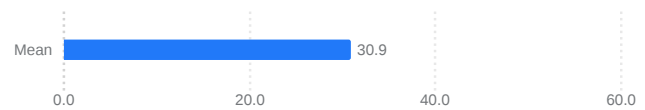|	
Mean	47.7

0.0　　20.0　　40.0　　60.0

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

	Very often/ Often	Sometimes/ Never	Total
a. People of a race or ethnicity other than your own	94.1%	5.9%	100%
b. People from an economic background other than your own	93.5%	6.5%	100%
c. People with religious beliefs other than your own	87.6%	12.4%	100%
d. People with political views other than your own	76.9%	23.1%	100%

NSSE Engagement Indicators

First-Year Discussions with Diverse Others

Mean	30.9

0.0　　20.0　　40.0　　60.0

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

|	Very often/ Often	Sometimes/ Never	Total
a. People of a race or ethnicity other than your own	69.7%	30.3%	100%
b. People from an economic background other than your own	75.6%	24.4%	100%
c. People with religious beliefs other than your own	72.4%	27.6%	100%
d. People with political views other than your own	67.1%	32.9%	100%

Student Time Use: Expectations and Experiences

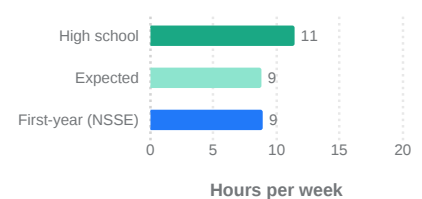### Hours in a typical 7-day week preparing for class

	0	1-5	6-10	11-15	16+	Total
a. High School (BCSSE)	2%	35%	31%	17%	14%	100%
b. Expected (BCSSE)	0%	3%	11%	30%	56%	100%
c. First-year (NSSE)	0%	9%	23%	22%	45%	100%

Mean hours per week

High School — 9
Expected — 17
First-year (NSSE) — 15

Hours per week
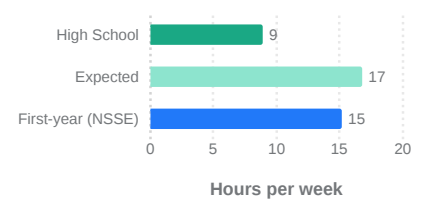
Hours in a typical 7-day week working for pay

	0	1-5	6-10	11-15	16+	Total
a. High school (BCSSE)	26%	11%	14%	12%	37%	100%
b. Expected (BCSSE)	27%	15%	22%	15%	22%	100%
c. First-year (NSSE)	55%	5%	6%	7%	21%	100%

High school — 11
Expected — 9
First-year (NSSE) — 9

Hours per week

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

	0	1-5	6-10	11-15	16+	Total
a. High school (BCSSE)	13%	29%	19%	17%	22%	100%
b. Expected (BCSSE)	8%	25%	33%	20%	14%	100%
c. First-year (NSSE)	31%	36%	14%	8%	11%	100%

High school — 9
Expected — 9
First-year (NSSE) — 6

Hours per week
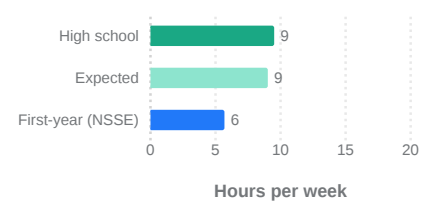
Hours in a typical 7-day week relaxing and socializing

	0	1-5	6-10	11-15	16+	Total
a. High school (BCSSE)	0%	16%	35%	20%	29%	100%
b. Expected (BCSSE)	1%	13%	33%	31%	22%	100%
c. First-year (NSSE)	2%	14%	26%	26%	33%	100%

High school — 13
Expected — 12
First-year (NSSE) — 14

Hours per week
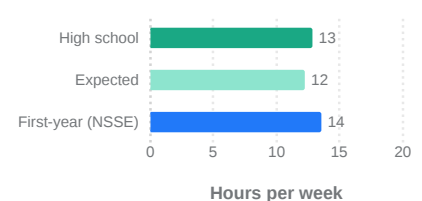
Student Identities and Experiences

The longitudinal results include all respondents who completed both BCSSE and NSSE 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 at the top of each table below reflect all the longitudinal data available for first-year students on your campus. All demographic variables are student-reported.

First-generation (neither parent completed a bachelor's degree)

	BCSSE	NSSE
Count	92	98
Continuing generation	76.1%	71.4%
First-generation	23.9%	28.6%
Total %	100%	100%

Gender identity

	BCSSE	NSSE
Count	93	98
Man	8.6%	11.2%
Woman	87.1%	87.8%
Another gender identity	3.2%	1.0%
I prefer not to respond	1.1%	0.0%
Total %	100%	100%

Major

	BCSSE	NSSE
Count	70	99
Arts & Humanities	7.1%	10.1%
Biological Sciences	22.9%	19.2%
Physical Science, Mathematics, and Computer Science	11.4%	6.1%
Social Sciences	24.3%	26.3%
Business	20.0%	16.2%
Communication, Media, & Public Relations	2.9%	8.1%
Education	5.7%	5.1%
Engineering	0.0%	1.0%
Health Professions	2.9%	4.0%
Social Service Professions	0.0%	0.0%
All Other	2.9%	1.0%
Total %	100%	100%

Racial and ethnic identity

	BCSSE	NSSE
Count	93	98
American Indian or Alaskan Native	0.0%	0.0%
Asian	4.3%	3.1%
Black or African American	7.5%	5.1%
Hispanic or Latino	3.2%	4.1%
Middle Eastern or North African	0.0%	0.0%
Native Hawaiian or Other Pacific Islander	0.0%	0.0%
White	74.2%	72.4%
Another Identity	0.0%	1.0%
Multiracial	9.7%	13.3%
Prefer not to respond	1.1%	1.0%
Total %	100%	100%

Interpreting BCSSE Scale and NSSE Engagement Indicator Gaps

The sample results below are a guide to interpret the results on pages 10.

1. **Scale and Engagement Indicator Counts:** This table reports the longitudinal counts, the number of students who completed both surveys.

2. **BCSSE Scale Quartiles:** BCSSE respondents are grouped into one of four quartiles (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. The counts for each quartile can be found in the BCSSE Dashboard, the online version of these reports.

3. **NSSE Engagement Indicator Means:** The columns display the NSSE EI mean for each BCSSE quartile group. The graph reveals potential gaps between BCSSE Scale scores and NSSE EI scores. For example, entering first-year students with high school Quantitative Reasoning scores between 46-60 reported months later an average of 39.1 on NSSE, well above the overall mean.

4. **Overall NSSE Engagement Indicator Mean:** The horizontal line represents the mean EI score for all longitudinal respondents.
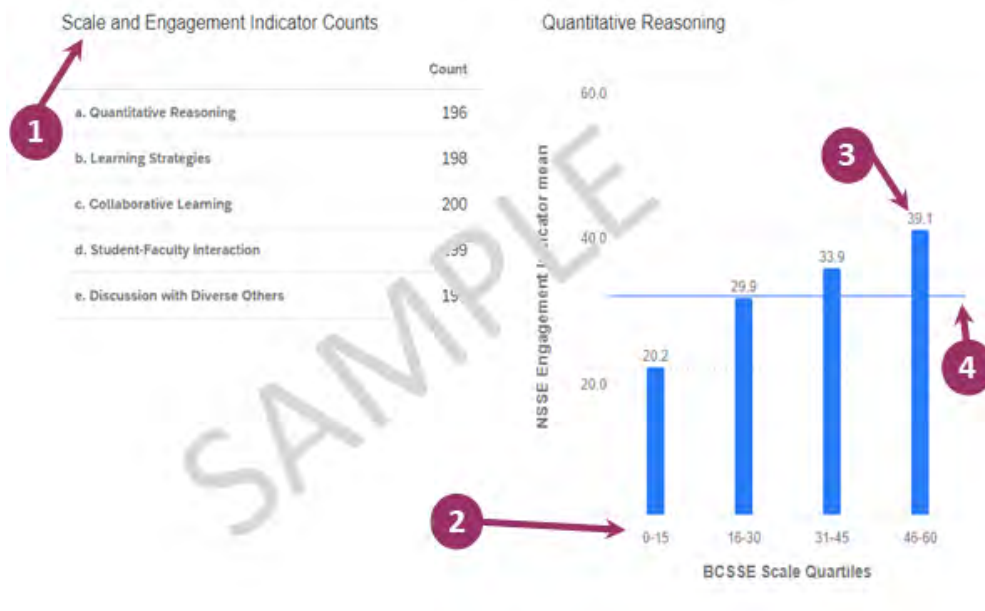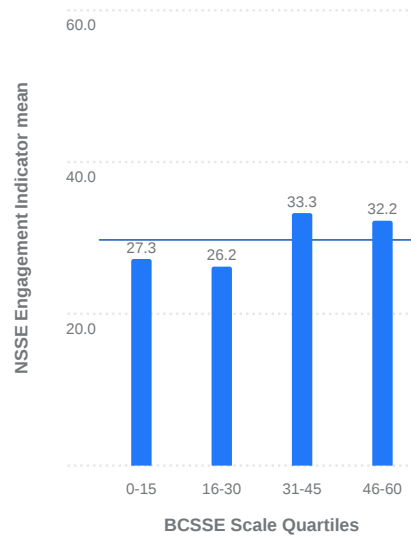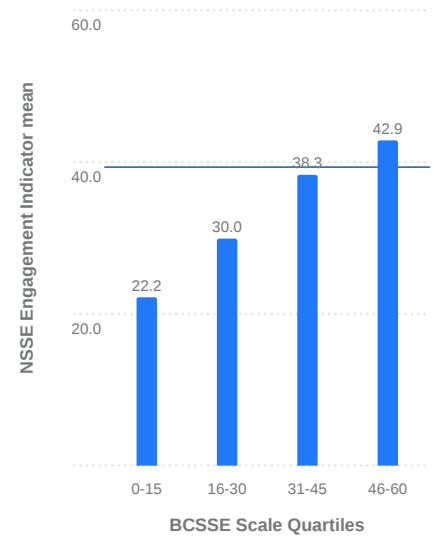
BCSSE Scale and NSSE Engagement Indicator Gaps

Scale and Engagement Indicator Counts

	Count
a. Quantitative Reasoning	94
b. Learning Strategies	94
c. Collaborative Learning	93
d. Student-Faculty Interaction	93
e. Discussion with Diverse Others	93

Quantitative Reasoning

Learning Strategies

Collaborative Learning

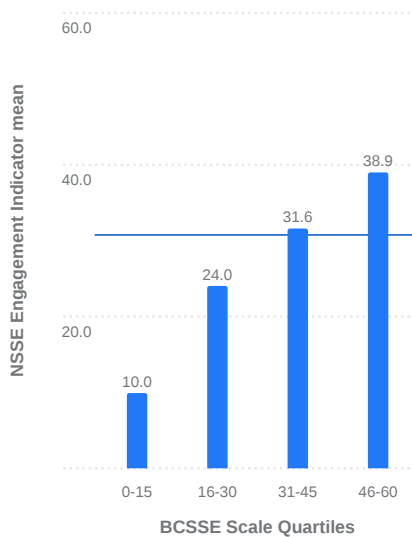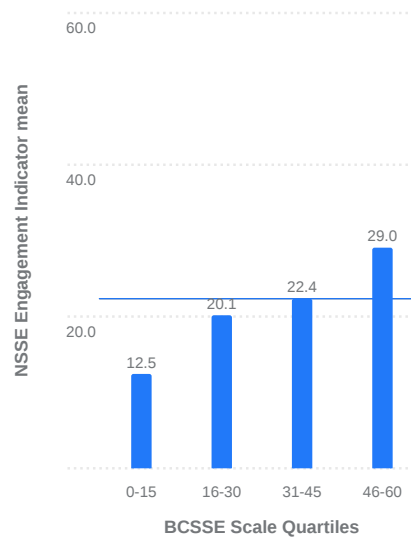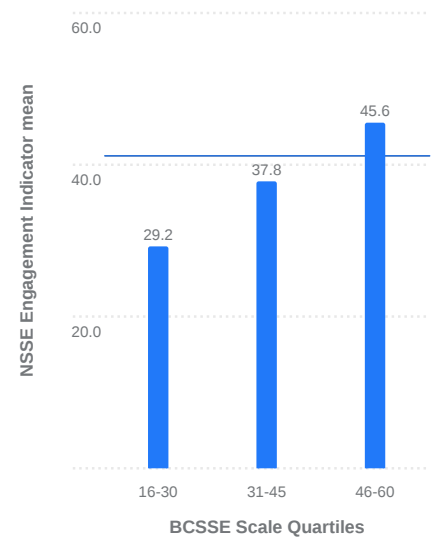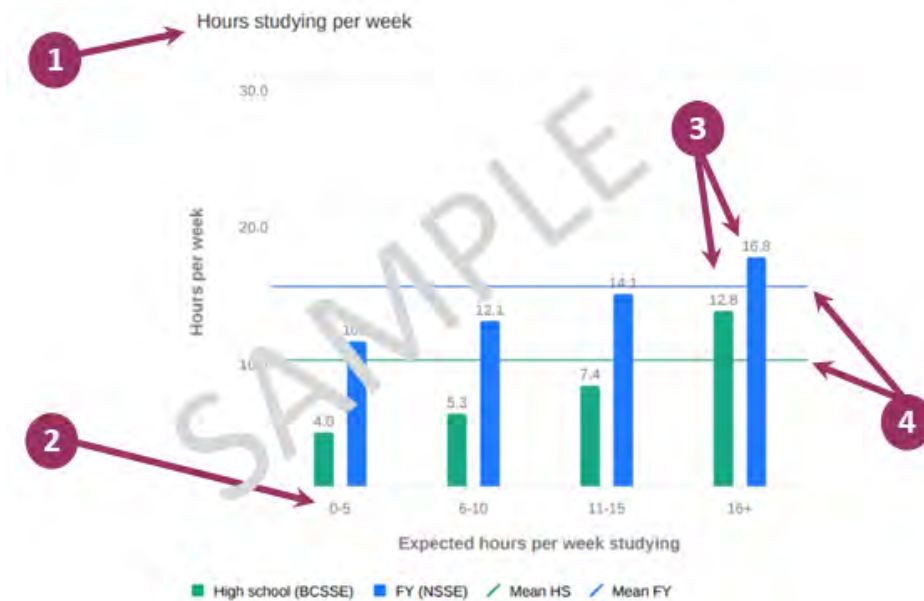### Student-Faculty Interaction

Discussions with Diverse Others

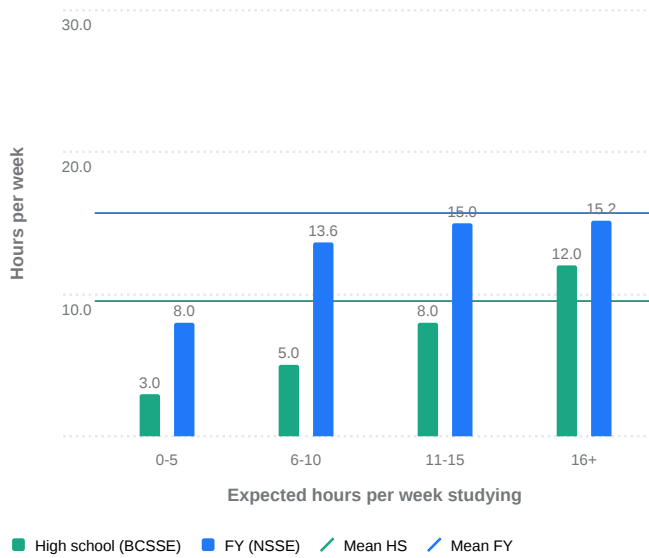## Interpreting Student Time Use: Expectations and Experiences

The sample results below are a guide to interpret the results on page 12.

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 example, 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 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 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.
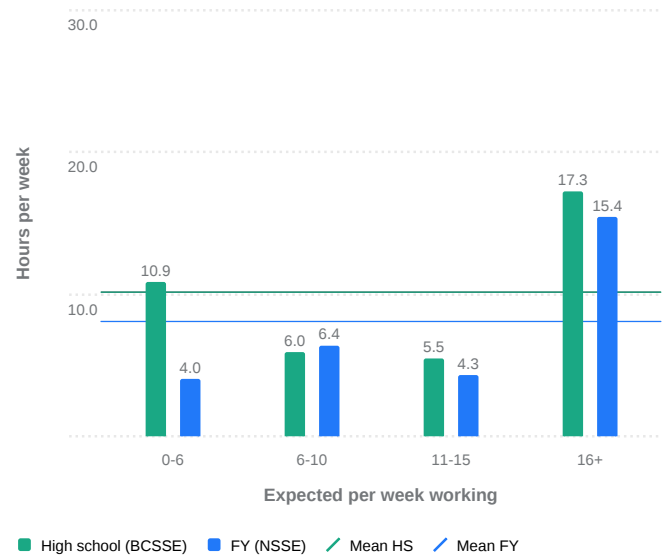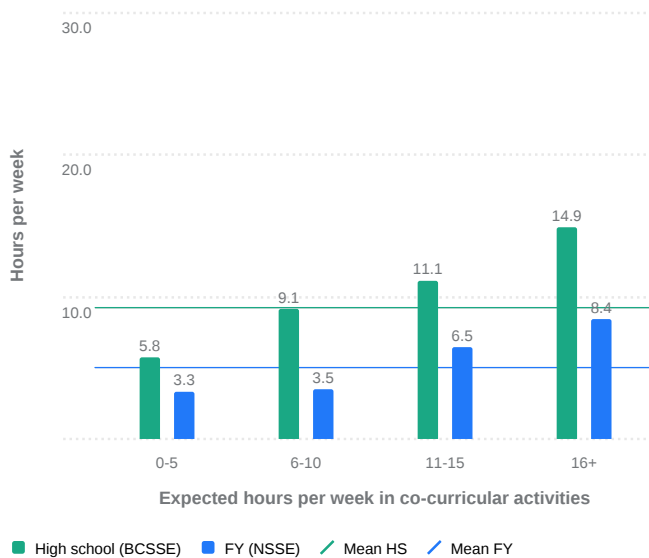
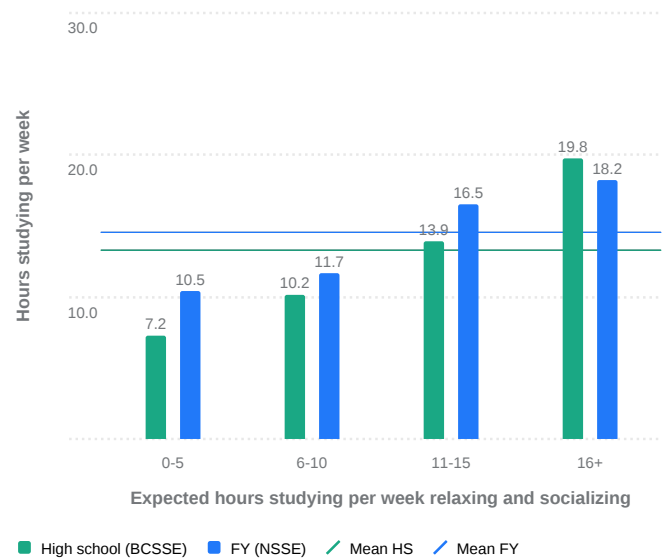## How students spend their time in a typical week

Hours studying per week

High school (BCSSE) values: 0-5: 3.0, 6-10: 5.0, 11-15: 8.0, 16+: 12.0
FY (NSSE) values: 0-5: 8.0, 6-10: 13.6, 11-15: 15.0, 16+: 15.2

X-axis: **Expected hours per week studying** (0-5, 6-10, 11-15, 16+)
Y-axis: **Hours per week**

■ High school (BCSSE) ■ FY (NSSE) ╱ Mean HS ╱ Mean FY

Hours working per week

High school (BCSSE) values: 0-6: 10.9, 6-10: 6.0, 11-15: 5.5, 16+: 17.3
FY (NSSE) values: 0-6: 4.0, 6-10: 6.4, 11-15: 4.3, 16+: 15.4

X-axis: **Expected per week working** (0-6, 6-10, 11-15, 16+)
Y-axis: **Hours per week**

■ High school (BCSSE) ■ FY (NSSE) ╱ Mean HS ╱ Mean FY

Hours in co-curricular activities per week

High school (BCSSE) values: 0-5: 5.8, 6-10: 9.1, 11-15: 11.1, 16+: 14.9
FY (NSSE) values: 0-5: 3.3, 6-10: 3.5, 11-15: 6.5, 16+: 8.4

X-axis: **Expected hours per week in co-curricular activities** (0-5, 6-10, 11-15, 16+)
Y-axis: **Hours per week**

■ High school (BCSSE) ■ FY (NSSE) ╱ Mean HS ╱ Mean FY

Hours relaxing/socializing per week

High school (BCSSE) values: 0-5: 7.2, 6-10: 10.2, 11-15: 13.9, 16+: 19.8
FY (NSSE) values: 0-5: 10.5, 6-10: 11.7, 11-15: 16.5, 16+: 18.2

X-axis: **Expected hours studying per week relaxing and socializing** (0-5, 6-10, 11-15, 16+)
Y-axis: **Hours studying per week**

■ High school (BCSSE) ■ FY (NSSE) ╱ Mean HS ╱ Mean FY

BCSSE 2021-NSSE 2022 Combined Report
Participating Institutions

Doctorate-Granting Universities

Clarke University
Emory University
Indiana State University
Mercer University
Missouri State University-Springfield

Northern Kentucky University
The University of Montana
The University of Tennessee-Chattanooga
University of North Carolina at Charlotte
University of North Florida

Master's Colleges and Universities

Avila University
Bentley University
Buena Vista University
California Polytechnic State University-San Luis Obispo
California State University-Bakersfield
California State University-Channel Islands
California State University-Chico
California State University-Dominguez Hills
California State University-Sacramento
Cedar Crest College
Citadel Military College of South Carolina
College of Charleston
Dominican College of Blauvelt

Holy Family University
Nicholls State University
Purdue University Northwest
Rivier University
Rocky Mountain College
San Jose State University
Southern Connecticut State University
Southern New Hampshire University
St Bonaventure University
Stockton University
University of New Haven
University of North Georgia

Baccalaureate Colleges and Special Focus

Birmingham Southern College
Bridgewater College
Catawba College
Central Methodist University
Emmanuel College
Franciscan Missionaries of Our Lady University
Holy Cross College
LaGrange College

Northwood University
St Mary's College of Maryland
University of South Carolina-Beaufort
University of the Ozarks
University of the Virgin Islands
Ursinus College
William Jewell College
Wisconsin Lutheran College