BCSSE 2021-NSSE 2022 Combined Report

Indiana State University

BCSSE 2021-NSSE 2022 Combined Report
About This Report

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

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	368	171
Continuing generation	47%	50%
First-generation	53%	50%
Total %	100%	100%

Gender identity

	BCSSE	NSSE
Count	370	172
Man	30.0%	22.7%
Woman	66.8%	70.9%
Another gender identity	1.4%	2.3%
I prefer not to respond	1.9%	4.1%
Total %	100%	100%

Major category

	BCSSE	NSSE
Count	329	179
Arts & Humanities	9.1%	6.7%
Biological Sciences	6.4%	3.9%
Physical Science, Mathematics, and Computer Science	5.2%	2.2%
Social Sciences	13.7%	12.3%
Business	8.2%	6.7%
Communication, Media, & Public Relations	1.8%	3.9%
Education	14.0%	19.6%
Engineering	2.4%	3.4%
Health Professions	19.5%	17.9%
Social Service Professions	11.2%	12.3%
All Other	8.5%	10.1%
Total %	100%	100%

Racial and ethnic identity

	BCSSE	NSSE
Count	365	172
American Indian or Alaskan Native	0.8%	0.0%
Asian	0.8%	2.3%
Black or African American	12.3%	6.4%
Hispanic or Latino	4.1%	3.5%
Middle Eastern or North African	0.0%	0.6%
Native Hawaiian or Other Pacific Islander	0.0%	0.0%
White	72.1%	78.5%
Other	0.0%	0.6%
Multiracial	9.0%	5.8%
Prefer not to respond	0.8%	2.3%
Total %	100%	100%

BCSSE Scales

NSSE Engagement Indicators

High School Quantitative Reasoning
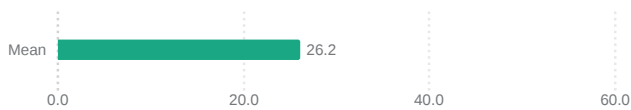
Mean	26.2

0.0   20.0   40.0   60.0

First-Year Quantitative Reasoning

Mean	30.4

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.)	47%	53%	100%
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	37%	63%	100%
c. Evaluated what others have concluded from numerical information	29%	71%	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.)	45%	55%	100%
c. Evaluated what others have concluded from numerical information	45%	55%	100%

High School Learning Strategies

Mean	37.0

0.0   20.0   40.0   60.0

First-Year Learning Strategies

Mean	37.9

0.0   20.0   40.0   60.0

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

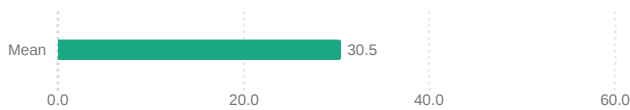|	Very often/ Often	Sometimes/ Never	Total
a. Identified key information from reading assignments	76%	24%	100%
b. Reviewed your notes after class	63%	37%	100%
c. Summarized what you learned in class or from course materials	60%	40%	100%

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	75%	25%	100%
b. Reviewed your notes after class	68%	32%	100%
c. Summarized what you learned in class or from course materials	67%	33%	100%

BCSSE Scales

NSSE Engagement Indicators

Expected Student-Faculty Interaction

Mean ▇▇▇▇▇▇ 30.5

0.0　　20.0　　40.0　　60.0

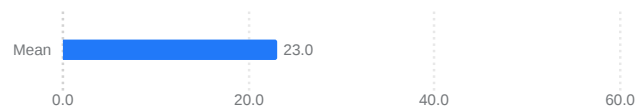### First-Year Student-Faculty Interaction

Mean ▇▇▇▇ 23.0

0.0　　20.0　　40.0　　60.0

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	55.7%	44.3%	100%
b. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	34.5%	65.5%	100%
c. Discuss course topics, ideas, or concepts with a faculty member outside of class	38.0%	62.0%	100%
d. Discuss your academic performance with a faculty member	51.8%	48.2%	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	42.9%	57.1%	100%
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	21.4%	78.6%	100%
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	25.8%	74.2%	100%
d. Discussed your academic performance with a faculty member	38.3%	61.7%	100%

Expected Collaborative Learning

Mean ▇▇▇▇▇▇▇ 33.6

0.0　　20.0　　40.0　　60.0

First-Year Collaborative Learning

Mean ▇▇▇▇▇▇ 29.2

0.0　　20.0　　40.0　　60.0

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

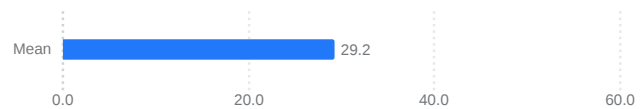|	Very often/ Often	Sometimes/ Never	Total
a. Ask another student to help you understand course material	50.8%	49.2%	100%
b. Explain course material to one or more students	38.1%	61.9%	100%
c. Prepare for exams by discussing or working through course material with other students	68.4%	31.6%	100%
d. Work with other students on course projects or assignments	64.1%	35.9%	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	42.2%	57.8%	100%
b. Explain course material to one or more students	50.7%	49.3%	100%
c. Prepare for exams by discussing or working through course material with other students	40.4%	59.6%	100%
d. Work with other students on course projects or assignments	52.3%	47.7%	100%

BCSSE Scales

Expected Discussions with Diverse Others

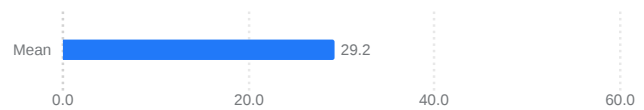|		
Mean		43.7
0.0	20.0	40.0	60.0

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	85.6%	14.4%	100%
b. People from an economic background other than your own	85.6%	14.4%	100%
c. People with religious beliefs other than your own	78.8%	21.2%	100%
d. People with political views other than your own	77.2%	22.8%	100%

NSSE Engagement Indicators

First-Year Discussions with Diverse Others

Mean		29.2
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	75.0%	25.0%	100%
b. People from an economic background other than your own	75.0%	25.0%	100%
c. People with religious beliefs other than your own	70.6%	29.4%	100%
d. People with political views other than your own	73.1%	26.9%	100%

Student Time Use: Expectations and Experiences

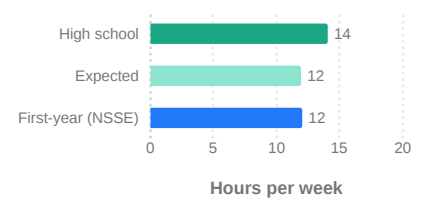Hours in a typical 7-day week preparing for class

	0	1-5	6-10	11-15	16+	Total
a. High School (BCSSE)	2%	39%	31%	15%	13%	100%
b. Expected (BCSSE)	0%	5%	24%	29%	42%	100%
c. First-year (NSSE)	1%	10%	28%	24%	37%	100%

Mean hours per week

High School — 9
Expected — 15
First-year (NSSE) — 14

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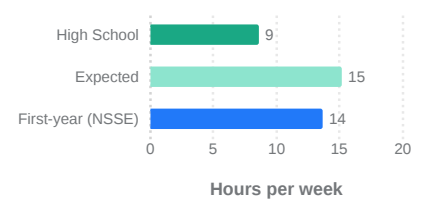
Hours in a typical 7-day week working for pay

	0	1-5	6-10	11-15	16+	Total
a. High school (BCSSE)	23%	9%	9%	12%	47%	100%
b. Expected (BCSSE)	17%	12%	16%	18%	37%	100%
c. First-year (NSSE)	38%	2%	13%	9%	33%	100%

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

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%	28%	18%	14%	27%	100%
b. Expected (BCSSE)	15%	27%	32%	16%	10%	100%
c. First-year (NSSE)	33%	33%	18%	7%	9%	100%

High school — 10
Expected — 8
First-year (NSSE) — 5

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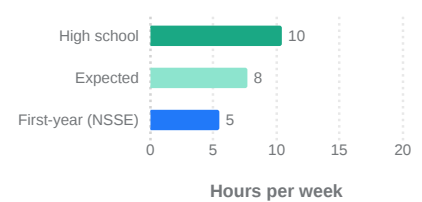
Hours in a typical 7-day week relaxing and socializing

	0	1-5	6-10	11-15	16+	Total
a. High school (BCSSE)	4%	29%	27%	16%	25%	100%
b. Expected (BCSSE)	3%	24%	34%	23%	16%	100%
c. First-year (NSSE)	3%	24%	27%	16%	30%	100%

High school — 11
Expected — 10
First-year (NSSE) — 12

Hours per week
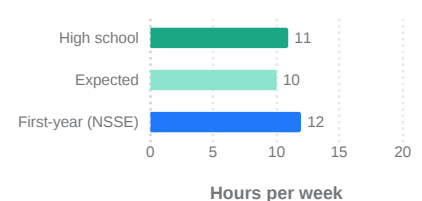
TO: Selected BCSSE Participating Institutions

FROM: James Cole, BCSSE Project Director

RE: Your BCSSE 2021-NSSE 2022 Combined Report

An important part of the BCSSE project is the ability to examine the relationships between (a) high school engagement and expectations for engagement during college, as measured at college entry by BCSSE, and (b) actual engagement as measured by NSSE in the spring of the first year. Linking individual students' BCSSE and NSSE results is vital to this work. Unfortunately, yours is one of **ten** participating institutions for whom we are unable to provide BCSSE-NSSE longitudinal results due to a small number of identified common respondents to the two surveys. Because the match between BCSSE and NSSE respondents was too low (fewer than 40) we were unable to link a sufficient number of individual students' BCSSE and NSSE responses to prepare the longitudinal section of this report.

However, it may still be possible to do so by combining identifying information in your BCSSE data file with other information in your student information system. For example, you may be able to determine the student identification numbers of BCSSE respondents from their first and last name. The student ID numbers can then be used to identify these students in your NSSE data file. If you can provide us with a file that matches the BCSSE bsurvid with the corresponding student ID, we will produce a revised BCSSE-NSSE Combined Report that includes longitudinal results. Contact your Project Services team if you would like more details about how to facilitate a match: **nsse.indiana.edu/contact/project-service-teams/index.html**

Should you continue to administer BCSSE to your entering students, we hope you will take advantage of information and resources provided throughout the BCSSE and NSSE administration to facilitate data matching so that you can benefit from the full suite of BCSSE reports and services. Please allow us to assist you to make the most of your participation.

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