Introduction to BCSSE 2019

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and
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Graduate students and Research Project Associates
We will cover. . .

- Quick Poll
- BCSSE 2007 to 2018
  - What has worked well and why the need to update
  - Institutional examples
  - BCSSE 2019 Update
- BCSSE Survey
  - Purpose of survey
  - Survey content: First-year, transfer, and delayed-entry students
  - Survey administration: When, how, and mode (paper or online)
- Reports and Data
  - Advising and Institutional Reports
  - Institutional Data Use Example
- Description of the National Survey of Student Engagement (NSSE)
  - The power of BCSSE-NSSE combination
  - Institutional Data Use Example
- Additional information and resources
Quick Poll

What are your primary interests in BCSSE?
Since 2007, nearly 900,000 entering first-year students at more than 500 institutions have completed BCSSE.

BCSSE results are used in many ways including:

- Academic advising
- Retention efforts and predictive analytics
- First-year program design and evaluation
- Accreditation self-studies
- Faculty and staff development

See Using Your BCSSE Data: bcsse.indiana.edu/usingBCSSEData.cfm

and other examples of NSSE, FSSE, and BCSSE Data Use: nsse.indiana.edu/html/using_nsse_db
University of South Florida

Use BCSSE data for predictive analytics to identify students at risk of not persisting.

New Student Connections and Peer Advisor Leaders offices target priority outreach to these students.

In past few years, improved:

- First-year retention 86% to 91%, and
- Six-year graduation rate 67% to 72%


Southern CT State University

FY Seminar instructors receive BCSSE Advising Reports

Predictive modelling to identify student success factors

NSSE Academic Advising module to identify issues with the campus’s advising practices

BCSSE-NSSE analysis resulting in a special High-Impact Practice offering First-Generation College Student Living and Learning Communities

Lessons from the Field – Volume 4:
http://nsse.indiana.edu/html/how_institutions_use_NSSE.cfm
Why the need to update the survey?

1. Many requests over the years to develop a survey for transfer students.

2. More than 1200 baccalaureate institutions are “high transfer-in” institutions (>20% of their students transferred into that institution).

   (source: Carnegie Classification of Institutions of Higher Education)

3. There is no national-level survey for entering transfer and older students.

Became clear that colleges and universities needed a systematic and comprehensive way to learn more about their entering transfer and older students.
BCSSE Survey
Purpose of BCSSE is largely unchanged:

To measure prior academic and co-curricular experiences, as well as expectations and beliefs about participating in educationally purposeful activities during the upcoming academic year, for all entering students including first-year, transfer, and delayed-entry (older) students who have little or no college experience.
Institutions can choose to survey three distinct groups of students:

1. First-year students; recent high school graduates
2. Transfer students
3. Delayed-entry (older) students who have little or no college experience
FIRST-YEAR STUDENTS

High School experiences include:

- HS grades, math courses, AP, dual credit, and IB
- Hours Writing, Reading, Studying
- Learning Strategies
- Quantitative Reasoning
- Reflective Learning
Transfer Students Only:

Experiences at other college or university

- Type institution (baccalaureate, community college, etc)
- How many credits expect to transfer
- Previous Grades
- Use of effective Learning Strategies
- Expected co-enrollment (attend another institution while attending yours)
- Why they left the other institution
Transfer and Delayed-Entry Students:

Experiences at your institution

- Why they chose to attend your institution
- How many more years they expect it will take to complete bachelor’s degree
- Stress factors they expect to encounter (financial, time management, transition, choosing a career, etc)
- Hours per week they expect to spend providing care for dependents and commuting
- Veteran status
BCSSE Survey

Most of the survey is common for all entering students

Expectations for the coming year, including:

- Hours preparing for class, working, etc
- Student-Faculty Interactions*
- Discussion with Diverse Others*
- Collaborative Learning*
- Expected Academic Difficulty**
- Academic Perseverance**
- Academic Help-Seeking**
- Perceived Academic Preparation*
- Importance of Supportive Environment*

* Corresponds with NSSE Engagement Indicator
** Corresponds with NSSE First-Year Module
Demographics and additional information are also unchanged

Other questions for all entering students include:

- Sources for paying for college
- First generation status
- Expectation to graduate
- Expected grades
- Friends also attending
- Choice of institution
- Race/ethnicity
- Other background information
Survey Administration

Summer/Fall administration:
- Modes available: Paper (FY only), Web, or Mixed
- Dates available: Early April to late summer/early fall
- Group administration (paper or web) during Orientation, Welcome Week, classroom, computer lab, etc.
- Web email administration

Winter administration:
- Modes available: Web only
- Dates available: Early December to end of January
- Administered anytime during December or January.
Institutions will have the option to embed student ID’s in the BCSSE URL link emailed to students. *This means students will not need to remember their student ID number.*

- This is an institution-driven process
- Each campus will need to work with their own IT dept
- IT staff on your campus are solely responsible creating the embedded URL’s and email distribution
- BCSSE will provide general instructions, but *cannot* provide technical details that may be needed for each campus.
- Email bcsse@indiana.edu for more details.
Reports and Data
Reports

Summer/Fall
- BCSSE Institutional Report
- Institutional data file
- BCSSE Student Advising Report

Fall
- Grand Frequencies and Means

Winter (optional)
- Institutional data file
- BCSSE Student Advising

Summer (following year)
- BCSSE/NSSE Combined Report
**BCSSE Advising Reports**

- Downloaded from the web interface as zipped folder containing an advising report for each student.
- File names can be saved as student ID or student name (you choose)
- Advising reports can be filtered by date, last name, or major.
New BCSSE Advising Reports

- Left column data targets either first-year, transfer, or delayed-entry students
- Campus registration determines which Advising and Institutional Reports will only be available.

See Using Your BCSSE Advising Report for suggestions about how to use these reports:

http://bcsse.indiana.edu/institutionalReports.cfm
Updated BCSSE Institutional Reports include: 1) Respondent Profile, 2) Frequency and Mean Comparisons, and 3) BCSSE Scale Means.
Updated BCSSE Institutional Reports include: 1) Respondent Profile, 2) Frequency and Mean Comparisons, and 3) BCSSE Scale Means

<table>
<thead>
<tr>
<th>BCSSE Scales</th>
<th>Variable</th>
<th>All Students</th>
<th>First-Generation</th>
<th>Self-Reported Previous Grades</th>
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<tr>
<td></td>
<td>Mean</td>
<td>SD</td>
<td>Yes Mean</td>
<td>No Mean</td>
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<td>Transfer Students</td>
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<td>Learning Strategies</td>
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<td>strategies at prior institution</td>
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<td>Collaborative Learning</td>
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<tr>
<td>Expectation to interact and</td>
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<tr>
<td>collaborate with peers</td>
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<tr>
<td>Student-Faculty Interaction</td>
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<td>13.3</td>
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<td>Expected Discussions with</td>
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<tr>
<td>Diverse Others</td>
<td>EXP_DD</td>
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<tr>
<td>Expectation to engage in</td>
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<tr>
<td>discussions with diverse</td>
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<tr>
<td>others</td>
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<tr>
<td>Expected Academic</td>
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<tr>
<td>Perseverance</td>
<td>EXP_PER</td>
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<tr>
<td>Student certainty that they</td>
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<tr>
<td>will persist in the face of</td>
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<tr>
<td>academic adversity</td>
<td></td>
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<td>during the coming year</td>
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<tr>
<td>Perceived Academic</td>
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<td>Preparation</td>
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<td>Student perception of their</td>
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<td></td>
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<tr>
<td>academic preparation</td>
<td></td>
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<tr>
<td>Importance of Campus</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Environment</td>
<td>IMP_CAMP</td>
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<td>11.4</td>
<td>243</td>
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<tr>
<td>Student-rated importance</td>
<td></td>
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<td>that the institution</td>
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<td>provides a challenging and</td>
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<tr>
<td>supportive environment</td>
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</tbody>
</table>
Winter administration data and reports include:

1. Data-download of student data
2. Student Advising Reports

BCSSE Institutional Report examples: bcsse.indiana.edu/institutionalReports.cfm

Also, Summary Tables reported by institution type and control bcsse.indiana.edu/summary_tables.cfm
Institutional Data Use

Each campus receives:

1. Complete preliminary data file
   - Available within hours (web), or shortly after surveys are scanned (paper)
2. Complete final data file
   - Available after administration closes along with your institutional report

Data files include student names and ID’s that allows you to connect to other institutional records.
First-Year students enter with a range of expectations that can impact how students engage during the coming year.

One such example...

“During the coming school year, about how often do you expect to seek help with coursework from the following sources?”

- Faculty members
- Academic advisors
- Learning support services
- Friends or other students
- Family members
Institutional Data Use

Which source below did most students indicate “very often”?

- Faculty: 19%
- Academic advisors: 18%
- Learning support services: 22%
- Friends or other students: 32%
- Family members: 12%
Institutional Data Use

Compare responses from two items

24. Do you expect to graduate from this institution?
   - Yes: 89.9%
   - No: 10.1%
   - Uncertain:

28. This institution was your:
   - First choice: 64.5%
   - Second choice: 25.8%
   - Third choice or lower: 9.7%
Institutional Data Use

Do you expect to graduate from this institution?

<table>
<thead>
<tr>
<th>Choice</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First choice</td>
<td>68%</td>
</tr>
<tr>
<td>Second choice</td>
<td>41%</td>
</tr>
<tr>
<td>Third choice or lower</td>
<td>25%</td>
</tr>
</tbody>
</table>

This institution was your:
BCSSE as a Complement to NSSE
National Survey of Student Engagement (NSSE)

- Administered annually at hundreds of baccalaureate level institutions across the US.
- Since 2000, approximately 6.0 million first-year and senior students enrolled at more than 1,600 institutions have completed NSSE.
BCSSE as a Complement to NSSE

NSSE collects data representing a breadth of student engagement behaviors, including 10 Engagement Indicators and 6 High Impact Practices.

**Engagement Indicators**
- Higher-Order Learning
- Reflective & Integrative Learning
- Learning Strategies
- Quantitative Reasoning
- Collaborative Learning
- Discussions w/Diverse Others
- Student-Faculty Interaction
- Effective Teaching Practices
- Quality of Interactions
- Supportive Environment

**High Impact Practices**
- Learning community
- Internship, co-op, etc
- Work w/faculty on research project
- Service Learning
- Study abroad
- Culminating senior experience
BCSSE as a Complement to NSSE

NSSE Topical Modules

1. Academic Advising *(Updated 2019)*
2. Civic Engagement
3. Development of Transferable Skills
4. Learning with Technology
5. Experiences with Writing
6. Experiences with Information Literacy
7. First-Year Experiences and Senior Transitions
8. Global Learning
9. Inclusiveness and Engagement with Cultural Diversity
BCSSE as a Complement to NSSE

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NSSE Surveys: nsse.indiana.edu/html/survey_instruments.cfm
BCSSE 2019 and NSSE 2020 Combined Report provides a comprehensive, longitudinal view of entering first-year expectations and actual engagement near end of academic year.

**BCSSE content aligned with NSSE (core survey)**

1. Learning Strategies
2. Quantitative Reasoning
3. Collaborative Learning
4. Student-Faculty Interaction
5. Discussions with Diverse others
6. Hours studying, working, etc
7. Writing experiences and more
Institutional Data Use

NSSE First-Year Topical Module

What if 36% of your FY students indicated that they *seriously considered leaving* the institution at some point during the year.

*Who were these 36%?*

- 40% of FG students and 33% of non-FG
- 38% of females and 29% of males
Lessons from the Field (Volume 4)
nsse.indiana.edu/pdf/LFF_4.pdf

Search Tool for Examples of NSSE, FSSE, and BCSSE Data Use
nsse.indiana.edu/html/using_nsse_db/

Using Your BCSSE Data
bcse.indiana.edu/usingBCSSEData.cfm

How Institutions use NSSE Data
nsse.indiana.edu/html/how_institutions_use_NSSE.cfm
BCSSE Costs
# BCSSE Costs

## First-Year Students entering in summer/fall

**Registration Fee:** $300

### Surveying first-year students

**Paper Mode**

<table>
<thead>
<tr>
<th>Paper surveys shipped</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>up to 200 surveys</td>
<td>$500</td>
</tr>
<tr>
<td>201 or more surveys</td>
<td>$2.50/survey</td>
</tr>
</tbody>
</table>

**Online Mode**

<table>
<thead>
<tr>
<th>First-year enrollment(a)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>up to 500 students</td>
<td>$750</td>
</tr>
<tr>
<td>501 to 1,000 students</td>
<td>$1,000</td>
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<tr>
<td>1,001 to 2,000 students</td>
<td>$1,500</td>
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<tr>
<td>2,001 to 3,000 students</td>
<td>$2,500</td>
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<tr>
<td>3,001 to 4,000 students</td>
<td>$3,500</td>
</tr>
<tr>
<td>more than 4,000 students</td>
<td>$4,500</td>
</tr>
</tbody>
</table>

\(a\). Entering student enrollment is based on most recent IPEDS data available.

**Mixed Mode (Paper and Online)**

Online mode fee plus discounted paper survey price of $2.00 per shipped survey.
BCSSE Costs

Transfer or Delayed-Entering Students entering in summer/fall (Web mode only)

Institutions Previously Registered to Survey First-Year Students
(no limit on number of transfer or delayed-entry students) $500

– OR –

Institutions Not Registered to Survey First-Year Students.

Fee based on total enrollment of transfer and delayed-entry students (by most recent IPEDS data)

<table>
<thead>
<tr>
<th>Enrollment</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 500 students</td>
<td>$750</td>
</tr>
<tr>
<td>501 to 1,000 students</td>
<td>$1,000</td>
</tr>
<tr>
<td>More than 1,000 students</td>
<td>$1,500</td>
</tr>
</tbody>
</table>

Surveying New Entering Winter-Admitted Students

Online mode only

Winter administration fee: $350
Registration is opened March 4, 2019 and stays open through the summer.

More information can be found in the BCSSE Invitation to Participate or at bcsse.indiana.edu
BCSSE and NSSE Resources

Visit our website for information on:

- Using BCSSE Data
- Using NSSE Data
- Free Webinars
- NSSE Accreditation Toolkits
- Lessons from the Field
- Papers, Presentations, and upcoming workshops and more

nsse.indiana.edu
bcsse.indiana.edu
THANK YOU!

Please contact me with any questions or comments.

James Cole: colejs@indiana.edu