

Understanding Your NSSE Institutional Report 2010

Webinar will begin at 3 pm EST.
 Before we begin, please review the following:

General advice:

- Ensure you are connecting to this Webinar using a high-speed connection.
- Visit https://admin.adobe.com/common/help/en/support/meetings_test.htm for a comprehensive set of tests and troubleshooting solutions if you have issues with the Adobe Connect software.
- Get your Institutional Report binder for reference or access your materials through the institutional interface. View generic materials here: <http://nsse.iub.edu/?cid=402>.

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Using the Chat feature:

- The Chat window allows participants to interact with presenters and each other

Understanding Your NSSE Institutional Report 2010

I have my NSSE report, now what?





Shimon Sarraf
Julie Williams

September 7, 2010

Webinar Goals


- ▶ Provide a guided tour of your NSSE *Institutional Report 2010*
- ▶ Review various data reports
- ▶ Offer some analytical advice
- ▶ Highlight various user resources
- ▶ Give tips for how to generate discussion and action on your campus
- ▶ Provide answers to your questions


Institutional Report Organization

Four main sections of the *Institutional Report*:



- ▶ SECTION I: NSSE – National Survey of Student Engagement (**dark blue tab**)
- ▶ SECTION II: FSSE – Faculty Survey of Student Engagement (**plum tab**)
- ▶ SECTION III: BCSSE – Beginning College Survey of Student Engagement (**gold tab**)
- ▶ SECTION IV: User Resources – (**light blue tab**)

Section I: NSSE





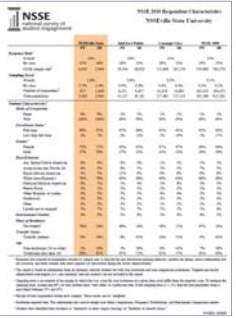
College of Saint Benedict

Section I: NSSE

Respondent Characteristics Report

- ▶ Response rates, sampling error, and student characteristics for your school and peer groups
- ▶ Unweighted report that uses all randomly selected students



Section I: NSSE

Using the RCT report to assess data quality

- Can your respondent sample provide an accurate population estimate?
- Do respondents resemble the larger population using important characteristics?
- Is your response rate good enough?

Section I: NSSE

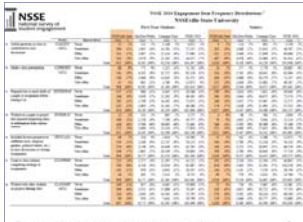
Selected Comparison Groups Report

- Tells how peer groups have been selected
 - consortium participation
 - criteria selected
 - default groups, if no instructions given
- Lists schools included in each peer group

Section I: NSSE

Frequency Distributions


- Count and **weighted percent** of responses to all survey items for randomly selected students
- Replicate with `smpl05`, `classran`, `inelig`, `weight1` variables
- Details on weighting adjustments can be found at http://nsse.iub.edu/_/?cid=404
- For additional details about this report, see "Interpreting the Frequency Distributions" (page 2)



Section I: NSSE

Mean Comparisons

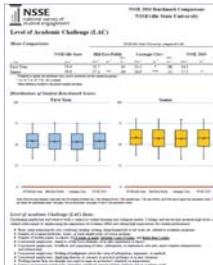
- More compact report that compares item averages
- Report structure and logic almost identical to frequency report (weighted)
- Provides statistical significance and effect size of differences
- Are results both statistically and meaningfully different?



Section I: NSSE

Benchmark Comparisons

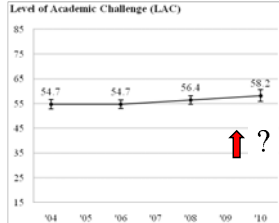
- Intended to focus campus discussions on five important areas for student development and learning
- Report structure and logic identical to means report
- Emphasizes campus variation
- Comparison with Highly Engaging Institutions




Section I: NSSE

Multi-Year Benchmark Report

- Allows repeat NSSE users to more easily view possible changes over time
- Population estimates derived consistently from year to year




Year	Score
'04	54.7
'05	54.7
'06	56.4
'07	58.2



Making the Most of Your NSSE Reports

Focus When Reporting Out


- ▶ Strengths & Weaknesses
- ▶ Expectations
- ▶ Campus Offices or Individuals



Making the Most of Your NSSE Reports

Use Data Reduction Methods


- ▶ Present % "never" done
- ▶ Present % "frequently" done



Making the Most of Your NSSE Reports

Interpreting Results

- ▶ Avoid "growth" claims using first year and senior data comparisons
- ▶ Benchmark scores difficult to interpret in isolation
- ▶ Use individual items to understand your benchmark scores




A Commitment to Data Quality

NSSE's New Psychometric Portfolio

- ▶ An online framework that presents evidence of survey psychometric properties categorized into the following areas:
 - **Validity** – The extent to which survey questions or scales accurately measure what they are supposed to measure. Portfolio addresses content, construct, concurrent, predictive, response process, known groups, and consequential validity.
 - **Reliability** – The consistency or stability of a measure. Portfolio addresses internal consistency, temporal stability, and equivalence.
 - **Other Quality Indicators** – Procedures and standards that increase precision and rigor of data. Portfolio addresses representation of institutional types, item bias, measurement error, mode effects, nonresponse error, sampling error, and social desirability.



nsse.iub.edu/links/psychometric_portfolio



Section I: NSSE

Student Experience in Brief


- ▶ A companion report to A Pocket Guide to Choosing a College: Are You Asking the Right Questions?
- ▶ Provides results from your institution that correspond to pocket guide questions
- ▶ Customizable template enables sharing with prospective students & families, admissions officers, and orientation staff

Section I: NSSE


Your Data File

- ▶ Downloadable from the Institution Interface
- ▶ Includes all data collected for your institution, including targeted oversamples not included in your reports
- ▶ Consider ways you may want to disaggregate data:
 - School, major, race or ethnicity
 - Project ahead to this type of analysis when preparing for future administrations



Section I: NSSE



- ▶ To retrieve your electronic data and reports:
 - ★ **Step 1:** Go to the NSSE Web site, nsse.iub.edu
 - ★ **Step 2:** Select "Institution Log-in" from the upper right corner and log in with your username and password
 - ★ **Step 3:** Select "Surveys by Year" from the top navigation menu.
 - ★ **Step 4:** Go to the "Surveys by Year" table and select "View" for NSSE 2010.
 - ★ **Step 5:** Download the zip files for your institution under "Data & Reports" to retrieve your files. Data files and reports are in separate data files.



Section I: NSSE

Additional Materials to Watch For

- ▶ Major Field Reports
 - Provided in early fall. Display results for students by eight major categories of related majors.
- ▶ Annual Results & Executive Snapshot
 - Provided in November each fall. Includes annual administration and institution-specific highlights





Section I: FSSE



Hendrix College






Section II: FSSE

Respondent Characteristics

- ▶ Selected background characteristics of faculty members who responded to FSSE
- ▶ Many of these data elements are not available in the institutional data file to protect faculty anonymity
- ▶ Reports that disaggregate FSSE results by background characteristics may be requested for a fee



Section II: FSSE



Frequency Distributions


- ▶ Response percentages to each item broken down by the level of students taught by faculty respondents

FSSE-NSSE Combined Report

- ▶ Presents faculty results side-by-side with student results allowing institutions to identify areas of correspondence as well as gaps

Section III: BCSSE







Section III: BCSSE

Respondent Characteristics

- ▶ Sampling, completion rates, and characteristics of your BCSSE 2009 and NSSE 2010 respondents
- ▶ Also, characteristics of students who responded to both instruments
 - Are they different?
- ▶ Demographic statistics related to gender & enrollment status



Section II: BCSSE


BCSSE-NSSE Combined Report

- ▶ Part 1 uses cross-sectional data from all BCSSE 2009 and NSSE 2010 respondents to present side-by-side frequencies of items common to both instruments
- ▶ Part 2 uses matched data based on student ID to examine the relationship between BCSSE scales and NSSE benchmarks

Section IV: User Resources






California State University, Los Angeles

Section IV: User Resources

Overview of Activities of the NSSE Institute

- ▶ Outreach Services
 - NSSE Users Workshops
 - Webinars
- ▶ Resources
 - Using NSSE to Assess and Improve Undergraduate Education: Lessons from the Field
 - A Pocket Guide to Choosing a College
- ▶ Research Initiatives
 - BEAMS – Building Engagement and Attainment of Minority Students
 - CIC-CLA Consortium Project
 - Learning to Improve: A Study of Evidence Based Improvement in Higher Education
 - NILOA – National Institute for Learning and Outcomes Assessment
 - CILA – Wabash College Center of Inquiry in the Liberal Arts Project

Section IV: User Resources


Guide to Online Resources

- ▶ Provides a snapshot and active web links to user resources available for download from the NSSE Web site.
- ▶ Resources include:
 - Accreditation Toolkits
 - Project DEEP Publications
 - Connecting the Dots
 - High-Impact Educational Practices: What They Are, Who Has Access to Them, and Why They Matter
 - Related publications, conference papers, and presentations




Register Now!
 NSSE Users Workshop
 Oct. 7-8, 2010
 Registration Deadline:
 Oct. 1, 2010


Fall 2010 NSSE Users Workshop - Dillard University, New Orleans
 Want to learn more about working with your 2010 NSSE results or your NSSE data from past years as part of your assessment efforts? Join us in New Orleans for the Fall 2010 NSSE Users Workshop, co-hosted by NSSE and Dillard University.
 Online registration and workshop details are available now at:
nsse.iub.edu/links/fall_workshop




Section IV: User Resources

Using The Data

- ▶ Examples of how NSSE, BCSSE, and FSSE data have been used to guide educational policy and practice on various campuses
- ▶ Snapshots of practical applications of the results
- ▶ Online tool allows users to search for additional examples of how institutions are using NSSE, BCSSE, and FSSE data





nsse.iub.edu/html/using_nsse_db.cfm



Section IV: User Resources


Multi-Year Data Guide

- ▶ Developed in 2008
- ▶ Designed to help institutions analyze multiple years of NSSE data to explore trends and stability of results


Next Steps: Making the Most of Your NSSE Data

- ▶ Think about potential audiences
- ▶ Consider communications strategies
- ▶ How does this data fit with other assessment data at your campus?
- ▶ Is more data needed? (From NSSE or other surveys)
- ▶ Future survey administration considerations
 - Is there a need for oversampling?
 - Consortium options?
- ▶ Get students involved in the data!



For More Information...

- ▶ Email:
 - Shimon Sarraf ssarraf@indiana.edu (812-856-2169)
 - Julie Williams williaj4@indiana.edu (812-856-6530)
- ▶ Copies of papers and presentations as well as annual reports and other information are available through the Web site www.nsse.iub.edu




Institutional Photo Credits

Thank you to the following NSSE participating schools for the use of their institutional photos in the development of this PowerPoint.

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