

Your Institutional Report 2012 – Step by Step

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

General advice:

- Get your Institutional Report binder for reference or access your materials through the institutional interface. View generic materials here: <http://nsse.iub.edu/?cid=494>

Sound:

- Please turn up your computer speakers or plug in your headphones to listen to the Webinar.
- For best results, close **ALL other applications** as they can interfere with the audio feed.

What to do if you don't hear anything:

- If you cannot hear anything, click on "Meeting" in left of grey tool bar at the top of the screen and select "Audio Setup Wizard." Complete the first part of the Wizard, which ends with a speaker test, to ensure a proper webinar audio connection. If you cannot hear anything after this, please consult your technology support person.

Using the Chat feature:

- The Chat window allows participants to interact with presenters and each other – ask questions of presenters and of other users!

For a pdf copy of this Webinar, see:
http://nsse.iub.edu/webinars/2012_09_06/R2012_kinzie_sarra.pdf.

Your Institutional Report 2012 – Step by Step






Jillian Kinzie
Shimon Sarraf

September 6, 2012

Webinar Goals

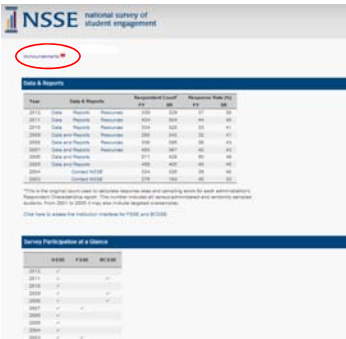
- ▶ Provide a guided tour of your NSSE *Institutional Report 2012*
- ▶ Review data reports
- ▶ Offer analytical advice
- ▶ Highlight various user resources
- ▶ Offer tips for generating discussion and action on your campus
- ▶ NSSE 2013 Update
- ▶ Q & A



Your NSSE binder experience...

- ▶ How many NSSE binders have you cracked open?
 1. it's my first time!
 2. only one other time
 3. my fair share (but need a refresher)
 4. five or more

Updated NSSE Institution Interface





Remember, electronic reports and data available online

Institutional Report Organization


Four sections, each section begins with an Overview:

- ▶ SECTION I: NSSE – National Survey of Student Engagement
- ▶ SECTION II: FSSE – Faculty Survey of Student Engagement
- ▶ SECTION III: BCSSE – Beginning College Survey of Student Engagement
- ▶ SECTION IV: User Resources

Section I: NSSE

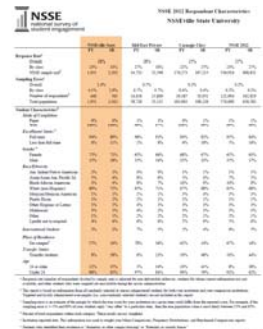
College of Saint Benedict



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 or sampling error 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 `smp105`, `classran`, `inelig`, `weight1` variables
- ▶ Details on weighting adjustments can be found at <http://nsse.iub.edu/?cid=404>



Section I: NSSE


Use Data Reduction Methods

- ▶ Present % "never" done
- ▶ Present % "frequently" done
- ▶ Syntax & other analytical resources available: nsse.iub.edu/html/analysis_resources.cfm

Section I: NSSE

Mean Comparisons

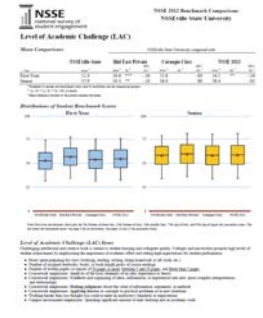
- More compact report that compares item averages
- Report structure and logic almost identical to frequency report (weighted)
- Provides statistical significance and effect size of differences
- Are results both statistically and meaningfully different?



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

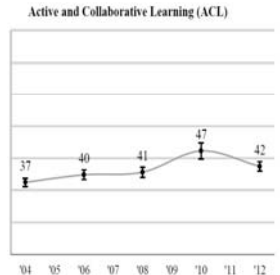
Tips for Understanding Benchmark scores

- Benchmark scores difficult to interpret in isolation
- Explore individual items to understand your benchmark scores
- For calculation details, see nsse.iub.edu/_/?cid=367

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



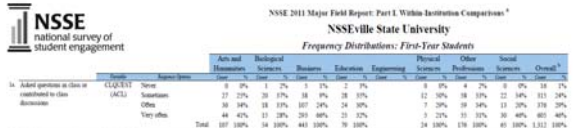
Section I: NSSE

Major Field Report

Get More Traction with your NSSE Results!!

- Frequency distributions and benchmark statistics for up to eight customizable categories of related majors
- Part I: "within institution" report presents results within major categories side by side for first-years and seniors

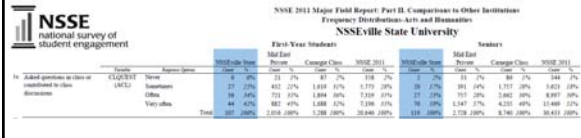
nsse.iub.edu/html/major_field_report.cfm



Section I: NSSE

Major Field Report (cont.)

- Part II: "between institution" report compares your respondents with those of your comparison groups for up to eight major categories




Section I: NSSE

Insert your Logo here!

Student Experience in Brief

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


Share QR code so students can access Mobile Pocket Guide



Additional NSSE Resources

Annual Results & Executive Snapshot

- To be released Nov 15, 2012. Includes annual administration and institution-specific highlights.



Questions About Reporting?

- Any challenges?
- What's most useful?

NSSE Data File


- Downloadable from the Institution Interface
- Includes all data collected for your institution
- Consider ways you may want to dig into different student populations:
 - ✓ School
 - ✓ Major
 - ✓ Race/ethnicity
- Merge data from institutional databases

Additional NSSE Resources

NSSE Report Builder

- Creates aggregate results tables online using student and institutional characteristics
 - GREAT for comparing your adult learners to adult learners at other institutions!**
- Secure database using 2 most recent years of NSSE results
- Frequency results & benchmark reports

Access from NSSE homepage:




Additional NSSE Resources

NSSE's Psychometric Portfolio

- Online framework that presents evidence of survey psychometric properties categorized by:
 - 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.

Access from NSSE homepage:



Section II: FSSE





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

Ways into NSSE – FSSE Data

- ▶ Review FSSE frequencies for items of interest
 - How do Lower Division vary from Upper Division?
- ▶ Review results for gaps and correspondence between student and faculty results – focus on items of interest to your faculty
 - “Prompt feedback” – how wide is the gap?
 - Rank FSSE “importance” items – are students doing the things faculty think are important?
- ▶ Involve faculty development, center for teaching and learning staff in interpreting results.
- ▶ Check out FSSE Webinars on FSSE website!

Section III: BCSSE

Section III: BCSSE Reports

- BCSSE Report (Summer/Fall 2011)
- BCSSE Advising Report (Summer/Fall 2011)
- **BCSSE/NSSE Combined Report** (Summer '12)

Section III: BCSSE

BCSSE-NSSE Combined Report

- ▶ Part 1 uses cross-sectional data from all BCSSE 2011 and NSSE 2012 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

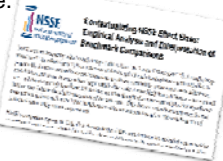
- ▶ Outreach Services
 - NSSE Users Workshops (spring 2013)
 - Webinars
- ▶ Resources
 - Using NSSE to Assess and Improve Undergraduate Education: Lessons from the Field
- ▶ Research Initiatives
 - Learning to Improve: A Study of Evidence Based Improvement in Higher Education
 - CILA – Wabash College Center of Inquiry in the Liberal Arts Project

Section IV: User Resources

Guide to Online Resources

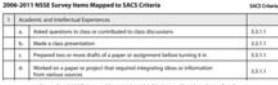

- ▶ Provides a snapshot & **active web** links to resources on NSSE Web site.
- ▶ Resources include:
 - Effect Size Guide
 - Accreditation Toolkits
 - Project DEEP Publications
 - Related publications, conference papers, and presentations



Section IV: User Resources

Accreditation Toolkits

- Regional & Specialized
- NSSE Items mapped to standards
- Will be updated to NSSE 2013

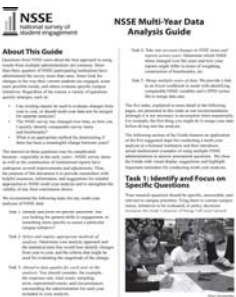
Access Toolkits on NSSE Website – “Tools & Services”

Section IV: User Resources

Multi-Year Data Analysis Guide

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

nsse.iub.edu/links/mydag




Section IV: User Resources

Using The Data

- ▶ Examples of how NSSE, BCSS, and FSSE data have been used to guide educational policy and practice on campuses
- ▶ Snapshots of practical applications of results
- ▶ **Online database to search** for examples of how institutions are using NSSE, BCSS, and FSSE data

Access from NSSE homepage
More than 500 examples in a searchable database



Making the Most of Data – Sharing Results and Taking Action

- ▶ Think about potential audiences – *find relevancy*
- ▶ Consider various strategies for sharing results – *deliver in small doses, add narrative*
- ▶ Link to other assessment data to tell a more comprehensive story.
- ▶ Teach small groups about the data, help them use it in program review, to assess the first year experience, to inform faculty development - and then share their use with others.
- ▶ Share lessons learned, and action taken with campus constituents – *especially students.*

Institutional Example: Sharing Results Champlain College Report

College-Wide Results – Highest and Lowest Levels of Engagement

In the following section, a ☺ indicates that getting a low score on this item is a positive indicator of engagement. A ☹ indicates that getting a high score on this item adversely affects engagement.


Champlain's Top Ten Mean NSSE Scores (highest on top)

1. Use Email to communicate with instructor
2. Use computers in academic work
3. Would go to same college all over again
4. Quality of relationships with other students
5. Entire experience at Champlain College
6. Use computing and information technology
7. Coursework emphasizes analytical work
8. Quality of academic advising
9. Quality of relationships with faculty
10. Working effectively with others

Champlain Scored Significantly Lower than Selected Peers in

1. Foreign language coursework
2. Senior project or thesis
3. Had serious conversations with students of different race or ethnicity
4. Participate in a learning community
5. Independent study or self-designed major (SR)
6. Study abroad (SR)
7. Attending campus events and activities (SR Only)
8. Memorizing facts ☹

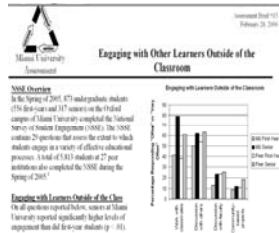
Create lists of Highs and Lows, in comparison to different groups



Institutional Example: Sharing Results Miami University Reports

▶ Created awareness via short, *Assessment Briefs*. Explored degree to which first-years & seniors engaged in “learning activities outside the classroom” (4 items).

Campus desired to stand out on these dimensions – Departments identified good practice and increased opportunities for students.




Institutional Example: Sharing Results UNC Wilmington Report

Connect NSSE to General Ed Assessment: UNCW Report of the General Education Assessment Committee.

Presented Evidence from NSSE, Campus Climate survey, Miville-Guzman Universality-Diversity Scale – (M-GUDSS) that measures the learning outcome “Intercultural Effectiveness. Used NSSE’s 5 diversity items.


“UNCW students scored at or below, sometimes significantly below, students at master’s institutions, on items such as: ‘To what extent has your experience at this institution contributed to your knowledge, skills, and personal development in the [area of] understanding people of other racial and ethnic backgrounds?... While NSSE does not directly measure student learning about diversity, there is a clear need to examine further the extent of diversity learning at UNCW with the ultimate goal of improvement.”



Displaying Your Results

▶ “Guidelines for Display of NSSE Results on Institutional Web Sites” can help you determine how to display your results

▶ Examples of sites:
nsse.iub.edu/links/website_displays



Guidelines for Display document includes helpful tips, for example:


- Do not use “national” as a comparison group or “nationally representative”, instead use “NSSE cohort” or “NSSE sample”
- Benchmarks are presented on a 0 -100 scale, but they are not percentages – use “scores.”
- Keep first-year and senior data distinct.
- Do not compare FY to SR results to imply a measure of student “growth” or “development”

See Addressing Common Pitfalls for Displaying NSSE Results:
nsse.iub.edu/pdf/website_guidelines.pdf

Displaying Your Results

With the inclusion of Benchmark comparisons, student comments, and an overview of NSSE results, Kalamazoo College provides a good example of displaying results.

More examples:
nsse.iub.edu/links/website_displays



Beyond Your Reports...

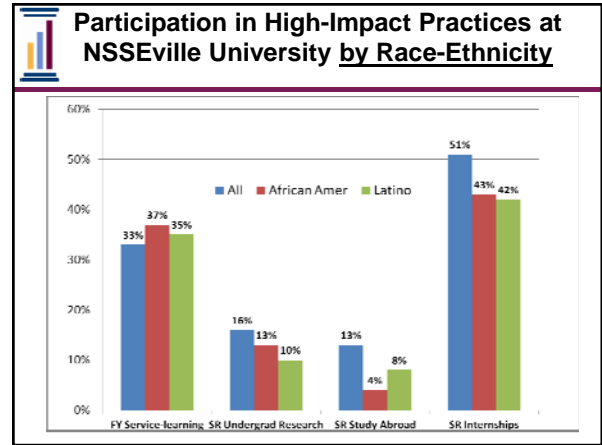
- Use your datafile for additional analyses
 - Combine with other institutional data, combine 2 years of results to study seniors by major
- Take advantage of NSSE Advanced Webinars "Digging Deeper" Series (see Webinar Archives)
- Some possible analyses:
 - Disaggregate by race-ethnicity, first-generation status
 - Use "evaluate entire experience" (ENTIREEXP) and "start over" (SAMECOLL) as outcomes
 - Add retention results to explore factors related to first-year student persistence

Analysis: High-Impact Practices

- What proportion of seniors have had 2 or more high-impact practices?
- Are certain high-impact practices distinct to specific majors?
- Do first-year students expect to participate in high-impact practices equally? Are some practices over-demanded?

Comparison Table in Annual Results


Institutional Characteristics	First-Year Students			Seniors			
	Learning Community	Service-Learning	Cultivating Experience	Internship/Practicum	Research with Faculty	Service-Learning	Study Abroad
2010 Basic College Profile	22	37	29	52	24	42	18
Kalamazoo College	24	41	32	48	20	46	14



Launching an Updated NSSE

Updated for 2013

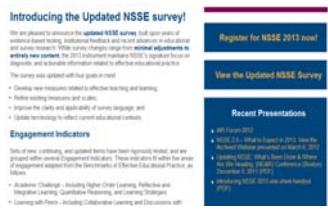
Higher education is constantly changing, and it is important for NSSE to stay relevant to the most salient issues and priorities of institutional assessment and research.




NSSE 2013

- Preserves what NSSE does well, and integrates what we have learned over the past decade
- Consider what this means for your participation cycle and comparing data over time

For more information:
[NSSE homepage](http://nsse.org)
nsse@indiana.edu






Transitioning to Updated NSSE

- From “Benchmarks” to “Engagement Indicators”
- Comparing results over time
 - Check out **“Item-by-Item” Comparison sheet** - Many items remain unchanged, others modified, and a few dropped -- limiting longitudinal comparability of individual questions and historical benchmarks.
 - Some new results will not be directly comparable to past

Institutions will still be able to evaluate longitudinal questions with NSSE 2013. For instance, if previous comparison group results indicate above average performance in a particular area, institutions will still be able to gauge whether they outperform the same or a similar comparison group.

How Has the Survey Changed?

Survey changes range from new items to minor revisions. Compared to NSSE 2012, about a quarter



Category	Percentage
New	25%
No Change	22%
Modified wording	28%
Rewritten	25%


** © 2012 by Indiana

For More Information...

Ask us questions, let us know how things are going...

- Jillian Kinzie jikinzie@indiana.edu (812-856-1430)
- Shimon Sarraf ssarraf@indiana.edu (812-856-2169)

Copies of papers and presentations as well as annual reports and other information are available through the Web site www.nsse.iub.edu



NSSE
national survey of
student engagement