



Updating NSSE: What's Been Done & Where Are We Heading



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Introduction to NSSE 2.0

Key Points:


- Preserves what NSSE does well
- Builds on more than a decade in the field
- Addresses emerging issues
- Scholarly, rigorous, and collaborative development process



Introduction to NSSE 2.0


Primary Goals:

- Develop new measures related to effective teaching and learning
- Improve clarity and applicability of survey language
- Update terminology to reflect today's landscape (e.g., growing online student population)
- Refine existing measures and scales, including Benchmarks

Development Process


- Internal committee work started in 2009
- Consultation with higher education experts
- Institutional feedback
- Beta item testing (2006 to 2011)
- Pilot testing in spring 2011 & 2012
- Student interviews and focus groups





New Content

- Teaching Clarity
- Quantitative Reasoning
- Learning Strategies
- Academic Advising
- Enriching Educational Experiences





New Content

Teaching Clarity

To what extent have your instructors...

- Used examples or illustrations to explain difficult points


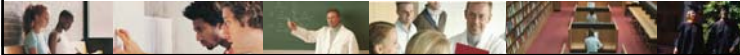


New Content

Quantitative Reasoning

How often have you...

- Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)





New Content

Learning Strategies

How often have you...

- Summarized what you learned in class or from course materials






New Content

Academic Support

About how many times have you...

- Met with an academic advisor to discuss your academic interests, course selection, and/or academic performance?






New Content

Enriching Educational Experiences



Which of the following have you done...

- Hold a formal leadership role in a student organization or group

Revised Content


- Collaborative Learning
- Higher Order Learning
- Student-Faculty Interaction
- Supportive Campus Environment
- Diverse interactions
- Writing
- Demographics





Revised Content

More straightforward wording

- How much has your coursework emphasized...
 - *Current version* Making judgments about the value of information, arguments, or methods, such as examining how others gathered and interpreted data and assessing the soundness of their conclusions
 - *Pilot version* Evaluating a point of view, decision, or information source







Revised Content

Broader approach so a greater number of important activities get included



- How often have you...
 - *Current version* Tutored or taught other students (paid or voluntary)
 - *Pilot version* Explained course material to one or more students

Revised Content

Refined language for online learners

- How often have you...
 - *Current version* Asked questions in class or contributed to class discussions
 - *Pilot version* Asked questions or contributed to course discussions

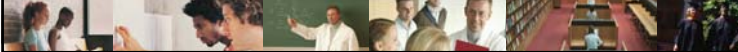




Revised Content

Updated Items (simplifying)

Current version

- During the current school year, about how much reading and writing have you done?
 - Number of written papers or reports of fewer than 5 pages
 - None, 1-4, 5-10, 11-20, More than 20






Revised Content

Updated Items (simplifying)

Current version

- During the current school year, about how many times have you written a paper, report, or other written assignment that was of the following length?
 - Up to 5 pages
 - None, 1-2, 3-5, 6-10, 11-15, 16-20, More than 20





Pilot Administrations



Similar to standard NSSE administration

- All first-year and senior students invited, unless random sample requested by institution
- Web only

2011: 19 institutions



- 20,000 respondents; 28% response rate

2012: 58 institutions (results tbd)

Our Process



- Exploratory factor analysis
- Confirmatory factor analysis
- Item Response Theory
- Concurrent, construct and predictive validity
- Internal consistency
- Cognitive interviews
- Focus groups
- Respondent comments
- Institutional user feedback (focus groups)
- Other external review
 - National & Technical Advisory boards

Scale Properties*

Content Area	Cronbach's Alpha
Collaborative Learning	.88
Higher Order Learning	.87
Teaching Clarity	.85
Quantitative Reasoning	.89

*Based on NSSE 2.0 Pilot 2011 data.

Future Plans

- **2nd Pilot Administration (Feb-March)**
 - Student interviews and focus groups
- **Analysis (April-May)**
- **NSSE 2.0 ready (June)**
 - Unveiling at AIR (New Orleans)
 - 2013 Invitation to Participate





Future Plans

Modules (test with 2012 pilot)


- Civic Engagement
- Development of Transferable Skills
- Engagement with Diverse Perspectives
- Academic Advising
- Technology



Future Plans

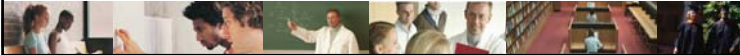
Updating FSSE and BCSSE

- FSSE updated in 2013 along with NSSE
- BCSSE updated in 2013 (Summer)



Discussion Questions

- How will changes affect your longitudinal tracking, assessments, reporting, etc.?
- Any additional topical areas we should explore?
- What can NSSE do to ensure a smooth transition for institutions?
- Other module content you'd like to see?



Thank You



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