



NSSE 2016

Engagement Indicators

Saint Ambrose University

About Your Engagement Indicators Report

Engagement Indicators (EIs) provide a useful summary of the detailed information contained in your students' NSSE responses. By combining responses to related NSSE questions, each EI offers valuable information about a distinct aspect of student engagement. Ten indicators, based on three to eight survey questions each (a total of 47 survey questions), are organized into four broad themes as shown at right.

Theme	Engagement Indicator
<i>Academic Challenge</i>	Higher-Order Learning Reflective & Integrative Learning Learning Strategies Quantitative Reasoning
<i>Learning with Peers</i>	Collaborative Learning Discussions with Diverse Others
<i>Experiences with Faculty</i>	Student-Faculty Interaction Effective Teaching Practices
<i>Campus Environment</i>	Quality of Interactions Supportive Environment

Report Sections

- Overview (p. 3)** Displays how average EI scores for your first-year and senior students compare with those of students at your comparison group institutions.
- Theme Reports (pp. 4-13)** Detailed views of EI scores within the four themes for your students and those at comparison group institutions. Three views offer varied insights into your EI scores:

 - Mean Comparisons**
Straightforward comparisons of average scores between your students and those at comparison group institutions, with tests of significance and effect sizes (see below).
 - Score Distributions**
Box-and-whisker charts show the variation in scores *within* your institution and comparison groups.
 - Performance on Indicator Items**
Responses to each item in a given EI are summarized for your institution and comparison groups.
- Comparisons with High-Performing Institutions (p. 15)** Comparisons of your students' average scores on each EI with those of students at institutions whose average scores were in the top 50% and top 10% of 2015 and 2016 participating institutions.
- Detailed Statistics (pp. 16-19)** Detailed information about EI score means, distributions, and tests of statistical significance.

Interpreting Comparisons

Mean comparisons report both statistical significance and effect size. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview (p. 3).

EIs vary more among students within an institution than between institutions, like many experiences and outcomes in higher education. As a result, focusing attention on average scores alone amounts to examining the tip of the iceberg. It's equally important to understand how student engagement varies within your institution. Score distributions indicate how EI scores vary among your students and those in your comparison groups. The Report Builder—Institution Version and your *Major Field Report* (both to be released in the fall) offer valuable perspectives on internal variation and help you investigate your students' engagement in depth.

How Engagement Indicators are Computed

Each EI is scored on a 60-point scale. To produce an indicator score, the response set for each item is converted to a 60-point scale (e.g., Never = 0; Sometimes = 20; Often = 40; Very often = 60), and the rescaled items are averaged. Thus a score of zero means a student responded at the bottom of the scale for every item in the EI, while a score of 60 indicates responses at the top of the scale on every item.

For more information on EIs and their psychometric properties, refer to the NSSE website: nsse.indiana.edu

Engagement Indicators: Overview

Engagement Indicators are summary measures based on sets of NSSE questions examining key dimensions of student engagement. The ten indicators are organized within four broad themes: Academic Challenge, Learning with Peers, Experiences with Faculty, and Campus Environment. The tables below compare average scores for your students with those in your comparison groups.

Use the following key:

- ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
- △ **Your students' average** was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
- No significant difference.
- ▽ **Your students' average** was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
- ▼ **Your students' average** was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

First-Year Students

<i>Theme</i>	<i>Engagement Indicator</i>	Your first-year students compared with Pvt Plains & Lakes	Your first-year students compared with Strat Enroll Comps	Your first-year students compared with NSSE 2015 & 2016
<i>Academic Challenge</i>	Higher-Order Learning	--	--	--
	Reflective & Integrative Learning	--	--	--
	Learning Strategies	--	--	--
	Quantitative Reasoning	--	--	--
<i>Learning with Peers</i>	Collaborative Learning	--	--	--
	Discussions with Diverse Others	--	▽	--
<i>Experiences with Faculty</i>	Student-Faculty Interaction	--	--	△
	Effective Teaching Practices	--	▽	--
<i>Campus Environment</i>	Quality of Interactions	--	--	△
	Supportive Environment	--	--	--

Seniors

<i>Theme</i>	<i>Engagement Indicator</i>	Your seniors compared with Pvt Plains & Lakes	Your seniors compared with Strat Enroll Comps	Your seniors compared with NSSE 2015 & 2016
<i>Academic Challenge</i>	Higher-Order Learning	▼	▼	▽
	Reflective & Integrative Learning	▼	▼	▼
	Learning Strategies	▼	▼	▼
	Quantitative Reasoning	▽	--	▽
<i>Learning with Peers</i>	Collaborative Learning	▽	▼	--
	Discussions with Diverse Others	▼	▼	▼
<i>Experiences with Faculty</i>	Student-Faculty Interaction	--	--	--
	Effective Teaching Practices	▽	▽	▽
<i>Campus Environment</i>	Quality of Interactions	--	--	△
	Supportive Environment	--	--	--

Academic Challenge: First-year students

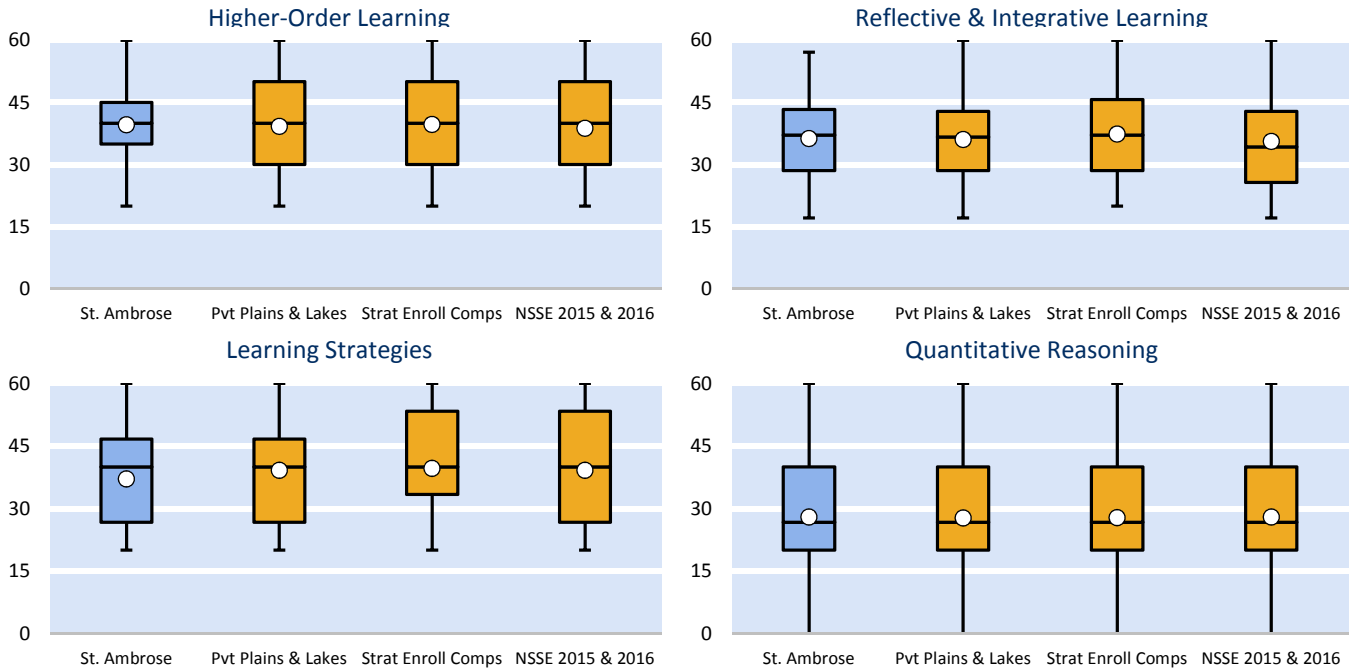
Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme: *Higher-Order Learning*, *Reflective & Integrative Learning*, *Learning Strategies*, and *Quantitative Reasoning*. Below and on the next page are three views of your results alongside those of your comparison groups.

Mean Comparisons

Engagement Indicator	St. Ambrose Mean	Your first-year students compared with					
		Pvt Plains & Lakes		Strat Enroll Comps		NSSE 2015 & 2016	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Higher-Order Learning	39.6	39.3	.03	39.7	.00	38.8	.06
Reflective & Integrative Learning	36.3	36.1	.02	37.4	-.09	35.6	.06
Learning Strategies	37.1	39.1	-.15	39.6	-.18	39.2	-.15
Quantitative Reasoning	28.0	27.7	.01	27.8	.01	28.0	.00

Notes: Results weighted by institution-reported sex and enrollment status (and institution size for comparison groups); Effect size: Mean difference divided by pooled standard deviation; Symbols on the Overview page are based on effect size and *p* before rounding; **p* < .05, ***p* < .01, ****p* < .001 (2-tailed).

Score Distributions






















































Notes: Each box-and-whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot represents the mean score. Refer to Detailed Statistics for your institution's sample sizes.

Academic Challenge: First-year students (continued)

Performance on Indicator Items

The table below displays how your students responded to each EI item, and the difference, in percentage points, between your students and those of your comparison group. Blue bars indicate how much **higher** your institution's percentage is from that of the comparison group. Orange bars indicate how much **lower** your institution's percentage is from that of the comparison group.

	St. Ambrose	Percentage point difference ^a between your FY students and		
		Pvt Plains & Lakes	Strat Enroll Comps	NSSE 2015 & 2016
Higher-Order Learning				
<i>Percentage responding "Very much" or "Quite a bit" about how much coursework emphasized...</i>				
	%			
4b. Applying facts, theories, or methods to practical problems or new situations	78	+4 	+4 	+6 
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	73	-1 	-3 	+1 
4d. Evaluating a point of view, decision, or information source	74	+4 	+2 	+4 
4e. Forming a new idea or understanding from various pieces of information	78	+8 	+8 	+9 
Reflective & Integrative Learning				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
2a. Combined ideas from different courses when completing assignments	56	+0 	-5 	+2 
2b. Connected your learning to societal problems or issues	60	+6 	-0 	+7 
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	60	+7 	+0 	+9 
2d. Examined the strengths and weaknesses of your own views on a topic or issue	69	+4 	+2 	+6 
2e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	69	+1 	-1 	+1 
2f. Learned something that changed the way you understand an issue or concept	64	-3 	-3 	-2 
2g. Connected ideas from your courses to your prior experiences and knowledge	77	-2 	-6 	+0 
Learning Strategies				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
9a. Identified key information from reading assignments	77	-5 	-5 	-2 
9b. Reviewed your notes after class	59	-5 	-9 	-7 
9c. Summarized what you learned in class or from course materials	61	-2 	-4 	-2 
Quantitative Reasoning				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
6a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	58	+5 	+7 	+5 
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	37	-2 	-2 	-3 
6c. Evaluated what others have concluded from numerical information	30	-9 	-11 	-9 

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.

a. Percentage point difference = Institution percentage – Comparison group percentage. Because results are rounded to whole numbers, differences of less than 1 point may or may not display a bar. Small, but nonzero differences may be represented as +0 or -0.

Academic Challenge: Seniors

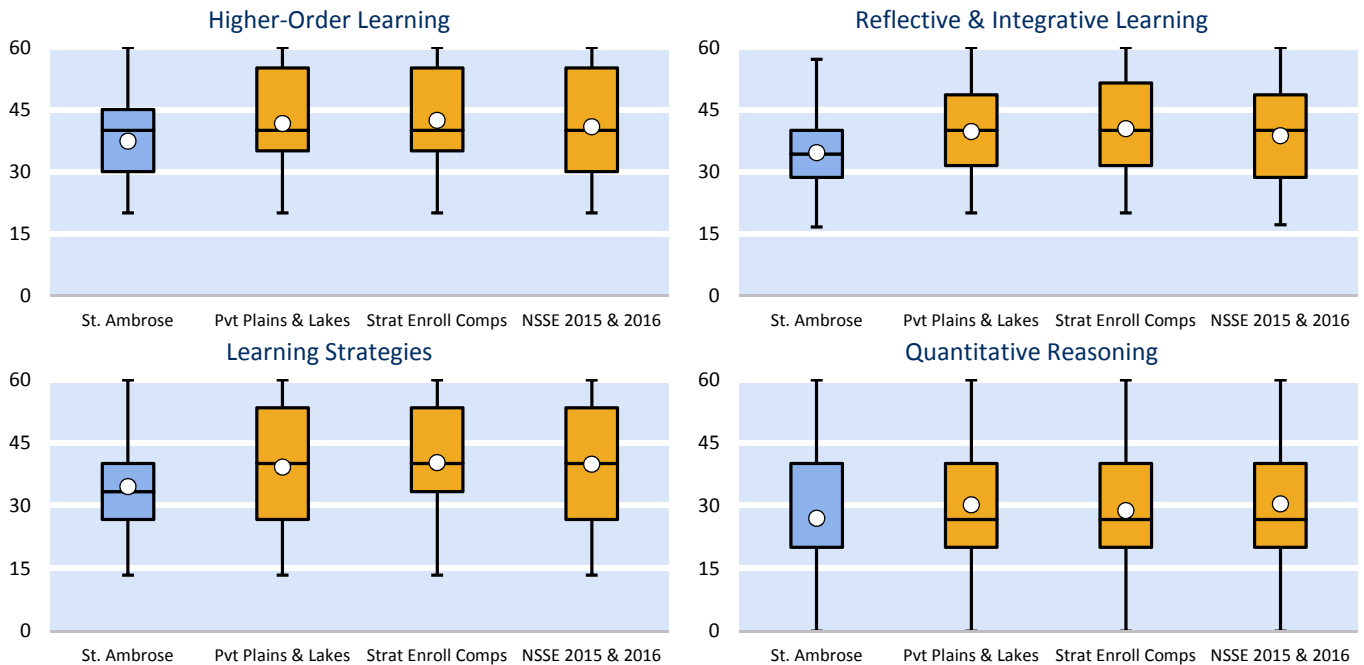
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Mean Comparisons

Engagement Indicator	St. Ambrose Mean	Your seniors compared with					
		Pvt Plains & Lakes		Strat Enroll Comps		NSSE 2015 & 2016	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Higher-Order Learning	37.3	41.6 ***	-.31	42.4 ***	-.38	40.9 ***	-.25
Reflective & Integrative Learning	34.6	39.7 ***	-.40	40.4 ***	-.46	38.7 ***	-.31
Learning Strategies	34.5	39.2 ***	-.32	40.3 ***	-.40	39.9 ***	-.36
Quantitative Reasoning	26.9	30.1 **	-.19	28.8	-.11	30.3 **	-.20

Notes: Results weighted by institution-reported sex and enrollment status (and institution size for comparison groups); Effect size: Mean difference divided by pooled standard deviation; Symbols on the Overview page are based on effect size and *p* before rounding; **p* < .05, ***p* < .01, ****p* < .001 (2-tailed).

Score Distributions






















































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Academic Challenge: Seniors (continued)

Performance on Indicator Items

The table below displays how your students responded to each EI item, and the difference, in percentage points, between your students and those of your comparison group. Blue bars indicate how much **higher** your institution's percentage is from that of the comparison group. Orange bars indicate how much **lower** your institution's percentage is from that of the comparison group.

	St. Ambrose	Percentage point difference ^a between your seniors and		
		Pvt Plains & Lakes	Strat Enroll Comps	NSSE 2015 & 2016
Higher-Order Learning				
<i>Percentage responding "Very much" or "Quite a bit" about how much coursework emphasized...</i>				
	%			
4b. Applying facts, theories, or methods to practical problems or new situations	76	 -4	 -4	 -2
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	70	 -8	 -9	 -6
4d. Evaluating a point of view, decision, or information source	68	 -6	 -11	 -4
4e. Forming a new idea or understanding from various pieces of information	66	 -8	 -10	 -6
Reflective & Integrative Learning				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
2a. Combined ideas from different courses when completing assignments	68	 -4	 -4	 -2
2b. Connected your learning to societal problems or issues	57	 -10	 -14	 -7
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	41	 -18	 -21	 -14
2d. Examined the strengths and weaknesses of your own views on a topic or issue	52	 -17	 -19	 -14
2e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	65	 -8	 -11	 -6
2f. Learned something that changed the way you understand an issue or concept	60	 -11	 -13	 -10
2g. Connected ideas from your courses to your prior experiences and knowledge	79	 -6	 -6	 -4
Learning Strategies				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
9a. Identified key information from reading assignments	70	 -13	 -12	 -12
9b. Reviewed your notes after class	55	 -4	 -10	 -8
9c. Summarized what you learned in class or from course materials	55	 -9	 -13	 -11
Quantitative Reasoning				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
6a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	43	 -12	 -8	 -13
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	36	 -9	 -5	 -10
6c. Evaluated what others have concluded from numerical information	39	 -6	 -4	 -6

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.

a. Percentage point difference = Institution percentage – Comparison group percentage. Because results are rounded to whole numbers, differences of less than 1 point may or may not display a bar. Small, but nonzero differences may be represented as +0 or -0.

Learning with Peers: First-year students

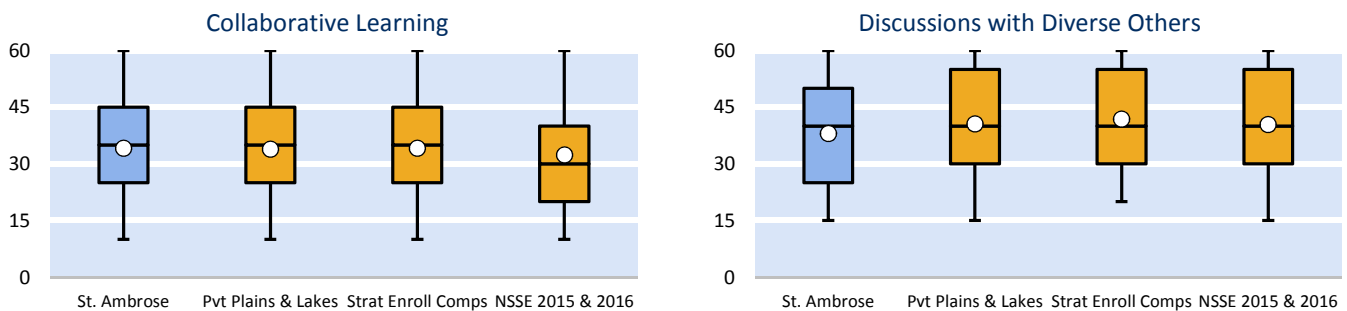
Collaborating with others in mastering difficult material and developing interpersonal and social competence prepare students to deal with complex, unscripted problems they will encounter during and after college. Two Engagement Indicators make up this theme: *Collaborative Learning* and *Discussions with Diverse Others*. Below are three views of your results alongside those of your comparison groups.

Mean Comparisons

Engagement Indicator	St. Ambrose Mean	Your first-year students compared with					
		Pvt Plains & Lakes Effect size		Strat Enroll Comps Effect size		NSSE 2015 & 2016 Effect size	
		Mean		Mean		Mean	
Collaborative Learning	34.1	33.9	.01	34.1	.00	32.3	.12
Discussions with Diverse Others	38.0	40.6	-.17	41.8 *	-.26	40.4	-.15

Notes: Results weighted by institution-reported sex and enrollment status (and institution size for comparison groups); Effect size: Mean difference divided by pooled standard deviation; Symbols on the Overview page are based on effect size and *p* before rounding; **p* < .05, ***p* < .01, ****p* < .001 (2-tailed).

Score Distributions



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Performance on Indicator Items

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Engagement Indicator	St. Ambrose %	Percentage point difference ^a between your FY students and		
		Pvt Plains & Lakes	Strat Enroll Comps	NSSE 2015 & 2016
Collaborative Learning				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
1e. Asked another student to help you understand course material	56	+1	-0	+5
1f. Explained course material to one or more students	60	-0	-1	+3
1g. Prepared for exams by discussing or working through course material with other students	52	-1	-2	+2
1h. Worked with other students on course projects or assignments	64	+6	+4	+11
Discussions with Diverse Others				
<i>Percentage of students who responded that they "Very often" or "Often" had discussions with...</i>				
8a. People from a race or ethnicity other than your own	58	-14	-22	-14
8b. People from an economic background other than your own	67	-7	-10	-5
8c. People with religious beliefs other than your own	66	-1	-1	-2
8d. People with political views other than your own	70	+1	+1	+2

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Learning with Peers: Seniors

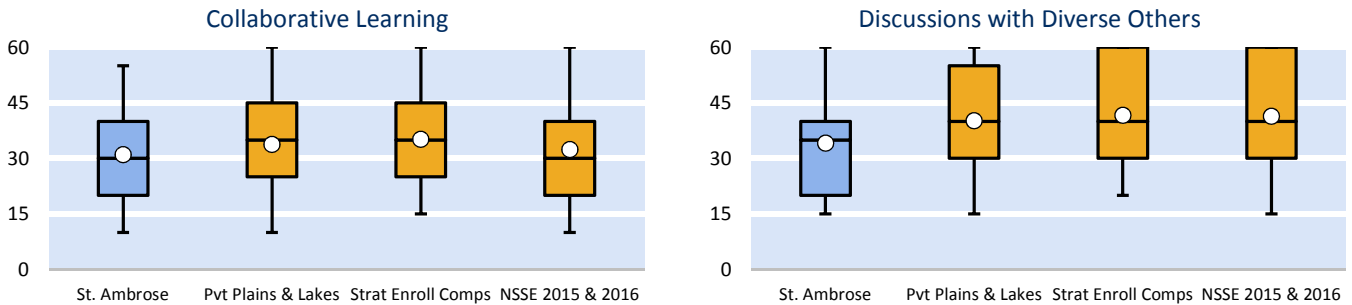
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Discussions with Diverse Others	34.1	40.2 ***	-.39	41.6 ***	-.50	41.3 ***	-.45

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1f. Explained course material to one or more students	56	-6	-9	-3
1g. Prepared for exams by discussing or working through course material with other students	47	-2	-4	+1
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Discussions with Diverse Others				
Percentage of students who responded that they "Very often" or "Often" had discussions with...				
8a. People from a race or ethnicity other than your own	49	-19	-24	-23
8b. People from an economic background other than your own	55	-17	-21	-19
8c. People with religious beliefs other than your own	55	-11	-15	-15
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Experiences with Faculty: First-year students

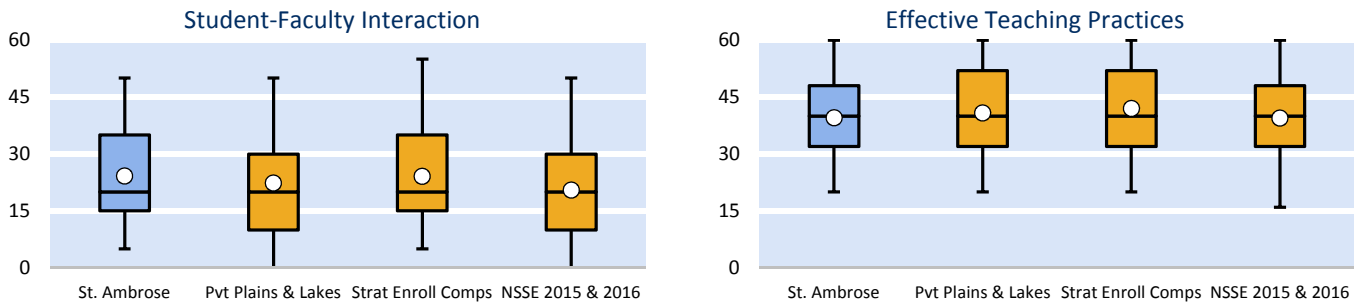
Students learn firsthand how experts think about and solve problems by interacting with faculty members inside and outside of instructional settings. As a result, faculty become role models, mentors, and guides for lifelong learning. In addition, effective teaching requires that faculty deliver course material and provide feedback in student-centered ways. Two Engagement Indicators investigate this theme: *Student-Faculty Interaction* and *Effective Teaching Practices*. Below are three views of your results alongside those of your comparison groups.

Mean Comparisons

Engagement Indicator	St. Ambrose Mean	Your first-year students compared with					
		Pvt Plains & Lakes		Strat Enroll Comps		NSSE 2015 & 2016	
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Effective Teaching Practices	39.5	40.8	-.10	41.9 *	-.19	39.4	.01

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Performance on Indicator Items

The table below displays how your students responded to each EI item, and the difference, in percentage points, between your students and those of your comparison group. Blue bars indicate how much **higher** your institution's percentage is from that of the comparison group. Orange bars indicate how much **lower** your institution's percentage is from that of the comparison group.

Student-Faculty Interaction	St. Ambrose %	Percentage point difference ^a between your FY students and		
		Pvt Plains & Lakes	Strat Enroll Comps	NSSE 2015 & 2016
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
3a. Talked about career plans with a faculty member	41	+6	+1	+8
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	25	+4	-0	+6
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	31	+2	+1	+5
3d. Discussed your academic performance with a faculty member	37	+6	+3	+8
<i>Effective Teaching Practices</i>				
<i>Percentage responding "Very much" or "Quite a bit" about how much instructors have...</i>				
5a. Clearly explained course goals and requirements	76	-6	-7	-3
5b. Taught course sessions in an organized way	84	+3	+2	+6
5c. Used examples or illustrations to explain difficult points	78	-0	-0	+3
5d. Provided feedback on a draft or work in progress	74	+6	+0	+10
5e. Provided prompt and detailed feedback on tests or completed assignments	69	+2	-1	+8

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.

a. Percentage point difference = Institution percentage – Comparison group percentage. Because results are rounded to whole numbers, differences of less than 1 point may or may not display a bar. Small, but nonzero differences may be represented as +0 or -0.

Experiences with Faculty: Seniors

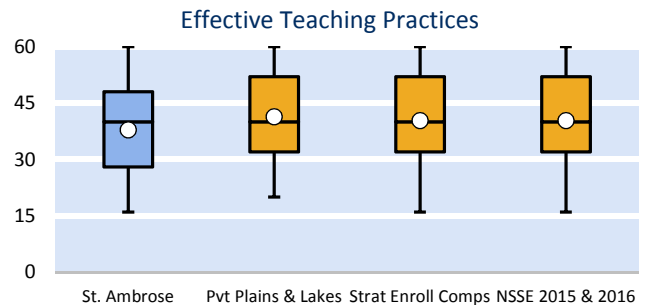
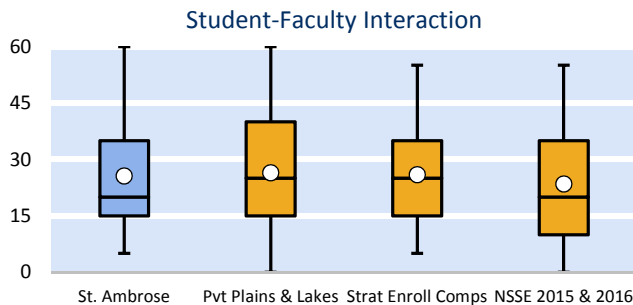
Students learn firsthand how experts think about and solve problems by interacting with faculty members inside and outside of instructional settings. As a result, faculty become role models, mentors, and guides for lifelong learning. In addition, effective teaching requires that faculty deliver course material and provide feedback in student-centered ways. Two Engagement Indicators investigate this theme: *Student-Faculty Interaction* and *Effective Teaching Practices*. Below are three views of your results alongside those of your comparison groups.

Mean Comparisons

Engagement Indicator	St. Ambrose Mean	Your seniors compared with					
		Pvt Plains & Lakes		Strat Enroll Comps		NSSE 2015 & 2016	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Student-Faculty Interaction	25.5	26.4	-.05	25.9	-.02	23.5	.13
Effective Teaching Practices	37.8	41.3 ***	-.26	40.3 *	-.18	40.3 *	-.18

Notes: Results weighted by institution-reported sex and enrollment status (and institution size for comparison groups); Effect size: Mean difference divided by pooled standard deviation; Symbols on the Overview page are based on effect size and *p* before rounding: **p* < .05, ***p* < .01, ****p* < .001 (2-tailed).

Score Distributions



Notes: Each box-and-whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot represents the mean score. Refer to Detailed Statistics for your institution's sample sizes.

Performance on Indicator Items

The table below displays how your students responded to each EI item, and the difference, in percentage points, between your students and those of your comparison group. Blue bars indicate how much **higher** your institution's percentage is from that of the comparison group. Orange bars indicate how much **lower** your institution's percentage is from that of the comparison group.

Student-Faculty Interaction	St. Ambrose	Percentage point difference ^a between your seniors and		
		Pvt Plains & Lakes	Strat Enroll Comps	NSSE 2015 & 2016
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
	%			
3a. Talked about career plans with a faculty member	48	-2	-0	+6
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	28	-3	-2	+1
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	35	-5	-2	+2
3d. Discussed your academic performance with a faculty member	34	-2	-2	+1
<i>Effective Teaching Practices</i>				
<i>Percentage responding "Very much" or "Quite a bit" about how much instructors have...</i>				
5a. Clearly explained course goals and requirements	75	-8	-5	-6
5b. Taught course sessions in an organized way	74	-8	-5	-5
5c. Used examples or illustrations to explain difficult points	79	-2	+0	+0
5d. Provided feedback on a draft or work in progress	58	-7	-6	-4
5e. Provided prompt and detailed feedback on tests or completed assignments	63	-7	-5	-3

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.

a. Percentage point difference = Institution percentage – Comparison group percentage. Because results are rounded to whole numbers, differences of less than 1 point may or may not display a bar. Small, but nonzero differences may be represented as +0 or -0.

Campus Environment: First-year students

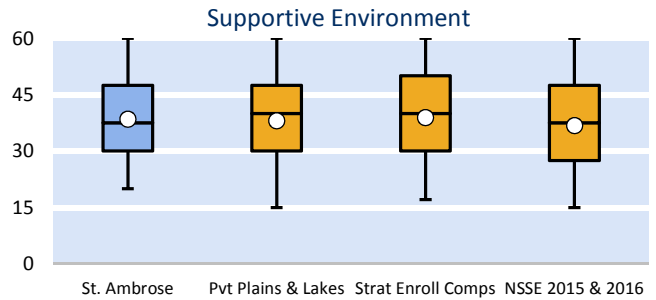
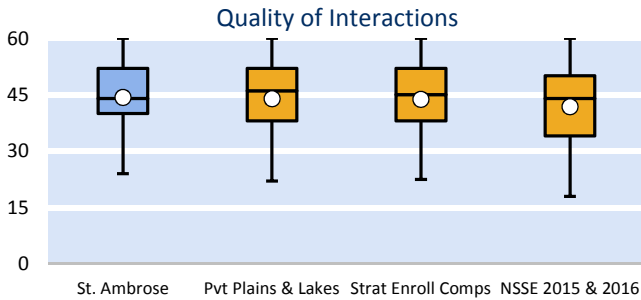
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment*. Below are three views of your results alongside those of your comparison groups.

Mean Comparisons

Engagement Indicator	St. Ambrose Mean	Your first-year students compared with					
		Pvt Plains & Lakes		Strat Enroll Comps		NSSE 2015 & 2016	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Quality of Interactions	44.3	44.0	.03	43.8	.04	41.8 *	.20
Supportive Environment	38.5	38.1	.03	38.9	-.03	36.8	.12

Notes: Results weighted by institution-reported sex and enrollment status (and institution size for comparison groups); Effect size: Mean difference divided by pooled standard deviation; Symbols on the Overview page are based on effect size and *p* before rounding; **p* < .05, ***p* < .01, ****p* < .001 (2-tailed).

Score Distributions



Notes: Each box-and-whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot represents the mean score. Refer to Detailed Statistics for your institution's sample sizes.

Performance on Indicator Items

The table below displays how your students responded to each EI item, and the difference, in percentage points, between your students and those of your comparison group. Blue bars indicate how much **higher** your institution's percentage is from that of the comparison group. Orange bars indicate how much **lower** your institution's percentage is from that of the comparison group.

Quality of Interactions	St. Ambrose %	Percentage point difference ^a between your FY students and		
		Pvt Plains & Lakes	Strat Enroll Comps	NSSE 2015 & 2016
<i>Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with...</i>				
13a. Students	57	-4	-2	+1
13b. Academic advisors	47	-9	-7	-3
13c. Faculty	55	-2	-1	+5
13d. Student services staff (career services, student activities, housing, etc.)	58	+8	+12	+14
13e. Other administrative staff and offices (registrar, financial aid, etc.)	54	+4	+7	+12
<i>Supportive Environment</i>				
<i>Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...</i>				
14b. Providing support to help students succeed academically	79	-2	-2	+2
14c. Using learning support services (tutoring services, writing center, etc.)	84	+5	+6	+7
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	66	+3	+1	+5
14e. Providing opportunities to be involved socially	78	+3	+5	+6
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	76	+4	+3	+6
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	44	-1	-3	+0
14h. Attending campus activities and events (performing arts, athletic events, etc.)	69	-1	+1	+3
14i. Attending events that address important social, economic, or political issues	62	+6	+7	+10

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.

a. Percentage point difference = Institution percentage – Comparison group percentage. Because results are rounded to whole numbers, differences of less than 1 point may or may not display a bar. Small, but nonzero differences may be represented as +0 or -0.

Campus Environment: Seniors

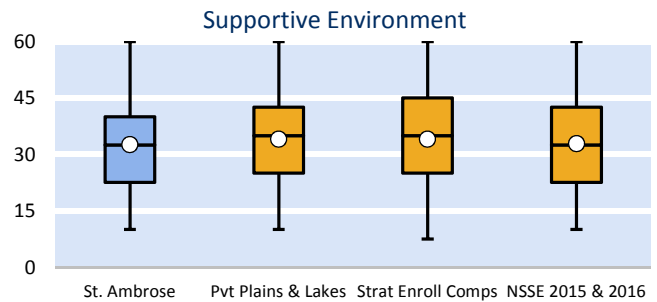
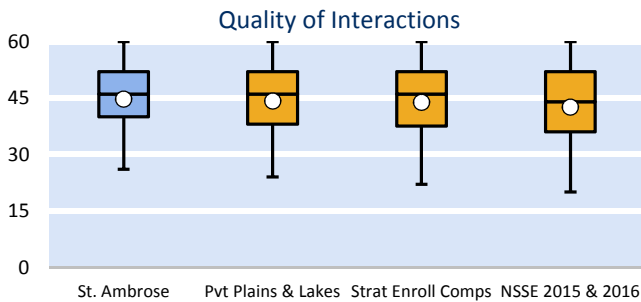
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment*. Below are three views of your results alongside those of your comparison groups.

Mean Comparisons

Engagement Indicator	St. Ambrose Mean	Your seniors compared with					
		Pvt Plains & Lakes		Strat Enroll Comps		NSSE 2015 & 2016	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Quality of Interactions	44.7	44.2	.05	43.8	.08	42.6 **	.18
Supportive Environment	32.6	34.1	-.11	34.1	-.10	32.9	-.02

Notes: Results weighted by institution-reported sex and enrollment status (and institution size for comparison groups); Effect size: Mean difference divided by pooled standard deviation; Symbols on the Overview page are based on effect size and *p* before rounding; **p* < .05, ***p* < .01, ****p* < .001 (2-tailed).

Score Distributions



Notes: Each box-and-whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot represents the mean score. Refer to Detailed Statistics for your institution's sample sizes.

Performance on Indicator Items

The table below displays how your students responded to each EI item, and the difference, in percentage points, between your students and those of your comparison group. Blue bars indicate how much **higher** your institution's percentage is from that of the comparison group. Orange bars indicate how much **lower** your institution's percentage is from that of the comparison group.

Quality of Interactions	St. Ambrose	Percentage point difference ^a between your seniors and		
		Pvt Plains & Lakes	Strat Enroll Comps	NSSE 2015 & 2016
<i>Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with...</i>				
13a. Students	64	+0	+1	+3
13b. Academic advisors	64	+3	+7	+11
13c. Faculty	64	-0	+1	+5
13d. Student services staff (career services, student activities, housing, etc.)	46	+1	+2	+3
13e. Other administrative staff and offices (registrar, financial aid, etc.)	41	-5	-4	-1
<i>Supportive Environment</i>				
<i>Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...</i>				
14b. Providing support to help students succeed academically	73	-4	-2	+1
14c. Using learning support services (tutoring services, writing center, etc.)	65	-5	-6	-2
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	49	-5	-9	-5
14e. Providing opportunities to be involved socially	74	+5	+8	+8
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	65	+3	+2	+4
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	32	-1	-1	-0
14h. Attending campus activities and events (performing arts, athletic events, etc.)	55	-5	-2	-2
14i. Attending events that address important social, economic, or political issues	50	+1	+3	+5

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.

a. Percentage point difference = Institution percentage – Comparison group percentage. Because results are rounded to whole numbers, differences of less than 1 point may or may not display a bar. Small, but nonzero differences may be represented as +0 or -0.

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Comparisons with Top 50% and Top 10% Institutions

While NSSE's policy is not to rank institutions (see nsse.indiana.edu/html/position_policies.cfm), the results below are designed to compare the engagement of your students with those attending two groups of institutions identified by NSSE^a for their high average levels of student engagement:

- (a) institutions with average scores placing them in the top 50% of all 2015 and 2016 NSSE institutions, and
- (b) institutions with average scores placing them in the top 10% of all 2015 and 2016 NSSE institutions.

While the average scores for most institutions are below the mean for the top 50% or top 10%, your institution may show areas of distinction where your average student was as engaged as (or even more engaged than) the typical student at high-performing institutions. A check mark (✓) signifies those comparisons where your average score was at least comparable^b to that of the high-performing group. However, the presence of a check mark does not necessarily mean that your institution was a member of that group.

It should be noted that most of the variability in student engagement is within, not between, institutions. Even "high-performing" institutions have students with engagement levels below the average for all institutions.

First-Year Students

Theme	Engagement Indicator	St. Ambrose Mean	Your first-year students compared with					
			NSSE Top 50%			NSSE Top 10%		
			Mean	Effect size	✓	Mean	Effect size	✓
<i>Academic Challenge</i>	Higher-Order Learning	39.6	40.5	-.07	✓	42.7 **	-.22	
	Reflective and Integrative Learning	36.3	37.4	-.09	✓	39.5 **	-.25	
	Learning Strategies	37.1	41.2 **	-.29		43.7 ***	-.47	
	Quantitative Reasoning	28.0	29.4	-.09	✓	31.3 *	-.21	
<i>Learning with Peers</i>	Collaborative Learning	34.1	35.2	-.08	✓	37.3 **	-.24	
	Discussions with Diverse Others	38.0	42.7 **	-.31		44.3 ***	-.42	
<i>Experiences with Faculty</i>	Student-Faculty Interaction	24.1	23.8	.02	✓	26.9 *	-.17	
	Effective Teaching Practices	39.5	41.6	-.15		43.8 ***	-.32	
<i>Campus Environment</i>	Quality of Interactions	44.3	44.1	.02	✓	45.9	-.13	
	Supportive Environment	38.5	39.2	-.05	✓	40.9	-.18	

Seniors

Theme	Engagement Indicator	St. Ambrose Mean	Your seniors compared with					
			NSSE Top 50%			NSSE Top 10%		
			Mean	Effect size	✓	Mean	Effect size	✓
<i>Academic Challenge</i>	Higher-Order Learning	37.3	43.1 ***	-.42		44.7 ***	-.54	
	Reflective and Integrative Learning	34.6	41.0 ***	-.50		42.9 ***	-.66	
	Learning Strategies	34.5	42.2 ***	-.53		44.5 ***	-.70	
	Quantitative Reasoning	26.9	31.8 ***	-.29		33.2 ***	-.37	
<i>Learning with Peers</i>	Collaborative Learning	31.0	35.8 ***	-.34		37.9 ***	-.50	
	Discussions with Diverse Others	34.1	43.3 ***	-.58		45.1 ***	-.69	
<i>Experiences with Faculty</i>	Student-Faculty Interaction	25.5	29.6 ***	-.25		33.0 ***	-.46	
	Effective Teaching Practices	37.8	42.7 ***	-.36		44.5 ***	-.50	
<i>Campus Environment</i>	Quality of Interactions	44.7	45.3	-.05	✓	46.9 **	-.18	
	Supportive Environment	32.6	35.7 **	-.22		38.1 ***	-.39	

Notes: Results weighted by institution-reported sex and enrollment status (and institution size for comparison groups); Effect size: Mean difference divided by the pooled standard deviation; *p < .05, **p < .01, ***p < .001 (2-tailed).

a. Precision-weighted means (produced by Hierarchical Linear Modeling) were used to determine the top 50% and top 10% institutions for each Engagement Indicator from all NSSE 2015 and 2016 institutions, separately for first-year and senior students. Using this method, Engagement Indicator scores of institutions with relatively large standard errors were adjusted toward the mean of all students, while those with smaller standard errors received smaller corrections. As a result, schools with less stable data—even those with high average scores—may not be among the top scorers. NSSE does not publish the names of the top 50% and top 10% institutions because of our commitment not to release institutional results and our policy against ranking institutions.

b. Check marks are assigned to comparisons that are either significant and positive, or non-significant with an effect size > -.10.

Detailed Statistics: First-Year Students

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
St. Ambrose (N = 110)	39.6	11.9	1.13	20	35	40	45	60				
Pvt Plains & Lakes	39.3	13.2	.12	20	30	40	50	60	111	.4	.745	.028
Strat Enroll Comps	39.7	13.2	.58	20	30	40	50	60	624	.0	.972	-.004
NSSE 2015 & 2016	38.8	13.7	.03	20	30	40	50	60	109	.9	.442	.064
Top 50%	40.5	13.6	.05	20	30	40	50	60	109	-.9	.437	-.065
Top 10%	42.7	13.7	.10	20	35	40	55	60	110	-3.0	.009	-.222
Reflective & Integrative Learning												
St. Ambrose (N = 116)	36.3	12.2	1.13	17	29	37	43	57				
Pvt Plains & Lakes	36.1	12.1	.11	17	29	37	43	60	12,349	.2	.851	.018
Strat Enroll Comps	37.4	12.2	.53	20	29	37	46	60	647	-1.1	.403	-.086
NSSE 2015 & 2016	35.6	12.5	.03	17	26	34	43	60	202,379	.7	.542	.057
Top 50%	37.4	12.5	.04	17	29	37	46	60	95,236	-1.1	.358	-.086
Top 10%	39.5	12.8	.09	20	31	40	49	60	18,234	-3.2	.007	-.250
Learning Strategies												
St. Ambrose (N = 107)	37.1	12.8	1.24	20	27	40	47	60				
Pvt Plains & Lakes	39.1	13.7	.13	20	27	40	47	60	10,984	-2.1	.123	-.150
Strat Enroll Comps	39.6	13.7	.62	20	33	40	53	60	587	-2.5	.086	-.184
NSSE 2015 & 2016	39.2	14.1	.03	20	27	40	53	60	177,067	-2.1	.128	-.147
Top 50%	41.2	14.1	.05	20	33	40	53	60	79,623	-4.1	.003	-.288
Top 10%	43.7	14.3	.10	20	33	47	60	60	107	-6.7	.000	-.467
Quantitative Reasoning												
St. Ambrose (N = 114)	28.0	14.9	1.39	0	20	27	40	60				
Pvt Plains & Lakes	27.7	15.9	.15	0	20	27	40	60	12,024	.2	.880	.014
Strat Enroll Comps	27.8	15.7	.69	0	20	27	40	60	632	.1	.934	.009
NSSE 2015 & 2016	28.0	16.2	.04	0	20	27	40	60	195,775	.0	.979	-.002
Top 50%	29.4	16.1	.05	0	20	27	40	60	112,699	-1.5	.323	-.093
Top 10%	31.3	16.2	.10	0	20	33	40	60	26,864	-3.3	.029	-.205
Learning with Peers												
Collaborative Learning												
St. Ambrose (N = 122)	34.1	13.8	1.25	10	25	35	45	60				
Pvt Plains & Lakes	33.9	13.9	.12	10	25	35	45	60	12,702	.2	.870	.015
Strat Enroll Comps	34.1	13.9	.59	10	25	35	45	60	669	.0	.999	.000
NSSE 2015 & 2016	32.3	14.5	.03	10	20	30	40	60	209,487	1.8	.173	.124
Top 50%	35.2	13.8	.04	15	25	35	45	60	104,213	-1.1	.362	-.083
Top 10%	37.3	13.6	.09	15	25	40	45	60	22,075	-3.2	.009	-.238
Discussions with Diverse Others												
St. Ambrose (N = 104)	38.0	15.7	1.54	15	25	40	50	60				
Pvt Plains & Lakes	40.6	14.9	.14	15	30	40	55	60	11,120	-2.6	.083	-.171
Strat Enroll Comps	41.8	14.6	.66	20	30	40	55	60	590	-3.8	.018	-.256
NSSE 2015 & 2016	40.4	16.0	.04	15	30	40	55	60	179,321	-2.4	.129	-.149
Top 50%	42.7	15.2	.05	20	35	40	60	60	92,993	-4.7	.002	-.307
Top 10%	44.3	15.1	.09	20	35	45	60	60	28,771	-6.3	.000	-.419

Detailed Statistics: First-Year Students

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
St. Ambrose (N = 116)	24.1	13.6	1.26	5	15	20	35	50				
Pvt Plains & Lakes	22.3	14.1	.13	0	10	20	30	50	12,076	1.8	.162	.131
Strat Enroll Comps	24.1	14.8	.64	5	15	20	35	55	641	.1	.955	.006
NSSE 2015 & 2016	20.5	14.7	.03	0	10	20	30	50	197,592	3.7	.008	.249
Top 50%	23.8	15.0	.06	0	15	20	35	55	63,902	.3	.811	.022
Top 10%	26.9	16.0	.15	5	15	25	40	60	118	-2.8	.032	-.173
Effective Teaching Practices												
St. Ambrose (N = 114)	39.5	11.3	1.05	20	32	40	48	60				
Pvt Plains & Lakes	40.8	12.6	.11	20	32	40	52	60	12,128	-1.3	.284	-.101
Strat Enroll Comps	41.9	13.0	.57	20	32	40	52	60	185	-2.4	.044	-.191
NSSE 2015 & 2016	39.4	13.4	.03	16	32	40	48	60	113	.1	.928	.007
Top 50%	41.6	13.4	.05	20	32	40	52	60	114	-2.0	.057	-.151
Top 10%	43.8	13.5	.10	20	36	44	56	60	116	-4.3	.000	-.317
Campus Environment												
Quality of Interactions												
St. Ambrose (N = 105)	44.3	11.3	1.11	24	40	44	52	60				
Pvt Plains & Lakes	44.0	11.5	.11	22	38	46	52	60	10,742	.3	.783	.027
Strat Enroll Comps	43.8	11.4	.52	23	38	45	52	60	577	.5	.700	.041
NSSE 2015 & 2016	41.8	12.5	.03	18	34	44	50	60	170,315	2.5	.040	.200
Top 50%	44.1	11.8	.05	22	38	46	52	60	67,306	.2	.862	.017
Top 10%	45.9	12.1	.10	22	40	48	56	60	14,427	-1.6	.177	-.132
Supportive Environment												
St. Ambrose (N = 99)	38.5	12.3	1.23	20	30	38	48	60				
Pvt Plains & Lakes	38.1	13.2	.13	15	30	40	48	60	10,355	.4	.774	.029
Strat Enroll Comps	38.9	13.6	.63	17	30	40	50	60	557	-.4	.778	-.031
NSSE 2015 & 2016	36.8	13.9	.03	15	28	38	48	60	165,239	1.6	.241	.118
Top 50%	39.2	13.4	.05	18	30	40	50	60	77,123	-.7	.600	-.053
Top 10%	40.9	13.3	.10	20	33	40	53	60	19,305	-2.4	.075	-.180

a. Results weighted by institution-reported sex and enrollment status (and institutional size for comparison groups).

b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.

c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI (equal to the sample mean +/- 1.96 x SEM) is the range that is 95% likely to contain the true population mean.

d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.

e. Degrees of freedom used to compute the *t*-tests. Values vary from the total Ns due to weighting and whether equal variances were assumed.

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g. Effect size is the mean difference divided by the pooled standard deviation.

Detailed Statistics: Seniors

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
St. Ambrose (N = 195)	37.3	12.5	.89	20	30	40	45	60				
Pvt Plains & Lakes	41.6	13.6	.11	20	35	40	55	60	200	-4.3	.000	-.314
Strat Enroll Comps	42.4	13.7	.53	20	35	40	55	60	340	-5.1	.000	-.377
NSSE 2015 & 2016	40.9	14.1	.03	20	30	40	55	60	194	-3.5	.000	-.249
Top 50%	43.1	13.8	.04	20	35	40	55	60	195	-5.8	.000	-.420
Top 10%	44.7	13.7	.08	20	40	45	60	60	197	-7.3	.000	-.535
Reflective & Integrative Learning												
St. Ambrose (N = 204)	34.6	12.0	.84	17	29	34	40	57				
Pvt Plains & Lakes	39.7	12.7	.10	20	31	40	49	60	209	-5.0	.000	-.398
Strat Enroll Comps	40.4	12.8	.48	20	31	40	51	60	348	-5.8	.000	-.460
NSSE 2015 & 2016	38.7	13.0	.02	17	29	40	49	60	203	-4.1	.000	-.313
Top 50%	41.0	12.7	.04	20	31	40	51	60	204	-6.3	.000	-.500
Top 10%	42.9	12.5	.08	20	34	43	54	60	206	-8.3	.000	-.658
Learning Strategies												
St. Ambrose (N = 178)	34.5	13.8	1.03	13	27	33	40	60				
Pvt Plains & Lakes	39.2	14.6	.12	13	27	40	53	60	15,002	-4.7	.000	-.321
Strat Enroll Comps	40.3	14.6	.57	13	33	40	53	60	833	-5.7	.000	-.399
NSSE 2015 & 2016	39.9	14.8	.03	13	27	40	53	60	276,413	-5.4	.000	-.363
Top 50%	42.2	14.5	.04	20	33	40	60	60	178	-7.7	.000	-.533
Top 10%	44.5	14.2	.08	20	33	47	60	60	179	-9.9	.000	-.702
Quantitative Reasoning												
St. Ambrose (N = 192)	26.9	15.7	1.13	0	20	20	40	60				
Pvt Plains & Lakes	30.1	17.0	.13	0	20	27	40	60	197	-3.2	.006	-.189
Strat Enroll Comps	28.8	16.9	.64	0	20	27	40	60	887	-1.8	.183	-.109
NSSE 2015 & 2016	30.3	17.0	.03	0	20	27	40	60	191	-3.4	.003	-.200
Top 50%	31.8	16.9	.04	0	20	33	40	60	192	-4.8	.000	-.285
Top 10%	33.2	16.8	.08	0	20	33	47	60	46,175	-6.3	.000	-.374
Learning with Peers												
Collaborative Learning												
St. Ambrose (N = 208)	31.0	12.6	.87	10	20	30	40	55				
Pvt Plains & Lakes	33.8	14.3	.11	10	25	35	45	60	214	-2.8	.002	-.193
Strat Enroll Comps	35.2	13.2	.49	15	25	35	45	60	924	-4.1	.000	-.315
NSSE 2015 & 2016	32.4	14.9	.03	10	20	30	40	60	208	-1.4	.112	-.093
Top 50%	35.8	13.9	.04	15	25	35	45	60	208	-4.8	.000	-.341
Top 10%	37.9	13.7	.08	15	30	40	50	60	211	-6.8	.000	-.500
Discussions with Diverse Others												
St. Ambrose (N = 182)	34.1	13.4	1.00	15	20	35	40	60				
Pvt Plains & Lakes	40.2	15.5	.13	15	30	40	55	60	187	-6.1	.000	-.393
Strat Enroll Comps	41.6	15.4	.60	20	30	40	60	60	322	-7.5	.000	-.503
NSSE 2015 & 2016	41.3	16.1	.03	15	30	40	60	60	181	-7.2	.000	-.449
Top 50%	43.3	15.9	.04	15	35	45	60	60	182	-9.2	.000	-.578
Top 10%	45.1	15.8	.07	20	35	50	60	60	183	-11.0	.000	-.695

Detailed Statistics: Seniors

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
St. Ambrose (N = 197)	25.5	16.1	1.15	5	15	20	35	60				
Pvt Plains & Lakes	26.4	16.1	.13	0	15	25	40	60	15,996	-.9	.462	-.053
Strat Enroll Comps	25.9	15.7	.60	5	15	25	35	55	889	-.4	.760	-.025
NSSE 2015 & 2016	23.5	16.3	.03	0	10	20	35	55	300,219	2.1	.075	.127
Top 50%	29.6	16.1	.06	5	20	30	40	60	64,166	-4.0	.000	-.249
Top 10%	33.0	16.3	.16	5	20	30	45	60	10,711	-7.5	.000	-.459
Effective Teaching Practices												
St. Ambrose (N = 193)	37.8	13.7	.98	16	28	40	48	60				
Pvt Plains & Lakes	41.3	13.3	.11	20	32	40	52	60	16,128	-3.5	.000	-.260
Strat Enroll Comps	40.3	13.8	.52	16	32	40	52	60	893	-2.5	.028	-.179
NSSE 2015 & 2016	40.3	13.9	.03	16	32	40	52	60	302,449	-2.5	.013	-.179
Top 50%	42.7	13.7	.04	20	32	44	56	60	96,037	-4.9	.000	-.358
Top 10%	44.5	13.4	.09	20	36	44	56	60	22,106	-6.7	.000	-.499
Campus Environment												
Quality of Interactions												
St. Ambrose (N = 162)	44.7	10.0	.78	26	40	46	52	60				
Pvt Plains & Lakes	44.2	11.2	.09	24	38	46	52	60	14,694	.6	.530	.050
Strat Enroll Comps	43.8	11.4	.45	22	38	46	52	60	277	.9	.337	.078
NSSE 2015 & 2016	42.6	12.0	.02	20	36	44	52	60	161	2.1	.007	.177
Top 50%	45.3	11.5	.04	24	40	48	54	60	162	-.6	.421	-.055
Top 10%	46.9	11.9	.07	24	40	50	56	60	163	-2.2	.006	-.184
Supportive Environment												
St. Ambrose (N = 171)	32.6	13.5	1.03	10	23	33	40	60				
Pvt Plains & Lakes	34.1	14.0	.12	10	25	35	43	60	14,470	-1.5	.168	-.106
Strat Enroll Comps	34.1	14.6	.58	8	25	35	45	60	807	-1.5	.237	-.102
NSSE 2015 & 2016	32.9	14.4	.03	10	23	33	43	60	263,309	-.3	.771	-.022
Top 50%	35.7	13.9	.04	13	25	35	45	60	97,702	-3.1	.003	-.224
Top 10%	38.1	13.9	.10	15	28	40	48	60	19,543	-5.5	.000	-.395

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