
NSSE 2023

Engagement Indicators

Misericordia 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. The specific items within each EI are listed below, starting on page 5.

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 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 all current- and prior-year 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, 2018). 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. Your NSSE Tableau dashboards and Report Builder (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

Rocconi, L.M., & Gonyea, R.M. (2018). Contextualizing effect sizes in the National Survey of Student Engagement: An empirical analysis. *Research & Practice in Assessment*, 13 (Summer/Fall), pp. 22-38.

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.

Note: It is important to interpret the direction of differences relative to your institutional context. You may not see all of these symbols in your report.

First-Year Students

Theme	Engagement Indicator	Your first-year students compared with Catholic C&U	Your first-year students compared with PA Private	Your first-year students compared with NSSE 2022 & 2023
Academic Challenge	Higher-Order Learning	--	--	--
	Reflective & Integrative Learning	--	--	--
	Learning Strategies	--	--	--
	Quantitative Reasoning	--	--	--
Learning with Peers	Collaborative Learning	--	--	--
	Discussions with Diverse Others	--	--	--
Experiences with Faculty	Student-Faculty Interaction	▲	▲	▲
	Effective Teaching Practices	--	--	--
Campus Environment	Quality of Interactions	--	--	△
	Supportive Environment	▲	▲	▲

Seniors

Theme	Engagement Indicator	Your seniors compared with Catholic C&U	Your seniors compared with PA Private	Your seniors compared with NSSE 2022 & 2023
Academic Challenge	Higher-Order Learning	--	--	--
	Reflective & Integrative Learning	--	--	--
	Learning Strategies	--	--	--
	Quantitative Reasoning	--	--	--
Learning with Peers	Collaborative Learning	▽	▽	--
	Discussions with Diverse Others	--	--	--
Experiences with Faculty	Student-Faculty Interaction	--	--	▲
	Effective Teaching Practices	--	--	--
Campus Environment	Quality of Interactions	△	△	△
	Supportive Environment	--	--	--

Academic Challenge: First-year students

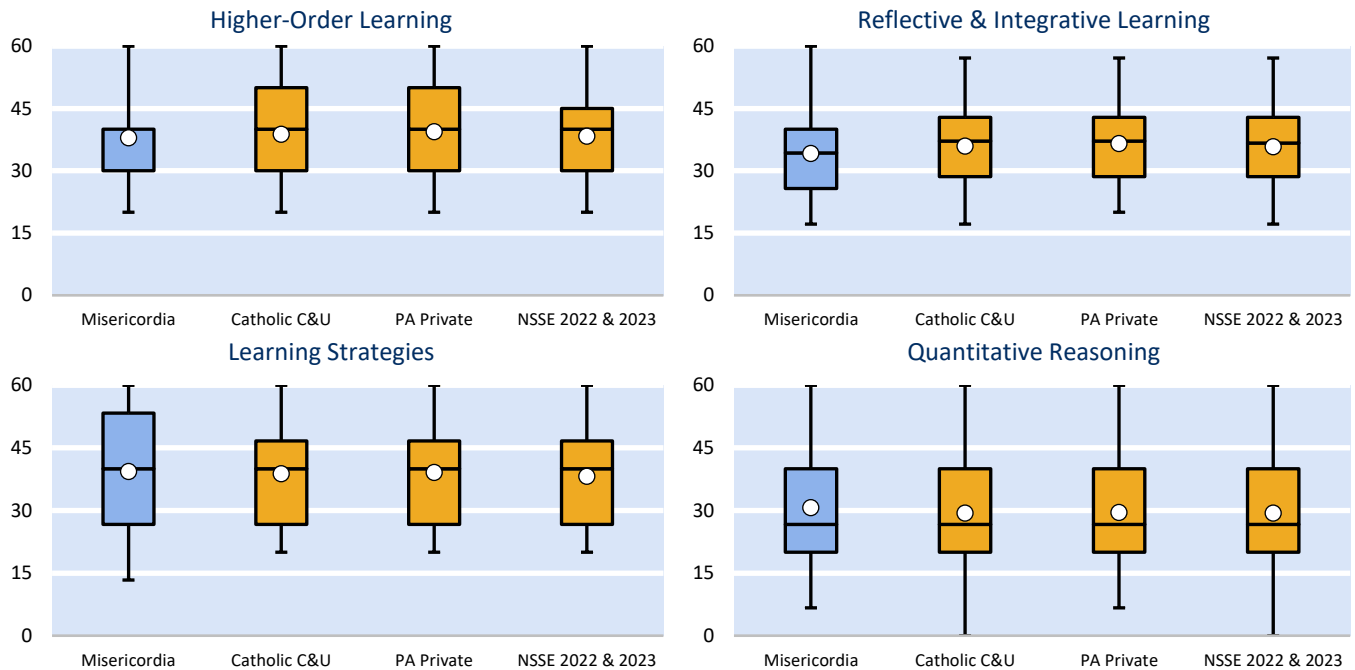
Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme: *Higher-Order Learning*, *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	Misericordia Mean	Your first-year students compared with					
		Catholic C&U Mean	Catholic C&U Effect size	PA Private Mean	PA Private Effect size	NSSE 2022 & 2023 Mean	NSSE 2022 & 2023 Effect size
Higher-Order Learning	37.9	38.8	-.07	39.4	-.12	38.3	-.03
Reflective & Integrative Learning	34.2	35.9	-.15	36.6	-.21	35.8	-.14
Learning Strategies	39.3	38.8	.04	39.1	.01	38.2	.08
Quantitative Reasoning	30.7	29.4	.08	29.5	.08	29.4	.08

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. Dark red bars indicate how much lower your institution's percentage is from that of the comparison group.

		Percentage point difference ^a between your FY students and		
	Misericordia	Catholic C&U	PA Private	NSSE 2022 & 2023
Higher-Order Learning				
Percentage responding "Very much" or "Quite a bit" about how much coursework emphasized...	%			
4b. Applying facts, theories, or methods to practical problems or new situations	77	+5	+3	+6
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	69	-2	-4	-1
4d. Evaluating a point of view, decision, or information source	69	-4	-3	-2
4e. Forming a new idea or understanding from various pieces of information	74	+2	+2	+4
Reflective & Integrative Learning				
Percentage of students who responded that they "Very often" or "Often"...				
2a. Combined ideas from different courses when completing assignments	40	-14	-17	-14
2b. Connected your learning to societal problems or issues	52	-2	-3	-1
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	57	-0	+1	+3
2d. Examined the strengths and weaknesses of your own views on a topic or issue	53	-12	-12	-12
2e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	79	+9	+9	+8
2f. Learned something that changed the way you understand an issue or concept	69	+3	+2	+2
2g. Connected ideas from your courses to your prior experiences and knowledge	71	-5	-9	-7
Learning Strategies				
Percentage of students who responded that they "Very often" or "Often"...				
9a. Identified key information from reading assignments	65	-11	-12	-8
9b. Reviewed your notes after class	65	-2	-3	-1
9c. Summarized what you learned in class or from course materials	66	-2	-2	+1
Quantitative Reasoning				
Percentage of students who responded that they "Very often" or "Often"...				
6a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	51	-2	-3	-3
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	42	-3	-1	-2
6c. Evaluated what others have concluded from numerical information	50	+7	+6	+7

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile 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

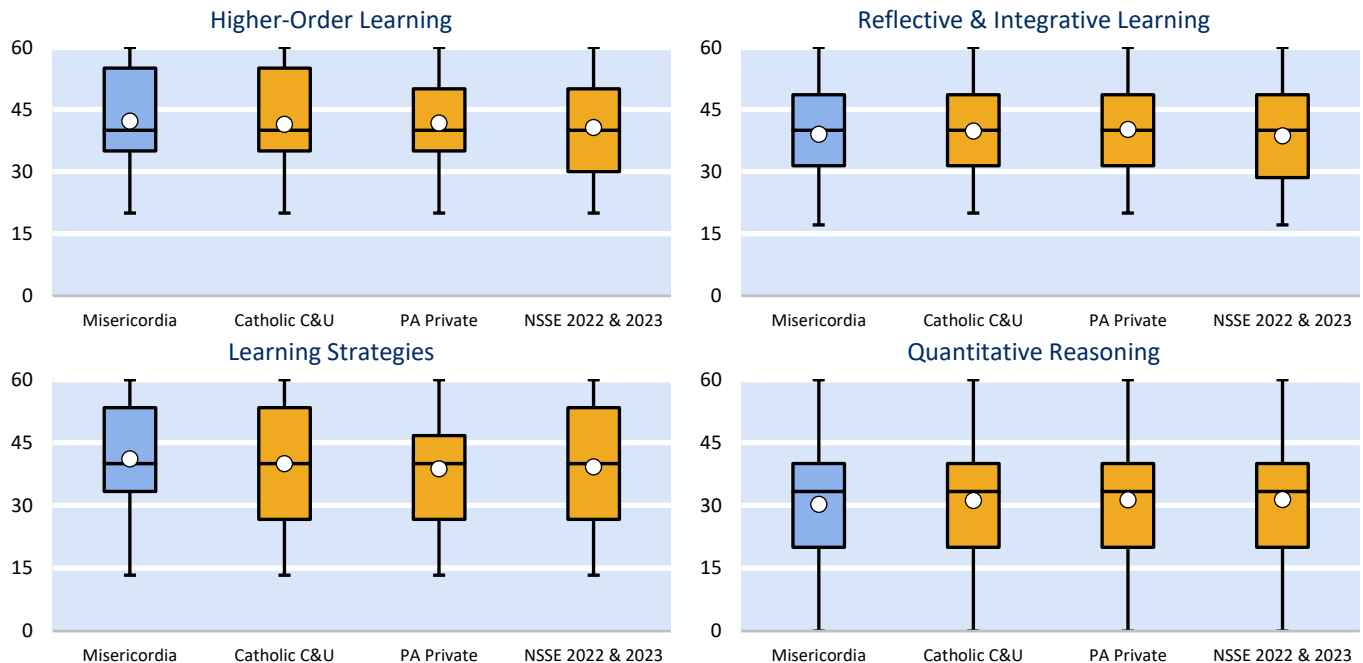
Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme: *Higher-Order Learning*, *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	Misericordia Mean	Your seniors compared with					
		Catholic C&U Mean	Catholic C&U Effect size	PA Private Mean	PA Private Effect size	NSSE 2022 & 2023 Mean	NSSE 2022 & 2023 Effect size
Higher-Order Learning	42.2	41.4	.06	41.8	.03	40.7	.11
Reflective & Integrative Learning	39.1	39.8	-.06	40.2	-.09	38.7	.03
Learning Strategies	41.1	39.9	.08	38.7	.17	39.2	.13
Quantitative Reasoning	30.2	31.2	-.06	31.3	-.07	31.4	-.07

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: 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. Dark red bars indicate how much lower your institution's percentage is from that of the comparison group.

		Percentage point difference ^a between your seniors and		
	Misericordia	Catholic C&U	PA Private	NSSE 2022 & 2023
Higher-Order Learning				
Percentage responding "Very much" or "Quite a bit" about how much coursework emphasized...	%			
4b. Applying facts, theories, or methods to practical problems or new situations	85	+6	+4	+8
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	81	+4	+3	+5
4d. Evaluating a point of view, decision, or information source	76	+0	+2	+4
4e. Forming a new idea or understanding from various pieces of information	79	+3	+2	+4
Reflective & Integrative Learning				
Percentage of students who responded that they "Very often" or "Often"...				
2a. Combined ideas from different courses when completing assignments	74	+3	+1	+5
2b. Connected your learning to societal problems or issues	64	-3	-6	+1
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	57	-5	-7	+0
2d. Examined the strengths and weaknesses of your own views on a topic or issue	66	-4	-5	-2
2e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	83	+8	+7	+10
2f. Learned something that changed the way you understand an issue or concept	69	-3	-5	-3
2g. Connected ideas from your courses to your prior experiences and knowledge	90	+6	+4	+6
Learning Strategies				
Percentage of students who responded that they "Very often" or "Often"...				
9a. Identified key information from reading assignments	86	+9	+7	+10
9b. Reviewed your notes after class	73	+6	+11	+8
9c. Summarized what you learned in class or from course materials	72	+3	+5	+4
Quantitative Reasoning				
Percentage of students who responded that they "Very often" or "Often"...				
6a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	60	+4	+4	+2
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	42	-7	-7	-7
6c. Evaluated what others have concluded from numerical information	54	+5	+4	+5

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile 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

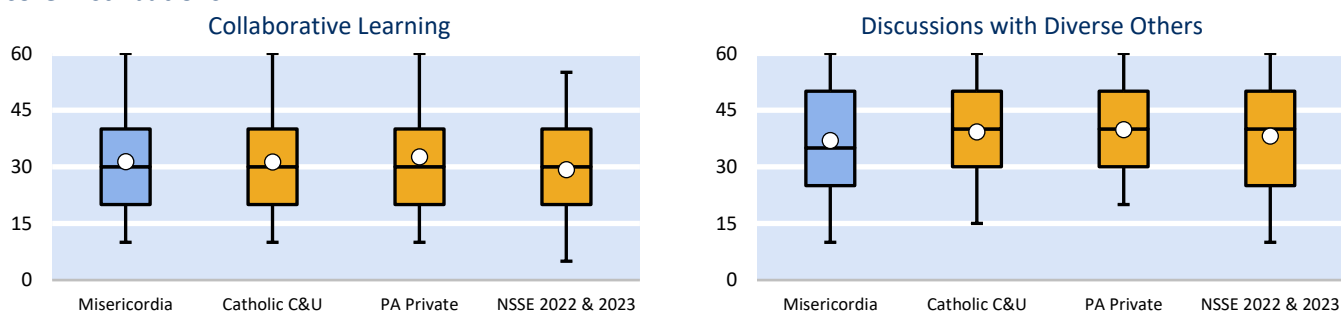
Collaborating with others in mastering difficult material and interacting with peers from different backgrounds prepares students to deal with complex, unscripted problems they will encounter during and after college. Two Engagement Indicators make up this theme: *Collaborative Learning* and *Discussions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

Mean Comparisons

Engagement Indicator	Misericordia Mean	Your first-year students compared with					
		Catholic C&U Mean	Effect size	PA Private Mean	Effect size	NSSE 2022 & 2023 Mean	Effect size
Collaborative Learning	31.3	31.2	.01	32.6	-.09	29.2	.14
Discussions with Diverse Others	36.9	39.2	-.15	39.8	-.20	38.1	-.08

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		Percentage point difference ^a between your FY students and		
	Misericordia	Catholic C&U	PA Private	NSSE 2022 & 2023
Collaborative Learning				
Percentage of students who responded that they "Very often" or "Often"...	%			
1b. Asked another student to help you understand course material	52	+5	+4	+7
1c. Explained course material to one or more students	59	+9	+4	+11
1d. Prepared for exams by discussing or working through course material with other students	48	+3	+1	+7
1e. Worked with other students on course projects or assignments	51	-3	-8	+1
Discussions with Diverse Others				
Percentage of students who responded that they "Very often" or "Often" had discussions with...				
8a. People of races or ethnicities other than your own	59	-12	-12	-10
8b. People from economic backgrounds other than your own	67	-5	-6	-3
8c. People with religious beliefs other than your own	60	-8	-9	-5
8d. People with political views other than your own	65	+3	+2	+6

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Learning with Peers: Seniors

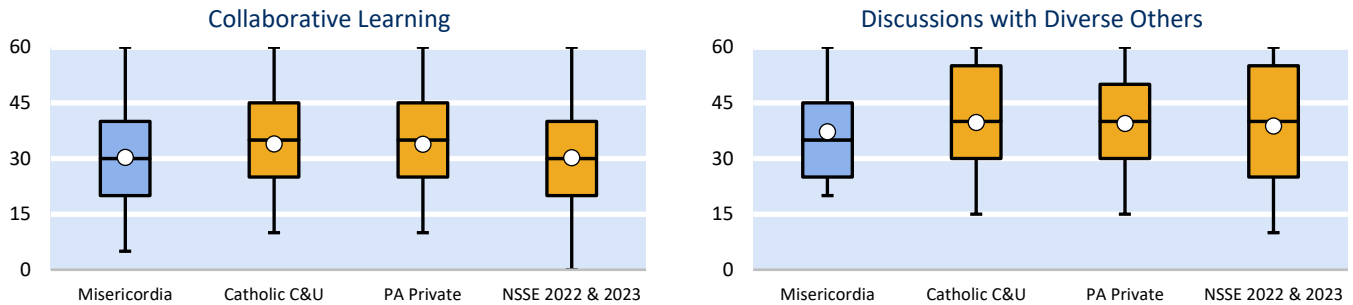
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Mean Comparisons

Engagement Indicator	Misericordia Mean	Your seniors compared with					
		Catholic C&U		PA Private		NSSE 2022 & 2023	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Collaborative Learning	30.3	33.9 *	-.24	33.8 *	-.25	30.3	.00
Discussions with Diverse Others	37.3	39.7	-.16	39.5	-.15	38.8	-.10

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).

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		Percentage point difference ^a between your seniors and			
	Misericordia	Catholic C&U	PA Private	NSSE 2022 & 2023	
Collaborative Learning					
Percentage of students who responded that they "Very often" or "Often"...	%				
1b. Asked another student to help you understand course material	31	-16	-15	-10	
1c. Explained course material to one or more students	48	-11	-13	-3	
1d. Prepared for exams by discussing or working through course material with other students	40	-10	-9	+0	
1e. Worked with other students on course projects or assignments	55	-11	-14	-5	
Discussions with Diverse Others					
Percentage of students who responded that they "Very often" or "Often" had discussions with...					
8a. People of races or ethnicities other than your own	50	-20	-19	-20	
8b. People from economic backgrounds other than your own	69	-3	-4	-2	
8c. People with religious beliefs other than your own	70	+2	+2	+5	
8d. People with political views other than your own	63	-1	-2	+2	

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Experiences with Faculty: First-year students

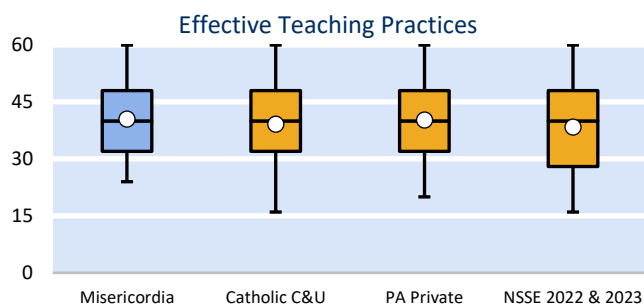
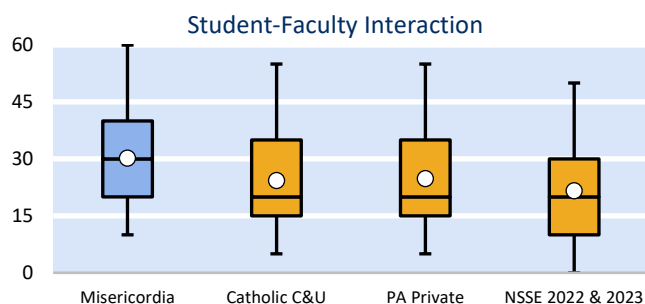
Students learn firsthand how experts think about and solve problems by interacting with faculty members inside and outside of instructional settings. As a result, faculty become role models, mentors, and guides for lifelong learning. In addition, effective teaching requires that faculty deliver course 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	Misericordia Mean	Your first-year students compared with					
		Catholic C&U		PA Private		NSSE 2022 & 2023	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Student-Faculty Interaction	30.2	24.3 **	.39	24.8 **	.37	21.6 ***	.57
Effective Teaching Practices	40.5	39.1	.11	40.2	.03	38.4	.16

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).

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	Misericordia	Catholic C&U	PA Private	NSSE 2022 & 2023
Student-Faculty Interaction				
Percentage of students who responded that they "Very often" or "Often"...				
3a. Talked about career plans with a faculty member	57	+15	+14	+20
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	31	+4	+6	+9
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	50	+18	+16	+22
3d. Discussed your academic performance with a faculty member	50	+14	+12	+19
Effective Teaching Practices				
Percentage responding "Very much" or "Quite a bit" about how much instructors have...				
5a. Clearly explained course goals and requirements	90	+12	+10	+13
5b. Taught course sessions in an organized way	76	+2	-0	+3
5c. Used examples or illustrations to explain difficult points	79	+6	+2	+6
5d. Provided feedback on a draft or work in progress	66	-2	-4	+2
5e. Provided prompt and detailed feedback on tests or completed assignments	58	-6	-8	-2

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Experiences with Faculty: Seniors

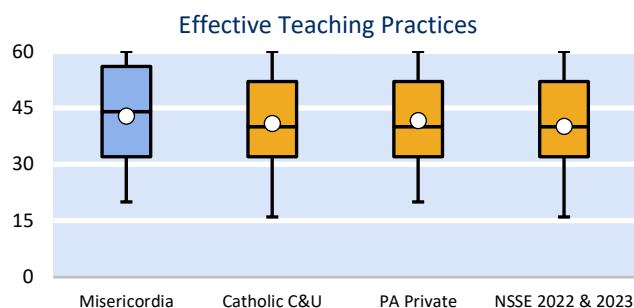
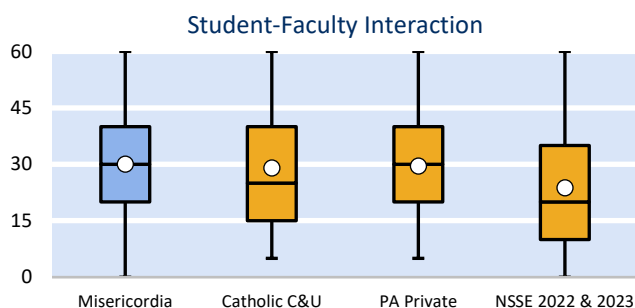
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Effective Teaching Practices	42.8	40.8	.14	41.6	.09	40.0	.20

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3a. Talked about career plans with a faculty member	59	+4	+4	+17
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	37	-0	-1	+9
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	49	+7	+6	+17
3d. Discussed your academic performance with a faculty member	43	-1	+1	+9
Effective Teaching Practices				
Percentage responding "Very much" or "Quite a bit" about how much instructors have...				
5a. Clearly explained course goals and requirements	85	+4	+4	+5
5b. Taught course sessions in an organized way	81	+4	+2	+5
5c. Used examples or illustrations to explain difficult points	79	+2	-2	+3
5d. Provided feedback on a draft or work in progress	71	+4	-0	+7
5e. Provided prompt and detailed feedback on tests or completed assignments	71	+4	+0	+6

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile 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

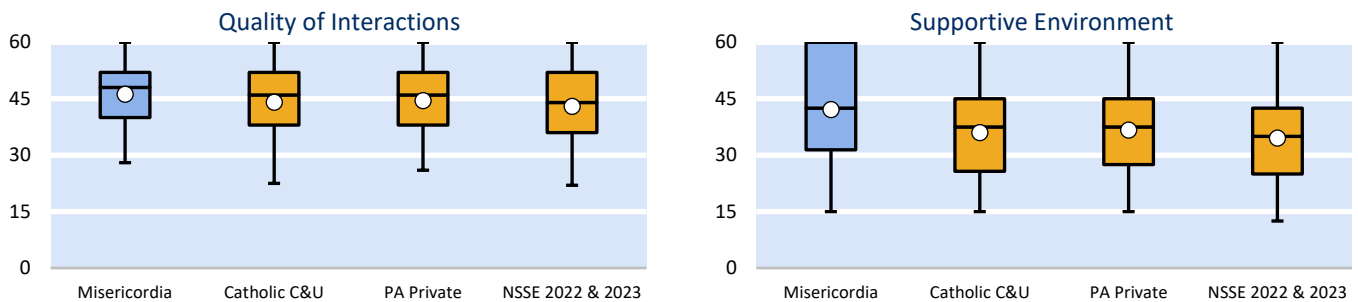
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment*. Below are three views of your results alongside those of your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

Mean Comparisons

Engagement Indicator	Misericordia Mean	Your first-year students compared with					
		Catholic C&U Mean	Effect size	PA Private Mean	Effect size	NSSE 2022 & 2023 Mean	Effect size
Quality of Interactions	46.2	44.1	.19	44.5	.16	43.0 *	.27
Supportive Environment	42.1	36.0 **	.45	36.7 **	.42	34.6 ***	.56

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. Dark red bars indicate how much lower your institution's percentage is from that of the comparison group.

Quality of Interactions	Misericordia	Percentage point difference ^a between your FY students and		
		Catholic C&U	PA Private	NSSE 2022 & 2023
Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with...	%			
13a. Students	51	-1	-0	-0
13b. Academic advisors	64	+6	+4	+9
13c. Faculty	62	+6	+2	+9
13d. Student services staff (career services, student activities, housing, etc.)	57	+6	+7	+10
13e. Other administrative staff and offices (registrar, financial aid, etc.)	64	+14	+13	+18
Supportive Environment				
Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...				
14b. Providing support to help students succeed academically	80	+9	+3	+9
14c. Using learning support services (tutoring services, writing center, etc.)	79	+6	+1	+7
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	66	+4	+4	+7
14e. Providing opportunities to be involved socially	79	+7	+5	+11
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	80	+13	+11	+15
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	55	+12	+15	+16
14h. Attending campus activities and events (performing arts, athletic events, etc.)	85	+18	+17	+22
14i. Attending events that address important social, economic, or political issues	59	+9	+5	+14

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile 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

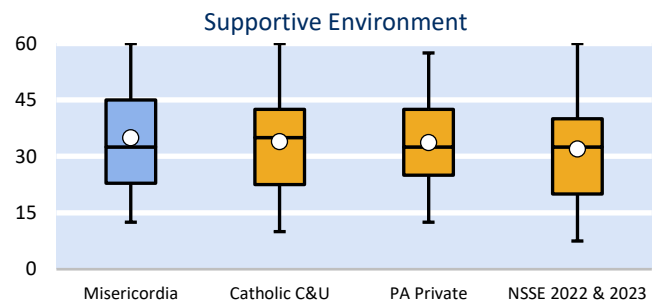
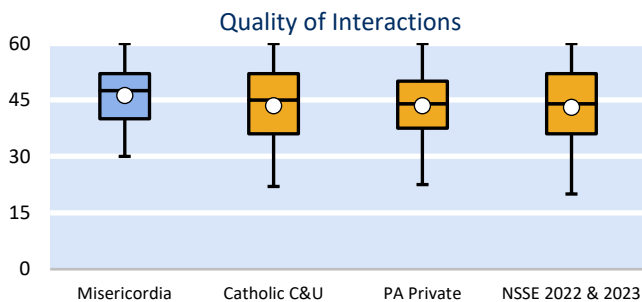
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment*. Below are three views of your results alongside those of your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

Mean Comparisons

Engagement Indicator	Misericordia Mean	Your seniors compared with					
		Catholic C&U Mean	Effect size	PA Private Mean	Effect size	NSSE 2022 & 2023 Mean	Effect size
Quality of Interactions	46.2	43.5 **	.23	43.5 **	.25	43.0 **	.26
Supportive Environment	35.0	33.9	.07	33.7	.10	32.0	.21

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. Dark red bars indicate how much lower your institution's percentage is from that of the comparison group.

		Percentage point difference ^a between your seniors and		
Quality of Interactions	Misericordia	Catholic C&U	PA Private	NSSE 2022 & 2023
Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with...				
13a. Students	65	+4	+9	+6
13b. Academic advisors	61	+5	+0	+8
13c. Faculty	63	+4	+2	+6
13d. Student services staff (career services, student activities, housing, etc.)	57	+11	+14	+11
13e. Other administrative staff and offices (registrar, financial aid, etc.)	51	+6	+8	+6
Supportive Environment				
Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...				
14b. Providing support to help students succeed academically	72	+1	-1	+4
14c. Using learning support services (tutoring services, writing center, etc.)	75	+6	+6	+11
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	43	-14	-12	-12
14e. Providing opportunities to be involved socially	65	-3	-4	+2
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	60	+0	-1	+2
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	35	+0	+3	+3
14h. Attending campus activities and events (performing arts, athletic events, etc.)	64	+2	+3	+10
14i. Attending events that address important social, economic, or political issues	48	+2	-0	+7

Notes: Refer to your *Frequencies and Statistical Comparisons* report for full distributions and significance tests. Item numbering corresponds to the survey facsimile 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 go.iu.edu/NSSE-PnP), 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 2022 and 2023 NSSE institutions, and
- (b) institutions with average scores placing them in the top 10% of all 2022 and 2023 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	Misericordia Mean	Your first-year students compared with					
			NSSE Top 50%			NSSE Top 10%		
			Mean	Effect size	✓	Mean	Effect size	✓
Academic Challenge	Higher-Order Learning	37.9	39.5	-.12		42.2 **	-.34	
	Reflective and Integrative Learning	34.2	37.2 *	-.26		39.8 ***	-.48	
	Learning Strategies	39.3	39.8	-.03	✓	42.8	-.25	
	Quantitative Reasoning	30.7	30.7	.00	✓	33.4	-.17	
Learning with Peers	Collaborative Learning	31.3	33.2	-.14		36.5 **	-.38	
	Discussions with Diverse Others	36.9	40.5	-.25		43.6 ***	-.49	
Experiences with Faculty	Student-Faculty Interaction	30.2	25.4 **	.32	✓	29.3	.06	✓
	Effective Teaching Practices	40.5	40.1	.03	✓	43.3	-.21	
Campus Environment	Quality of Interactions	46.2	45.2	.08	✓	48.1	-.16	
	Supportive Environment	42.1	36.7 **	.41	✓	39.6	.20	✓

Seniors

Theme	Engagement Indicator	Misericordia Mean	Your seniors compared with					
			NSSE Top 50%			NSSE Top 10%		
			Mean	Effect size	✓	Mean	Effect size	✓
Academic Challenge	Higher-Order Learning	42.2	42.1	.01	✓	44.7	-.20	
	Reflective and Integrative Learning	39.1	40.6	-.12		43.1 **	-.34	
	Learning Strategies	41.1	40.9	.01	✓	43.6	-.18	
	Quantitative Reasoning	30.2	32.7	-.15		36.3 **	-.37	
Learning with Peers	Collaborative Learning	30.3	34.7 **	-.31		38.1 ***	-.57	
	Discussions with Diverse Others	37.3	41.1 *	-.24		43.9 ***	-.45	
Experiences with Faculty	Student-Faculty Interaction	30.0	29.6	.03	✓	34.3 *	-.27	
	Effective Teaching Practices	42.8	42.1	.05	✓	44.7	-.14	
Campus Environment	Quality of Interactions	46.2	45.4	.07	✓	47.9	-.13	
	Supportive Environment	35.0	34.5	.03	✓	37.7	-.19	

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 were used to determine the top 50% and top 10% institutions for each Engagement Indicator from all current- and prior-year institutions, separately by class. 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 positive or non-significant with an effect size > -.10.

Detailed Statistics: First-Year Students

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SE ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
Misericordia (N = 67)	37.9	12.1	1.48	20	30	40	40	60				
Catholic C&U	38.8	13.2	.22	20	30	40	50	60	3,614	-.9	.579	-.068
PA Private	39.4	12.7	.27	20	30	40	50	60	2,209	-1.5	.354	-.115
NSSE 2022 & 2023	38.3	13.3	.04	20	30	40	45	60	136,713	-.4	.821	-.028
Top 50%	39.5	13.2	.04	20	30	40	50	60	87,882	-1.6	.321	-.122
Top 10%	42.2	12.8	.12	20	35	40	55	60	10,717	-4.3	.006	-.337
Reflective & Integrative Learning												
Misericordia (N = 72)	34.2	11.7	1.38	17	26	34	40	60				
Catholic C&U	35.9	12.1	.19	17	29	37	43	57	3,954	-1.8	.217	-.147
PA Private	36.6	11.7	.24	20	29	37	43	57	2,395	-2.4	.085	-.207
NSSE 2022 & 2023	35.8	12.2	.03	17	29	37	43	57	149,536	-1.6	.251	-.135
Top 50%	37.2	12.0	.04	20	29	37	46	60	82,556	-3.1	.029	-.258
Top 10%	39.8	11.8	.11	20	31	40	49	60	10,797	-5.7	.000	-.483
Learning Strategies												
Misericordia (N = 55)	39.3	14.8	1.99	13	27	40	53	60				
Catholic C&U	38.8	13.6	.24	20	27	40	47	60	3,299	.5	.793	.036
PA Private	39.1	13.2	.30	20	27	40	47	60	2,045	.2	.925	.013
NSSE 2022 & 2023	38.2	13.9	.04	20	27	40	47	60	125,954	1.1	.540	.083
Top 50%	39.8	13.9	.05	20	27	40	53	60	70,567	-.5	.808	-.033
Top 10%	42.8	14.0	.12	20	33	40	60	60	14,767	-3.5	.066	-.249
Quantitative Reasoning												
Misericordia (N = 53)	30.7	15.2	2.10	7	20	27	40	60				
Catholic C&U	29.4	15.8	.27	0	20	27	40	60	3,363	1.3	.542	.085
PA Private	29.5	15.2	.34	7	20	27	40	60	2,066	1.2	.578	.078
NSSE 2022 & 2023	29.4	15.5	.04	0	20	27	40	60	128,170	1.3	.539	.085
Top 50%	30.7	15.3	.05	7	20	27	40	60	85,873	.1	.981	.003
Top 10%	33.4	15.4	.13	7	20	33	40	60	13,832	-2.7	.207	-.174
Learning with Peers												
Collaborative Learning												
Misericordia (N = 74)	31.3	14.0	1.62	10	20	30	40	60				
Catholic C&U	31.2	14.0	.21	10	20	30	40	60	4,335	.1	.943	.008
PA Private	32.6	13.6	.27	10	20	30	40	60	2,588	-1.2	.439	-.091
NSSE 2022 & 2023	29.2	15.0	.04	5	20	30	40	55	162,730	2.1	.222	.142
Top 50%	33.2	13.9	.04	10	25	35	40	60	96,151	-1.9	.243	-.136
Top 10%	36.5	13.7	.10	15	25	35	45	60	19,356	-5.2	.001	-.379
Discussions with Diverse Others												
Misericordia (N = 55)	36.9	16.6	2.25	10	25	35	50	60				
Catholic C&U	39.2	15.0	.26	15	30	40	50	60	3,334	-2.3	.266	-.151
PA Private	39.8	14.5	.32	20	30	40	50	60	2,053	-2.9	.139	-.202
NSSE 2022 & 2023	38.1	15.8	.04	10	25	40	50	60	126,884	-1.2	.570	-.077
Top 50%	40.5	14.8	.05	20	30	40	55	60	77,894	-3.6	.069	-.245
Top 10%	43.6	13.9	.15	20	35	40	60	60	9,181	-6.7	.000	-.485

Detailed Statistics: First-Year Students

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SE ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
Misericordia (N = 67)	30.2	15.3	1.86	10	20	30	40	60				
Catholic C&U	24.3	14.9	.25	5	15	20	35	55	3,756	5.9	.001	.393
PA Private	24.8	14.4	.31	5	15	20	35	55	2,288	5.4	.002	.375
NSSE 2022 & 2023	21.6	15.1	.04	0	10	20	30	50	142,579	8.6	.000	.570
Top 50%	25.4	15.3	.07	5	15	25	35	60	47,143	4.8	.009	.317
Top 10%	29.3	15.3	.19	5	20	25	40	60	6,690	.9	.620	.061
Effective Teaching Practices												
Misericordia (N = 66)	40.5	12.1	1.49	24	32	40	48	60				
Catholic C&U	39.1	13.3	.22	16	32	40	48	60	3,599	1.4	.388	.107
PA Private	40.2	12.5	.27	20	32	40	48	60	2,201	.3	.837	.026
NSSE 2022 & 2023	38.4	13.3	.04	16	28	40	48	60	136,135	2.2	.189	.161
Top 50%	40.1	13.5	.05	16	32	40	52	60	60,805	.4	.818	.028
Top 10%	43.3	13.3	.15	20	36	44	56	60	7,978	-2.7	.095	-.206
Campus Environment												
Quality of Interactions												
Misericordia (N = 51)	46.2	8.6	1.21	28	40	48	52	60				
Catholic C&U	44.1	11.4	.21	23	38	46	52	60	53	2.1	.086	.188
PA Private	44.5	10.6	.24	26	38	46	52	60	1,967	1.7	.262	.159
NSSE 2022 & 2023	43.0	11.8	.03	22	36	44	52	60	50	3.2	.011	.269
Top 50%	45.2	11.5	.05	24	38	46	54	60	51	.9	.437	.082
Top 10%	48.1	12.1	.13	24	42	50	60	60	51	-1.9	.116	-.161
Supportive Environment												
Misericordia (N = 51)	42.1	15.0	2.09	15	31	43	60	60				
Catholic C&U	36.0	13.4	.24	15	26	38	45	60	3,188	6.1	.001	.453
PA Private	36.7	12.9	.29	15	28	38	45	60	1,986	5.5	.003	.421
NSSE 2022 & 2023	34.6	13.5	.04	13	25	35	43	60	121,841	7.6	.000	.559
Top 50%	36.7	13.0	.06	15	28	38	45	60	53,057	5.4	.003	.413
Top 10%	39.6	12.8	.16	20	30	40	50	60	51	2.5	.237	.197

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 SE) 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.

f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

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

NSSE 2023 Engagement Indicators

Detailed Statistics^a

Misericordia University

Detailed Statistics: Seniors

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SE ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
Misericordia (N = 77)	42.2	12.8	1.45	20	35	40	55	60				
Catholic C&U	41.4	13.6	.22	20	35	40	55	60	4,093	.8	.620	.057
PA Private	41.8	13.0	.27	20	35	40	50	60	2,395	.4	.779	.032
NSSE 2022 & 2023	40.7	13.8	.03	20	30	40	50	60	195,234	1.5	.331	.111
Top 50%	42.1	13.7	.05	20	35	40	55	60	90,680	.1	.932	.010
Top 10%	44.7	12.8	.14	20	40	45	60	60	8,749	-2.5	.085	-.197
Reflective & Integrative Learning												
Misericordia (N = 82)	39.1	12.3	1.36	17	31	40	49	60				
Catholic C&U	39.8	12.6	.19	20	31	40	49	60	4,385	-.8	.588	-.060
PA Private	40.2	12.0	.24	20	31	40	49	60	2,536	-1.1	.401	-.094
NSSE 2022 & 2023	38.7	12.9	.03	17	29	40	49	60	208,404	.4	.784	.030
Top 50%	40.6	12.5	.04	20	31	40	51	60	82,242	-1.5	.265	-.123
Top 10%	43.1	11.8	.13	23	34	43	54	60	8,411	-4.0	.002	-.339
Learning Strategies												
Misericordia (N = 74)	41.1	14.6	1.70	13	33	40	53	60				
Catholic C&U	39.9	14.5	.24	13	27	40	53	60	3,826	1.1	.504	.079
PA Private	38.7	14.0	.30	13	27	40	47	60	2,262	2.4	.150	.170
NSSE 2022 & 2023	39.2	14.6	.03	13	27	40	53	60	183,596	1.9	.259	.132
Top 50%	40.9	14.5	.05	20	33	40	53	60	97,135	.1	.937	.009
Top 10%	43.6	14.1	.12	20	33	40	60	60	14,190	-2.5	.131	-.176
Quantitative Reasoning												
Misericordia (N = 74)	30.2	15.9	1.84	0	20	33	40	60				
Catholic C&U	31.2	16.8	.27	0	20	33	40	60	3,892	-.9	.634	-.056
PA Private	31.3	16.7	.35	0	20	33	40	60	2,291	-1.1	.579	-.065
NSSE 2022 & 2023	31.4	16.6	.04	0	20	33	40	60	186,115	-1.1	.551	-.069
Top 50%	32.7	16.5	.05	7	20	33	40	60	114,254	-2.4	.204	-.147
Top 10%	36.3	16.2	.17	7	20	40	47	60	9,229	-6.0	.001	-.372
Learning with Peers												
Collaborative Learning												
Misericordia (N = 88)	30.3	16.4	1.74	5	20	30	40	60				
Catholic C&U	33.9	14.7	.22	10	25	35	45	60	4,639	-3.6	.024	-.243
PA Private	33.8	14.1	.28	10	25	35	45	60	2,673	-3.5	.023	-.246
NSSE 2022 & 2023	30.3	16.0	.03	0	20	30	40	60	219,069	.1	.964	.005
Top 50%	34.7	14.2	.05	10	25	35	45	60	91,328	-4.4	.004	-.308
Top 10%	38.1	13.6	.12	15	30	40	50	60	88	-7.8	.000	-.570
Discussions with Diverse Others												
Misericordia (N = 72)	37.3	13.3	1.57	20	25	35	45	60				
Catholic C&U	39.7	15.4	.25	15	30	40	55	60	3,860	-2.5	.179	-.159
PA Private	39.5	14.7	.31	15	30	40	50	60	2,280	-2.2	.199	-.153
NSSE 2022 & 2023	38.8	16.2	.04	10	25	40	55	60	72	-1.6	.323	-.096
Top 50%	41.1	15.6	.05	15	30	40	55	60	100,407	-3.8	.038	-.244
Top 10%	43.9	14.8	.14	20	35	45	60	60	10,751	-6.7	.000	-.452

Detailed Statistics: Seniors

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SE ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
Misericordia (N = 79)	30.0	16.8	1.89	0	20	30	40	60				
Catholic C&U	29.0	16.5	.26	5	15	25	40	60	4,224	1.0	.580	.063
PA Private	29.5	15.9	.33	5	20	30	40	60	2,449	.5	.787	.031
NSSE 2022 & 2023	23.7	16.5	.04	0	10	20	35	60	201,241	6.3	.001	.379
Top 50%	29.6	16.2	.08	5	20	30	40	60	43,750	.4	.816	.026
Top 10%	34.3	15.8	.22	10	20	35	45	60	5,060	-4.3	.018	-.269
Effective Teaching Practices												
Misericordia (N = 77)	42.8	14.2	1.62	20	32	44	56	60				
Catholic C&U	40.8	14.1	.22	16	32	40	52	60	4,082	2.0	.226	.140
PA Private	41.6	12.9	.27	20	32	40	52	60	2,390	1.2	.430	.092
NSSE 2022 & 2023	40.0	14.1	.03	16	32	40	52	60	194,875	2.8	.087	.196
Top 50%	42.1	13.8	.05	20	32	40	56	60	67,316	.7	.674	.048
Top 10%	44.7	13.4	.13	20	36	44	56	60	10,601	-1.9	.216	-.142
Campus Environment												
Quality of Interactions												
Misericordia (N = 72)	46.2	8.5	1.01	30	40	48	52	60				
Catholic C&U	43.5	11.9	.20	22	36	45	52	60	77	2.7	.010	.230
PA Private	43.5	11.0	.24	23	38	44	50	60	79	2.7	.010	.251
NSSE 2022 & 2023	43.0	12.4	.03	20	36	44	52	60	71	3.2	.002	.255
Top 50%	45.4	12.1	.05	22	38	48	55	60	71	.8	.409	.069
Top 10%	47.9	12.5	.09	22	40	50	60	60	72	-1.7	.101	-.134
Supportive Environment												
Misericordia (N = 73)	35.0	13.9	1.63	13	23	33	45	60				
Catholic C&U	33.9	14.3	.24	10	23	35	43	60	3,752	1.1	.529	.074
PA Private	33.7	13.3	.29	13	25	33	43	58	2,218	1.3	.398	.101
NSSE 2022 & 2023	32.0	14.5	.03	8	20	33	40	60	179,270	3.0	.075	.209
Top 50%	34.5	14.3	.06	10	25	35	45	60	66,261	.4	.790	.031
Top 10%	37.7	13.9	.17	15	28	38	48	60	6,436	-2.7	.103	-.192

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 SE) 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.

f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

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