NSSE national survey of student engagement

NSSE 2023
Engagement Indicators

Northeastern Illinois University

Prepared 2023-07-28

IPEDS: 147776

NSSE 2023 Engagement Indicators

About This Report

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*
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

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.

NSSE 2023 Engagement Indicators

Overview

Northeastern Illinois University

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 Great Lakes Public	**Your first-year students** compared with Carnegie Group	**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 Great Lakes Public	**Your seniors** compared with Carnegie Group	**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	△	--	--

NSSE 2023 Engagement Indicators

Academic Challenge

Northeastern Illinois University

Academic Challenge: First-year students

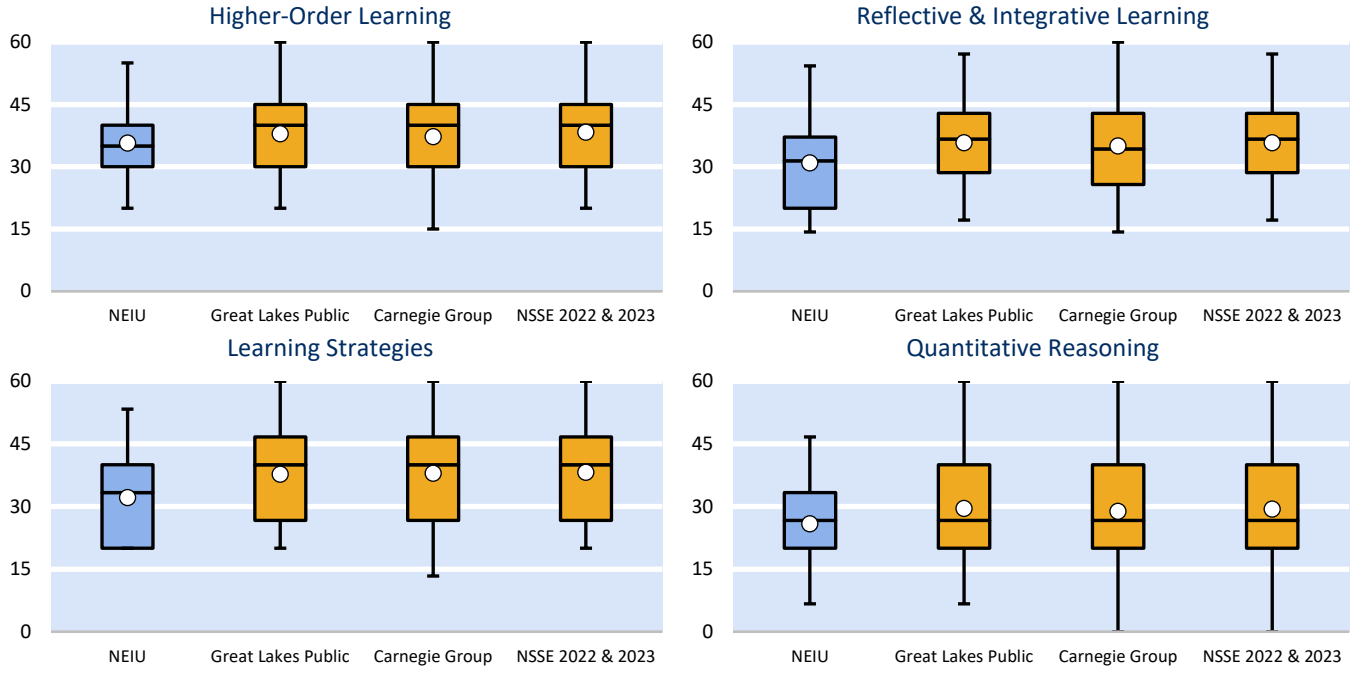
Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme: *Higher-Order Learning, 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

	NEIU	Your first-year students compared with					
		Great Lakes Public		Carnegie Group		NSSE 2022 & 2023	
Engagement Indicator	*Mean*	*Mean*	*Effect size*	*Mean*	*Effect size*	*Mean*	*Effect size*
Higher-Order Learning	35.7	38.0	-.18	37.3	-.11	38.3	-.19
Reflective & Integrative Learning	30.9	35.8 **	-.41	35.0 *	-.32	35.8 **	-.40
Learning Strategies	32.1	37.7 *	-.41	38.0 *	-.41	38.2 *	-.44
Quantitative Reasoning	25.8	29.5	-.24	28.8	-.19	29.4	-.23

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: 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		
			Great Lakes Public	Carnegie Group	NSSE 2022 & 2023
Higher-Order Learning	**NEIU**				
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	54	-18	-12	-16
4c.	Analyzing an idea, experience, or line of reasoning in depth by examining its parts	70	+1	+5	+1
4d.	Evaluating a point of view, decision, or information source	65	-3	-4	-5
4e.	Forming a new idea or understanding from various pieces of information	77	+6	+7	+6
Reflective & Integrative Learning					
Percentage of students who responded that they "Very often" or "Often"…					
2a.	Combined ideas from different courses when completing assignments	32	-24	-16	-22
2b.	Connected your learning to societal problems or issues	46	-6	-4	-7
2c.	Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	35	-19	-18	-19
2d.	Examined the strengths and weaknesses of your own views on a topic or issue	47	-18	-17	-18
2e.	Tried to better understand someone else's views by imagining how an issue looks from their perspective	51	-21	-19	-21
2f.	Learned something that changed the way you understand an issue or concept	55	-12	-10	-12
2g.	Connected ideas from your courses to your prior experiences and knowledge	66	-13	-8	-12
Learning Strategies					
Percentage of students who responded that they "Very often" or "Often"…					
9a.	Identified key information from reading assignments	68	-4	-2	-5
9b.	Reviewed your notes after class	50	-15	-15	-15
9c.	Summarized what you learned in class or from course materials	43	-22	-21	-22
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.)	39	-16	-14	-15
6b.	Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	32	-12	-10	-12
6c.	Evaluated what others have concluded from numerical information	24	-19	-16	-19

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.

NSSE 2023 Engagement Indicators

Academic Challenge

Northeastern Illinois University

Academic Challenge: Seniors

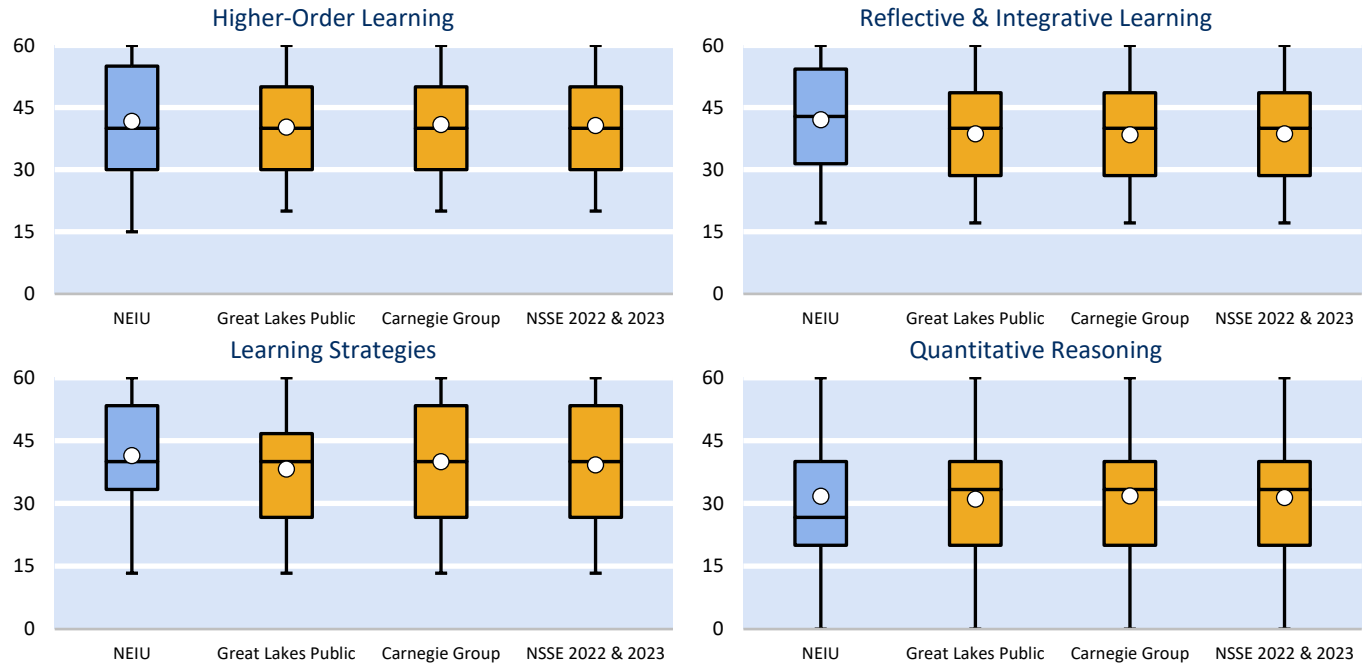
Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme: *Higher-Order Learning, 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

	NEIU	Your seniors compared with					
		Great Lakes Public		Carnegie Group		NSSE 2022 & 2023	
Engagement Indicator	*Mean*	*Mean*	*Effect size*	*Mean*	*Effect size*	*Mean*	*Effect size*
Higher-Order Learning	41.7	40.2	.11	40.9	.06	40.7	.07
Reflective & Integrative Learning	42.1	38.6 ***	.27	38.4 ***	.27	38.7 ***	.26
Learning Strategies	41.4	38.2 **	.22	39.9	.10	39.2 *	.15
Quantitative Reasoning	31.7	31.0	.04	31.8	-.01	31.4	.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



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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. 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		
	NEIU	Great Lakes Public	Carnegie Group	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	76	-3	-1	-2
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	78	+3	+1	+2
4d. Evaluating a point of view, decision, or information source	73	+3	-1	+0
4e. Forming a new idea or understanding from various pieces of information	74	+1	-1	+0
Reflective & Integrative Learning				
Percentage of students who responded that they "Very often" or "Often"…				
2a. Combined ideas from different courses when completing assignments	77	+6	+10	+9
2b. Connected your learning to societal problems or issues	73	+12	+12	+11
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	68	+12	+14	+12
2d. Examined the strengths and weaknesses of your own views on a topic or issue	72	+6	+6	+5
2e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	75	+2	+2	+1
2f. Learned something that changed the way you understand an issue or concept	79	+7	+8	+7
2g. Connected ideas from your courses to your prior experiences and knowledge	85	+1	+2	+1
Learning Strategies				
Percentage of students who responded that they "Very often" or "Often"…				
9a. Identified key information from reading assignments	80	+5	+2	+4
9b. Reviewed your notes after class	66	+4	-2	+1
9c. Summarized what you learned in class or from course materials	75	+9	+7	+7
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.)	58	+2	-1	+1
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	46	-2	-5	-3
6c. Evaluated what others have concluded from numerical information	46	-2	-3	-3

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.

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NSSE 2023 Engagement Indicators

Learning with Peers

Northeastern Illinois University

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

	NEIU	Your first-year students compared with					
		Great Lakes Public		Carnegie Group		NSSE 2022 & 2023	
Engagement Indicator	*Mean*	*Mean*	*Effect size*	*Mean*	*Effect size*	*Mean*	*Effect size*
Collaborative Learning	23.8	29.9 **	-.43	26.9	-.22	29.2 **	-.36
Discussions with Diverse Others	32.4	38.8 *	-.43	37.1	-.28	38.1	-.36

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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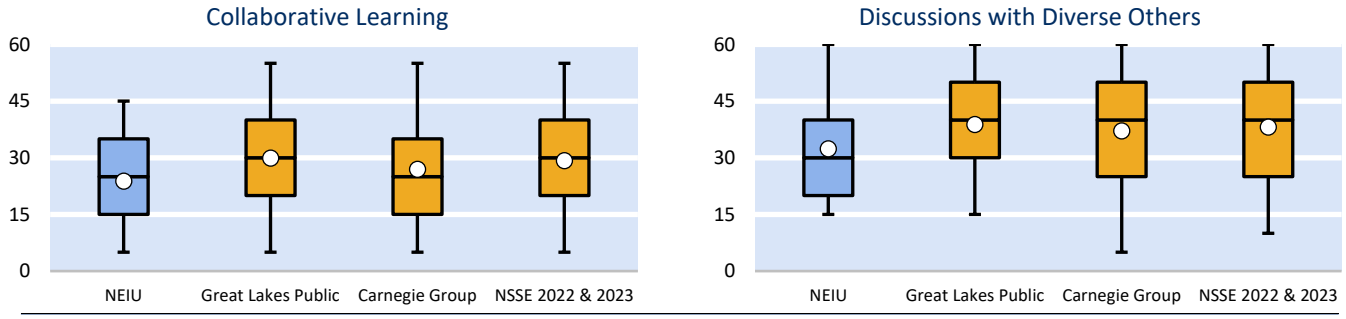

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Performance on Indicator Items

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. 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		
Collaborative Learning	NEIU	Great Lakes Public	Carnegie Group	NSSE 2022 & 2023
Percentage of students who responded that they "Very often" or "Often"...	%			
1b. Asked another student to help you understand course material	39	-7	-1	-5
1c. Explained course material to one or more students	38	-13	-5	-10
1d. Prepared for exams by discussing or working through course material with other students	21	-20	-14	-20
1e. Worked with other students on course projects or assignments	29	-22	-16	-21
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	-18	-20	-18
8b. People from economic backgrounds other than your own	54	-17	-12	-16
8c. People with religious beliefs other than your own	40	-27	-22	-25
8d. People with political views other than your own	44	-19	-12	-15

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.

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NSSE 2023 Engagement Indicators

Learning with Peers

Northeastern Illinois University

Learning with Peers: Seniors

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Mean Comparisons

	NEIU	Your seniors compared with					
		Great Lakes Public		Carnegie Group		NSSE 2022 & 2023	
Engagement Indicator	*Mean*	*Mean*	*Effect size*	*Mean*	*Effect size*	*Mean*	*Effect size*
Collaborative Learning	31.1	31.3	-.01	30.5	.04	30.3	.06
Discussions with Diverse Others	41.7	38.6 **	.20	39.2	.15	38.8 *	.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).

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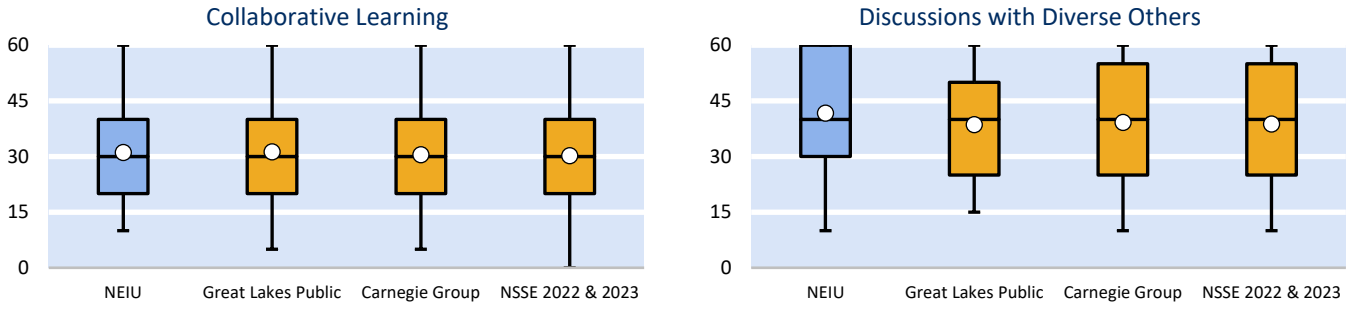

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		Percentage point difference [a] between your seniors and		
Collaborative Learning	NEIU	Great Lakes Public	Carnegie Group	NSSE 2022 & 2023
Percentage of students who responded that they "Very often" or "Often"...	%			
1b. Asked another student to help you understand course material	38	-6	-2	-3
1c. Explained course material to one or more students	52	-1	+2	+1
1d. Prepared for exams by discussing or working through course material with other students	37	-3	-1	-3
1e. Worked with other students on course projects or assignments	63	-1	+2	+3
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	82	+16	+8	+13
8b. People from economic backgrounds other than your own	76	+5	+5	+5
8c. People with religious beliefs other than your own	72	+7	+6	+7
8d. People with political views other than your own	59	-3	-1	-2

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NSSE 2023 Engagement Indicators

Experiences with Faculty

Northeastern Illinois University

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

	NEIU	*Your first-year students compared with*					
		Great Lakes Public		Carnegie Group		NSSE 2022 & 2023	
Engagement Indicator	*Mean*	*Mean*	*Effect size*	*Mean*	*Effect size*	*Mean*	*Effect size*
Student-Faculty Interaction	20.1	21.3	-.08	20.9	-.05	21.6	-.10
Effective Teaching Practices	40.4	38.1	.18	38.1	.17	38.4	.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).

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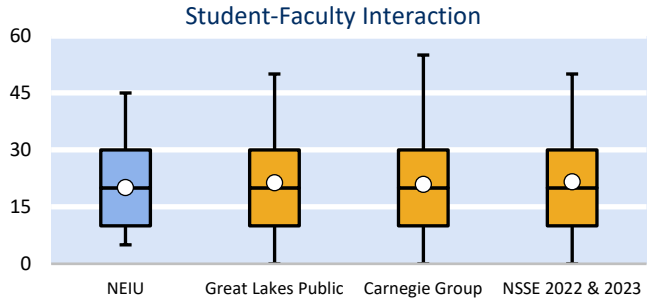

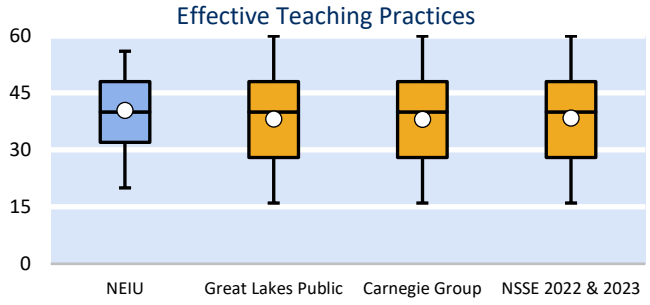

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		Percentage point difference[a] between your FY students and		
Student-Faculty Interaction	NEIU	Great Lakes Public	Carnegie Group	NSSE 2022 & 2023
Percentage of students who responded that they "Very often" or "Often"…	%			
3a. Talked about career plans with a faculty member	25	-13	-11	-12
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	9	-12	-13	-13
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	32	+6	+6	+5
3d. Discussed your academic performance with a faculty member	30	+2	-1	-1
Effective Teaching Practices				
Percentage responding "Very much" or "Quite a bit" about how much instructors have…				
5a. Clearly explained course goals and requirements	77	-1	+1	+0
5b. Taught course sessions in an organized way	76	+3	+7	+3
5c. Used examples or illustrations to explain difficult points	80	+5	+9	+7
5d. Provided feedback on a draft or work in progress	77	+14	+12	+13
5e. Provided prompt and detailed feedback on tests or completed assignments	67	+10	+8	+7

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Experiences with Faculty: Seniors

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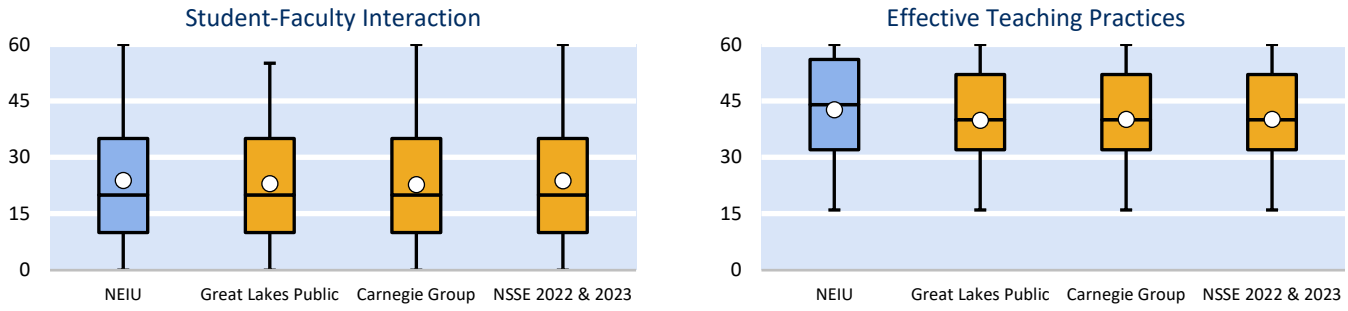
Student-Faculty Interaction	23.8	23.0	.05	22.7	.07	23.7	.00
Effective Teaching Practices	42.6	39.8 **	.21	40.0 *	.18	40.0 *	.18

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. 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		
Student-Faculty Interaction	NEIU	Great Lakes Public	Carnegie Group	NSSE 2022 & 2023
Percentage of students who responded that they "Very often" or "Often"…	%			
3a. Talked about career plans with a faculty member	42	+1	+2	-0
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	25	-2	-0	-3
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	32	+1	+1	-0
3d. Discussed your academic performance with a faculty member	38	+9	+6	+5
Effective Teaching Practices				
Percentage responding "Very much" or "Quite a bit" about how much instructors have…				
5a. Clearly explained course goals and requirements	83	+3	+3	+3
5b. Taught course sessions in an organized way	80	+3	+5	+4
5c. Used examples or illustrations to explain difficult points	81	+3	+6	+4
5d. Provided feedback on a draft or work in progress	72	+9	+8	+8
5e. Provided prompt and detailed feedback on tests or completed assignments	71	+8	+8	+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.

NSSE 2023 Engagement Indicators

Campus Environment

Northeastern Illinois University

Campus Environment: First-year students

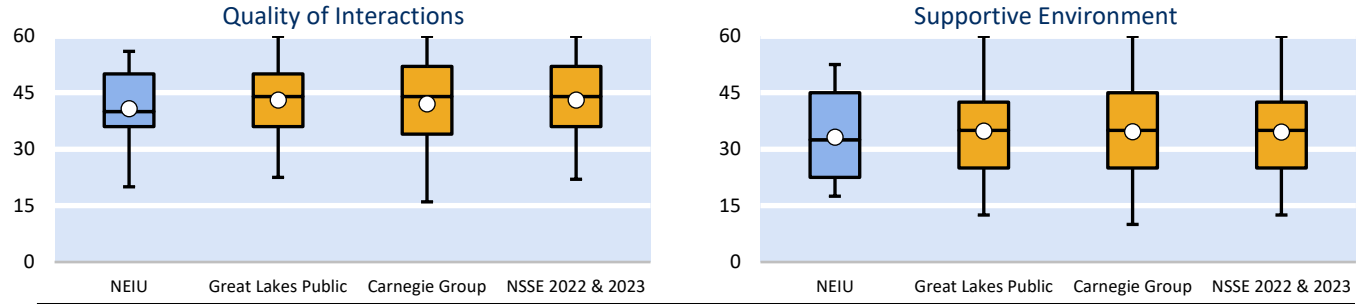
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment.* Below are three views of your results alongside those of your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

Mean Comparisons

	NEIU	Your first-year students compared with					
		Great Lakes Public		Carnegie Group		NSSE 2022 & 2023	
Engagement Indicator	*Mean*	*Mean*	*Effect size*	*Mean*	*Effect size*	*Mean*	*Effect size*
Quality of Interactions	40.8	43.1	-.21	42.1	-.10	43.0	-.19
Supportive Environment	33.2	34.8	-.12	34.6	-.10	34.6	-.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).

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 FY students and		
Quality of Interactions	NEIU	Great Lakes Public	Carnegie Group	NSSE 2022 & 2023
Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with…	%			
13a. Students	48	-2	+3	-2
13b. Academic advisors	45	-11	-3	-9
13c. Faculty	20	-30	-30	-33
13d. Student services staff (career services, student activities, housing, etc.)	35	-12	-13	-12
13e. Other administrative staff and offices (registrar, financial aid, etc.)	43	-3	-4	-4
Supportive Environment				
Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized…				
14b. Providing support to help students succeed academically	67	-5	-3	-4
14c. Using learning support services (tutoring services, writing center, etc.)	81	+8	+10	+9
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	63	+3	+2	+4
14e. Providing opportunities to be involved socially	54	-17	-12	-14
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	49	-19	-13	-16
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	41	+5	-1	+2
14h. Attending campus activities and events (performing arts, athletic events, etc.)	41	-23	-16	-21
14i. Attending events that address important social, economic, or political issues	39	-6	-8	-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.

NSSE 2023 Engagement Indicators

Campus Environment

Northeastern Illinois University

Campus Environment: Seniors

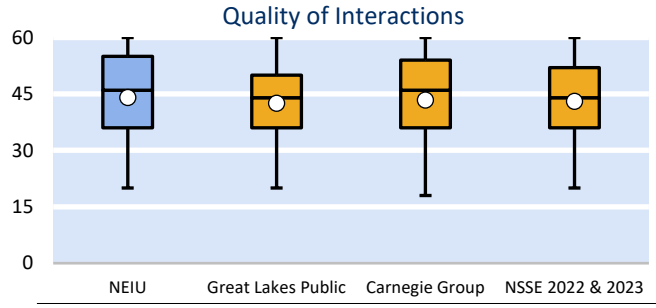
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment.* Below are three views of your results alongside those of your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

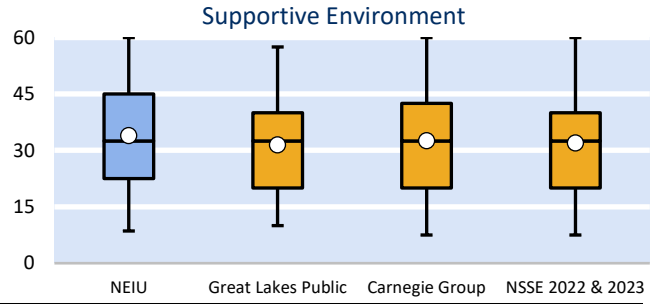
Mean Comparisons

	NEIU	Your seniors compared with					
		Great Lakes Public		Carnegie Group		NSSE 2022 & 2023	
Engagement Indicator	*Mean*	*Mean*	*Effect size*	*Mean*	*Effect size*	*Mean*	*Effect size*
Quality of Interactions	44.1	42.5	.13	43.4	.05	43.0	.09
Supportive Environment	33.9	31.5 *	.18	32.6	.09	32.0	.14

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		
	NEIU	Great Lakes Public	Carnegie Group	NSSE 2022 & 2023
Quality of Interactions				
Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with…	%			
13a. Students	64	+5	+4	+5
13b. Academic advisors	60	+10	+8	+6
13c. Faculty	63	+8	+4	+5
13d. Student services staff (career services, student activities, housing, etc.)	47	+3	-3	+1
13e. Other administrative staff and offices (registrar, financial aid, etc.)	46	+3	-3	+1
Supportive Environment				
Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized…				
14b. Providing support to help students succeed academically	71	+5	+3	+4
14c. Using learning support services (tutoring services, writing center, etc.)	68	+6	+3	+4
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	67	+15	+9	+13
14e. Providing opportunities to be involved socially	63	-1	+1	+0
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	62	+4	+3	+4
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	40	+12	+5	+8
14h. Attending campus activities and events (performing arts, athletic events, etc.)	49	-7	-2	-6
14i. Attending events that address important social, economic, or political issues	47	+8	+3	+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

			Your first-year students compared with					
		NEIU	NSSE Top 50%			NSSE Top 10%		
Theme	*Engagement Indicator*	*Mean*	*Mean*	*Effect size*	✓	*Mean*	*Effect size*	✓
Academic Challenge	Higher-Order Learning	35.7	39.5	-.29		42.2 **	-.51	
	Reflective and Integrative Learning	30.9	37.2 ***	-.53		39.8 ***	-.76	
	Learning Strategies	32.1	39.8 **	-.55		42.8 ***	-.76	
	Quantitative Reasoning	25.8	30.7 *	-.31		33.4 ***	-.49	
Learning with Peers	Collaborative Learning	23.8	33.2 ***	-.68		36.5 ***	-.93	
	Discussions with Diverse Others	32.4	40.5 **	-.55		43.6 ***	-.81	
Experiences with Faculty	Student-Faculty Interaction	20.1	25.4 **	-.35		29.3 ***	-.60	
	Effective Teaching Practices	40.4	40.1	.02	✓	43.3	-.22	
Campus Environment	Quality of Interactions	40.8	45.2	-.39		48.1 **	-.61	
	Supportive Environment	33.2	36.8	-.27		39.6 *	-.50	

Seniors

			Your seniors compared with					
		NEIU	NSSE Top 50%			NSSE Top 10%		
Theme	*Engagement Indicator*	*Mean*	*Mean*	*Effect size*	✓	*Mean*	*Effect size*	✓
Academic Challenge	Higher-Order Learning	41.7	42.1	-.03	✓	44.7 **	-.23	
	Reflective and Integrative Learning	42.1	40.6	.12	✓	43.1	-.08	✓
	Learning Strategies	41.4	40.9	.03	✓	43.6 *	-.15	
	Quantitative Reasoning	31.7	32.7	-.06	✓	36.3 ***	-.28	
Learning with Peers	Collaborative Learning	31.1	34.7 ***	-.25		38.1 ***	-.51	
	Discussions with Diverse Others	41.7	41.1	.04	✓	43.9 *	-.15	
Experiences with Faculty	Student-Faculty Interaction	23.8	29.6 ***	-.36		34.3 ***	-.66	
	Effective Teaching Practices	42.6	42.1	.04	✓	44.7 *	-.15	
Campus Environment	Quality of Interactions	44.1	45.4	-.11		47.9 ***	-.30	
	Supportive Environment	33.9	34.6	-.04	✓	37.7 **	-.27	

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												
NEIU (N = 33)	35.7	10.4	1.82	20	30	35	40	55				
Great Lakes Public	38.0	12.9	.14	20	30	40	45	60	8,804	-2.3	.310	-.177
Carnegie Group	37.3	14.2	.40	15	30	40	45	60	1,273	-1.6	.524	-.112
NSSE 2022 & 2023	38.3	13.3	.05	20	30	40	45	60	85,293	-2.6	.264	-.195
Top 50%	39.5	13.2	.06	20	30	40	50	60	54,819	-3.8	.096	-.290
Top 10%	42.2	12.8	.16	20	35	40	55	60	6,677	-6.5	.003	-.512
Reflective & Integrative Learning												
NEIU (N = 44)	30.9	12.4	1.87	14	20	31	37	54				
Great Lakes Public	35.8	11.8	.12	17	29	37	43	57	9,602	-4.9	.006	-.413
Carnegie Group	35.0	12.8	.34	14	26	34	43	60	1,429	-4.1	.037	-.319
NSSE 2022 & 2023	35.8	12.2	.04	17	29	37	43	57	93,294	-4.9	.008	-.401
Top 50%	37.2	12.0	.05	20	29	37	46	60	51,504	-6.3	.000	-.527
Top 10%	39.8	11.8	.14	20	31	40	49	60	6,735	-8.9	.000	-.757
Learning Strategies												
NEIU (N = 26)	32.1	11.6	2.28	20	20	33	40	53				
Great Lakes Public	37.7	13.6	.15	20	27	40	47	60	8,101	-5.6	.036	-.411
Carnegie Group	38.0	14.3	.42	13	27	40	47	60	1,170	-5.8	.040	-.408
NSSE 2022 & 2023	38.2	13.9	.05	20	27	40	47	60	78,581	-6.0	.026	-.436
Top 50%	39.8	13.9	.07	20	27	40	53	60	44,051	-7.6	.005	-.551
Top 10%	42.8	14.0	.15	20	33	40	60	60	9,204	-10.7	.000	-.761
Quantitative Reasoning												
NEIU (N = 29)	25.8	11.0	2.04	7	20	27	33	47				
Great Lakes Public	29.5	15.0	.17	7	20	27	40	60	28	-3.7	.084	-.243
Carnegie Group	28.8	15.8	.46	0	20	27	40	60	31	-3.0	.166	-.189
NSSE 2022 & 2023	29.4	15.5	.05	0	20	27	40	60	28	-3.6	.091	-.230
Top 50%	30.7	15.3	.07	7	20	27	40	60	28	-4.8	.025	-.315
Top 10%	33.4	15.4	.17	7	20	33	40	60	28	-7.6	.001	-.491
Learning with Peers												
Collaborative Learning												
NEIU (N = 47)	23.8	11.6	1.70	5	15	25	35	45				
Great Lakes Public	29.9	14.3	.14	5	20	30	40	55	10,493	-6.1	.003	-.429
Carnegie Group	26.9	14.5	.37	5	15	25	35	55	51	-3.1	.080	-.216
NSSE 2022 & 2023	29.2	15.0	.05	5	20	30	40	55	46	-5.4	.003	-.360
Top 50%	33.2	13.9	.06	10	25	35	40	60	60,034	-9.4	.000	-.676
Top 10%	36.5	13.7	.12	15	25	35	45	60	12,076	-12.7	.000	-.930
Discussions with Diverse Others												
NEIU (N = 28)	32.4	15.6	2.95	15	20	30	40	60				
Great Lakes Public	38.8	15.0	.17	15	30	40	50	60	8,156	-6.4	.024	-.427
Carnegie Group	37.1	16.9	.50	5	25	40	50	60	1,184	-4.7	.142	-.280
NSSE 2022 & 2023	38.1	15.8	.06	10	25	40	50	60	79,161	-5.7	.054	-.363
Top 50%	40.5	14.8	.07	20	30	40	55	60	48,590	-8.2	.003	-.551
Top 10%	43.6	13.9	.18	20	35	40	60	60	5,721	-11.3	.000	-.812

NSSE 2023 Engagement Indicators

Detailed Statistics[a]

Northeastern Illinois University

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												
NEIU (N = 40)	20.1	11.9	1.87	5	10	20	30	45				
Great Lakes Public	21.3	14.8	.15	0	10	20	30	50	39	-1.2	.513	-.084
Carnegie Group	20.9	16.0	.44	0	10	20	30	55	43	-.8	.666	-.053
NSSE 2022 & 2023	21.6	15.1	.05	0	10	20	30	50	39	-1.5	.428	-.099
Top 50%	25.4	15.3	.09	5	15	25	35	60	39	-5.3	.008	-.345
Top 10%	29.3	15.3	.24	5	20	25	40	60	40	-9.2	.000	-.600
Effective Teaching Practices												
NEIU (N = 34)	40.4	9.9	1.70	20	32	40	48	56				
Great Lakes Public	38.1	12.7	.14	16	28	40	48	60	8,746	2.3	.289	.182
Carnegie Group	38.1	14.2	.40	16	28	40	48	60	37	2.3	.190	.165
NSSE 2022 & 2023	38.4	13.3	.05	16	28	40	48	60	33	2.0	.239	.152
Top 50%	40.1	13.5	.07	16	32	40	52	60	33	.3	.878	.019
Top 10%	43.3	13.3	.19	20	36	44	56	60	34	-2.9	.103	-.215
Campus Environment												
Quality of Interactions												
NEIU (N = 25)	40.8	11.3	2.25	20	36	40	50	56				
Great Lakes Public	43.1	11.0	.13	23	36	44	50	60	7,521	-2.3	.293	-.210
Carnegie Group	42.1	13.3	.42	16	34	44	52	60	1,035	-1.3	.636	-.095
NSSE 2022 & 2023	43.0	11.7	.04	22	36	44	52	60	72,345	-2.2	.340	-.190
Top 50%	45.2	11.5	.07	24	38	46	54	60	30,304	-4.5	.051	-.389
Top 10%	48.1	12.1	.16	24	42	50	60	60	5,668	-7.3	.002	-.608
Supportive Environment												
NEIU (N = 26)	33.2	12.9	2.53	18	23	33	45	53				
Great Lakes Public	34.8	13.0	.15	13	25	35	43	60	7,855	-1.6	.526	-.124
Carnegie Group	34.6	14.5	.44	10	25	35	45	60	1,122	-1.4	.624	-.097
NSSE 2022 & 2023	34.6	13.5	.05	13	25	35	43	60	76,015	-1.4	.608	-.100
Top 50%	36.8	13.1	.07	15	28	38	45	60	33,127	-3.5	.166	-.272
Top 10%	39.6	12.8	.20	20	30	40	50	60	3,933	-6.4	.010	-.503

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.

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NSSE 2023 Engagement Indicators

Detailed Statistics[a]

Northeastern Illinois 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												
NEIU (N = 192)	41.7	15.8	1.14	15	30	40	55	60				
Great Lakes Public	40.2	13.6	.09	20	30	40	50	60	193	1.4	.207	.106
Carnegie Group	40.9	13.8	.22	20	30	40	50	60	206	.8	.503	.056
NSSE 2022 & 2023	40.7	13.8	.03	20	30	40	50	60	191	1.0	.369	.074
Top 50%	42.1	13.6	.04	20	35	40	55	60	191	-.4	.744	-.027
Top 10%	44.7	12.8	.14	20	40	45	60	60	196	-3.0	.009	-.234
Reflective & Integrative Learning												
NEIU (N = 211)	42.1	14.4	.99	17	31	43	54	60				
Great Lakes Public	38.6	12.8	.09	17	29	40	49	60	214	3.5	.001	.269
Carnegie Group	38.4	13.2	.20	17	29	40	49	60	4,379	3.6	.000	.273
NSSE 2022 & 2023	38.7	12.9	.03	17	29	40	49	60	211	3.4	.001	.264
Top 50%	40.6	12.5	.04	20	31	40	51	60	211	1.5	.136	.119
Top 10%	43.1	11.8	.13	23	34	43	54	60	218	-1.0	.313	-.085
Learning Strategies												
NEIU (N = 177)	41.4	15.4	1.16	13	33	40	53	60				
Great Lakes Public	38.2	14.7	.10	13	27	40	47	60	19,731	3.2	.004	.217
Carnegie Group	39.9	14.6	.24	13	27	40	53	60	3,796	1.5	.195	.100
NSSE 2022 & 2023	39.2	14.6	.03	13	27	40	53	60	187,827	2.2	.041	.153
Top 50%	40.9	14.5	.05	20	33	40	53	60	99,374	.5	.679	.031
Top 10%	43.6	14.1	.12	20	33	40	60	60	14,619	-2.2	.042	-.154
Quantitative Reasoning												
NEIU (N = 180)	31.7	17.2	1.28	0	20	27	40	60				
Great Lakes Public	31.0	16.3	.12	0	20	33	40	60	19,956	.6	.598	.039
Carnegie Group	31.8	16.4	.27	0	20	33	40	60	3,852	-.1	.947	-.005
NSSE 2022 & 2023	31.4	16.6	.04	0	20	33	40	60	190,404	.3	.826	.016
Top 50%	32.7	16.5	.05	7	20	33	40	60	116,811	-1.0	.412	-.061
Top 10%	36.3	16.2	.17	7	20	40	47	60	9,545	-4.6	.000	-.284
Learning with Peers												
Collaborative Learning												
NEIU (N = 219)	31.1	14.8	1.00	10	20	30	40	60				
Great Lakes Public	31.3	15.2	.10	5	20	30	40	60	23,832	-.2	.872	-.011
Carnegie Group	30.5	15.4	.23	5	20	30	40	60	4,591	.6	.556	.041
NSSE 2022 & 2023	30.3	16.0	.03	0	20	30	40	60	224,117	.9	.413	.055
Top 50%	34.7	14.2	.05	10	25	35	45	60	93,562	-3.6	.000	-.251
Top 10%	38.1	13.6	.12	15	30	40	50	60	12,855	-7.0	.000	-.511
Discussions with Diverse Others												
NEIU (N = 179)	41.7	16.1	1.20	10	30	40	60	60				
Great Lakes Public	38.6	15.6	.11	15	25	40	50	60	19,793	3.1	.008	.199
Carnegie Group	39.2	16.8	.28	10	25	40	55	60	3,814	2.5	.051	.149
NSSE 2022 & 2023	38.8	16.2	.04	10	25	40	55	60	188,776	2.9	.017	.179
Top 50%	41.1	15.6	.05	15	30	40	55	60	102,647	.7	.576	.042
Top 10%	43.9	14.8	.14	20	35	45	60	60	11,104	-2.2	.046	-.150

NSSE 2023 Engagement Indicators

Detailed Statistics[a]

Northeastern Illinois 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]
Experiences with Faculty												
Student-Faculty Interaction												
NEIU (N = 197)	23.8	17.3	1.23	0	10	20	35	60				
Great Lakes Public	23.0	16.0	.11	0	10	20	35	55	21,648	.8	.465	.052
Carnegie Group	22.7	16.8	.27	0	10	20	35	60	4,217	1.2	.346	.069
NSSE 2022 & 2023	23.7	16.5	.04	0	10	20	35	60	205,878	.1	.950	.004
Top 50%	29.6	16.2	.08	5	20	30	40	60	44,956	-5.8	.000	-.355
Top 10%	34.3	15.8	.22	10	20	35	45	60	5,293	-10.4	.000	-.656
Effective Teaching Practices												
NEIU (N = 188)	42.6	14.6	1.06	16	32	44	56	60				
Great Lakes Public	39.8	13.8	.10	16	32	40	52	60	20,942	2.9	.005	.208
Carnegie Group	40.0	14.7	.24	16	32	40	52	60	4,050	2.6	.018	.177
NSSE 2022 & 2023	40.0	14.1	.03	16	32	40	52	60	199,366	2.6	.012	.184
Top 50%	42.1	13.8	.05	20	32	40	56	60	68,868	.5	.621	.036
Top 10%	44.7	13.4	.13	20	36	44	56	60	10,955	-2.1	.036	-.154
Campus Environment												
Quality of Interactions												
NEIU (N = 163)	44.1	13.3	1.04	20	36	46	55	60				
Great Lakes Public	42.5	11.9	.09	20	36	44	50	60	17,915	1.6	.090	.133
Carnegie Group	43.4	13.1	.23	18	36	46	54	60	3,428	.7	.505	.053
NSSE 2022 & 2023	43.0	12.4	.03	20	36	44	52	60	171,034	1.1	.276	.085
Top 50%	45.4	12.1	.04	22	38	48	55	60	74,018	-1.3	.178	-.105
Top 10%	47.9	12.5	.09	22	40	50	60	60	18,501	-3.8	.000	-.302
Supportive Environment												
NEIU (N = 173)	33.9	15.8	1.20	9	23	33	45	60				
Great Lakes Public	31.5	13.9	.10	10	20	33	40	58	174	2.4	.044	.176
Carnegie Group	32.6	15.1	.26	8	20	33	43	60	3,666	1.3	.263	.087
NSSE 2022 & 2023	32.0	14.5	.03	8	20	33	40	60	183,401	2.0	.074	.136
Top 50%	34.6	14.3	.06	10	25	35	45	60	173	-.6	.614	-.042
Top 10%	37.7	13.9	.17	15	28	38	48	60	179	-3.7	.002	-.267

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.

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