NSSE 2023
Engagement Indicators

Kent State University at Kent

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.

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 Class	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 Class	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
Kent State University at Kent

## 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

	Kent State	Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
			Your first-year students compared with				
Engagement Indicator	*Mean*	*Mean*	*Effect size*	*Mean*	*Effect size*	*Mean*	*Effect size*
Higher-Order Learning	38.5	38.0	.04	38.4	.00	38.3	.01
Reflective & Integrative Learning	36.5	35.8	.06	35.7	.06	35.8	.06
Learning Strategies	37.4	37.7	-.02	37.8	-.03	38.2	-.06
Quantitative Reasoning	27.3	29.6 ***	-.15	30.2 ***	-.19	29.4 ***	-.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
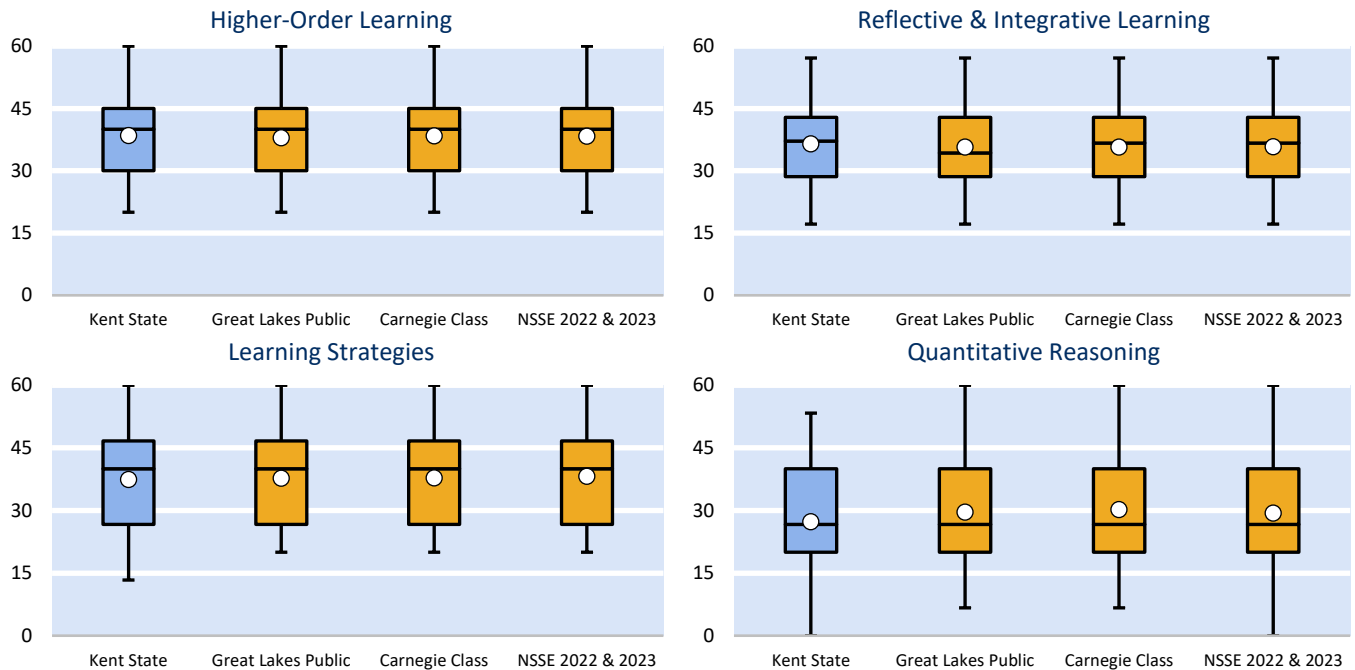
Notes: Each box-and-whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot represents the mean score. Refer to Detailed Statistics for your institution's sample sizes.

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.

| | Kent State | Percentage point difference [a] between your FY students and | | |
		Great Lakes Public	Carnegie Class	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	73	+0	-0	+2
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	71	+2	+0	+2
4d. Evaluating a point of view, decision, or information source	70	+1	+2	-0
4e. Forming a new idea or understanding from various pieces of information	72	+2	+2	+2
Reflective & Integrative Learning				
Percentage of students who responded that they "Very often" or "Often"…				
2a. Combined ideas from different courses when completing assignments	59	+3	+4	+5
2b. Connected your learning to societal problems or issues	55	+3	+3	+3
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	56	+2	+2	+2
2d. Examined the strengths and weaknesses of your own views on a topic or issue	68	+4	+4	+3
2e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	75	+4	+4	+4
2f. Learned something that changed the way you understand an issue or concept	66	-1	-1	-1
2g. Connected ideas from your courses to your prior experiences and knowledge	83	+4	+4	+5
Learning Strategies				
Percentage of students who responded that they "Very often" or "Often"…				
9a. Identified key information from reading assignments	71	-1	-1	-2
9b. Reviewed your notes after class	64	-1	-2	-2
9c. Summarized what you learned in class or from course materials	64	-1	-1	-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.)	48	-8	-9	-7
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	43	-2	-2	-1
6c. Evaluated what others have concluded from numerical information	40	-4	-6	-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.

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

| | Kent State | Your seniors compared with | | | | | |
| | | Great Lakes Public | | Carnegie Class | | NSSE 2022 & 2023 | |
Engagement Indicator	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
Higher-Order Learning	39.9	40.3	-.02	39.9	.00	40.7	-.05
Reflective & Integrative Learning	39.3	38.6	.05	37.8 **	.12	38.7	.05
Learning Strategies	38.4	38.2	.01	38.2	.01	39.2	-.05
Quantitative Reasoning	29.4	31.1 *	-.11	32.0 ***	-.16	31.4 **	-.12

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

Score Distributions
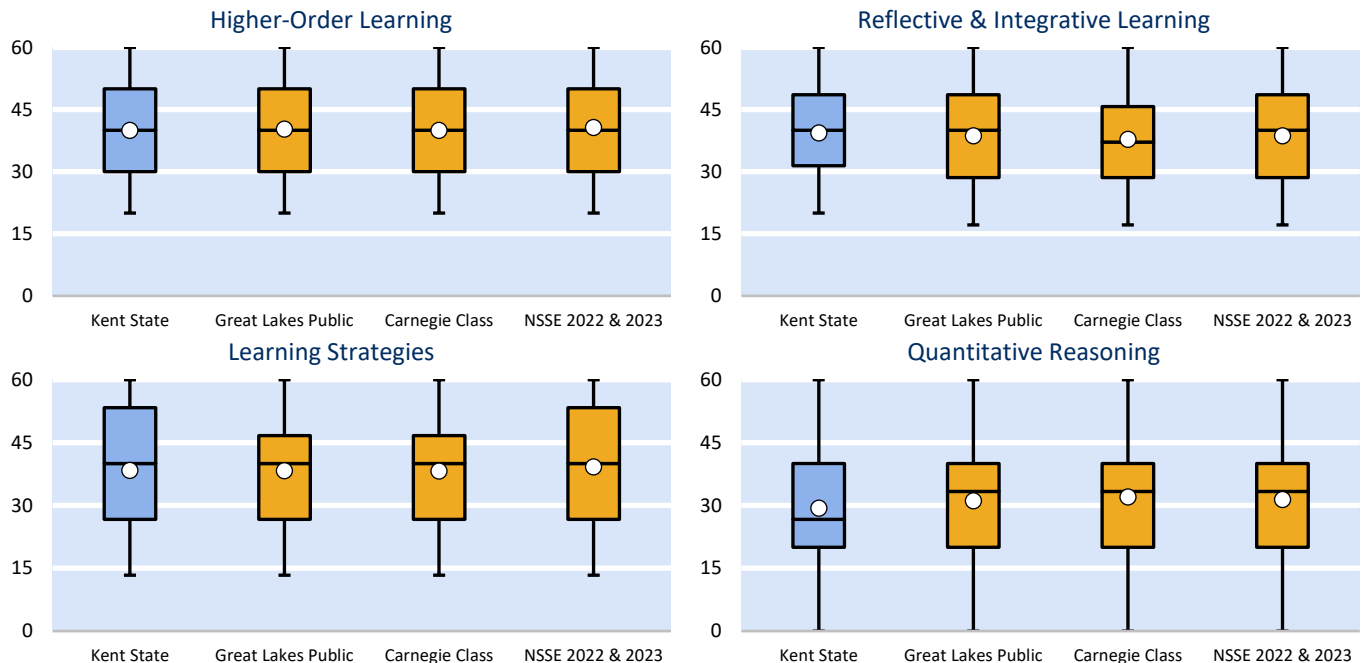
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Academic Challenge: Seniors (continued)

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.

	Kent State	*Percentage point difference [a] between your seniors and*		
Higher-Order Learning		**Great Lakes Public**	**Carnegie Class**	**NSSE 2022 & 2023**
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	79	+0	+2	+2
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	72	-3	-3	-3
4d. Evaluating a point of view, decision, or information source	68	-1	-0	-4
4e. Forming a new idea or understanding from various pieces of information	73	-0	+1	-2
Reflective & Integrative Learning				
Percentage of students who responded that they "Very often" or "Often"…				
2a. Combined ideas from different courses when completing assignments	73	+3	+5	+5
2b. Connected your learning to societal problems or issues	62	+0	+3	-0
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	57	+2	+5	+1
2d. Examined the strengths and weaknesses of your own views on a topic or issue	67	+0	+2	-1
2e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	77	+3	+5	+3
2f. Learned something that changed the way you understand an issue or concept	71	-0	-0	-1
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	73	-2	-1	-3
9b. Reviewed your notes after class	61	-2	-2	-4
9c. Summarized what you learned in class or from course materials	65	-1	-1	-3
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.)	52	-4	-7	-5
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	41	-7	-8	-8
6c. Evaluated what others have concluded from numerical information	42	-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.

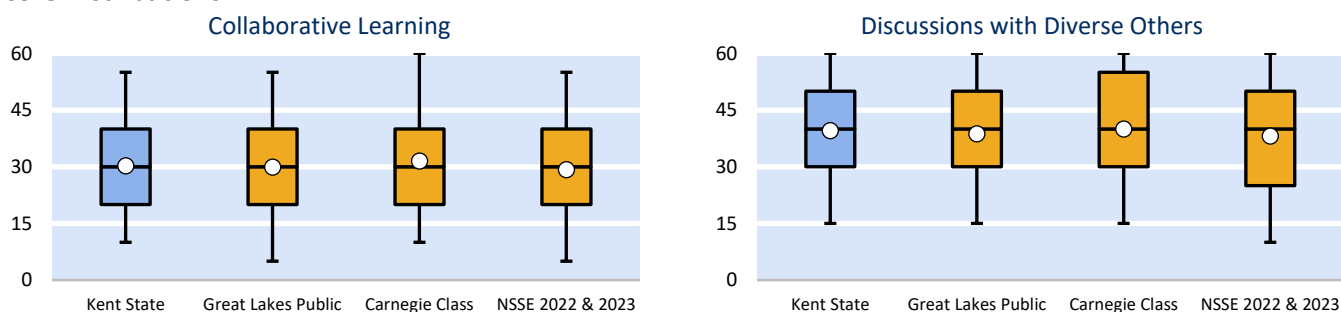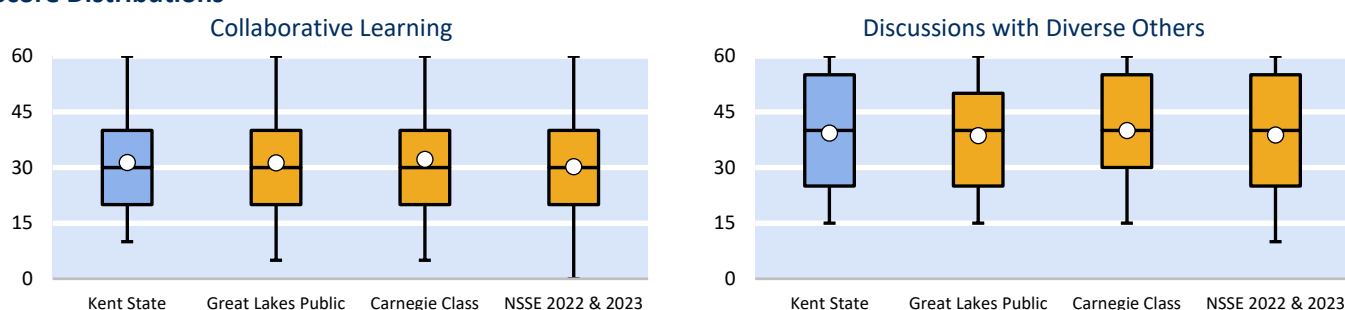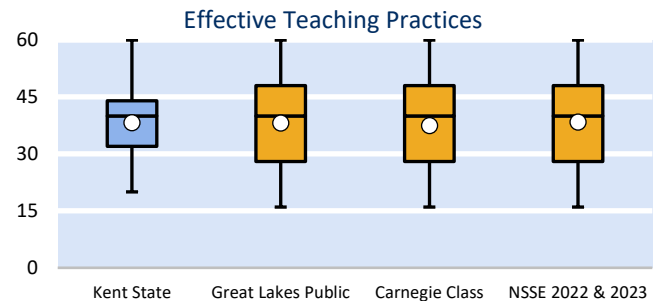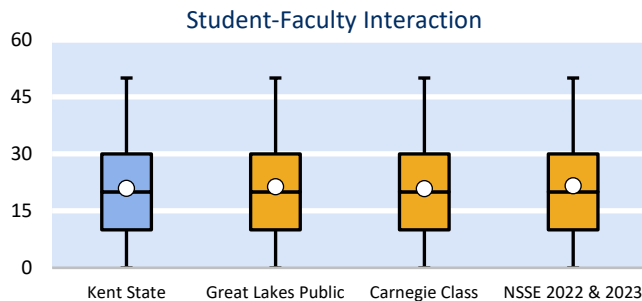## Learning with Peers: First-year students

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

	Kent State	Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
			Your first-year students compared with				
Engagement Indicator	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
Collaborative Learning	30.2	29.9	.02	31.5 **	-.09	29.2 *	.07
Discussions with Diverse Others	39.5	38.7	.06	40.0	-.03	38.1 *	.09

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

Score Distributions

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Performance on Indicator Items

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.

Collaborative Learning	Kent State	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
		Percentage point difference [a] between your FY students and		
Percentage of students who responded that they "Very often" or "Often"…	%			
1b. Asked another student to help you understand course material	47	+2	-2	+3
1c. Explained course material to one or more students	56	+5	+3	+8
1d. Prepared for exams by discussing or working through course material with other students	41	+1	-5	+0
1e. Worked with other students on course projects or assignments	47	-4	-6	-3

Discussions with Diverse Others	Kent State	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
Percentage of students who responded that they "Very often" or "Often" had discussions with…				
8a. People of races or ethnicities other than your own	72	+4	-1	+3
8b. People from economic backgrounds other than your own	73	+2	-1	+3
8c. People with religious beliefs other than your own	69	+2	-1	+4
8d. People with political views other than your own	60	-3	-1	+1

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: Seniors

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

| | Kent State | Your seniors compared with | | | | | |
| | | Great Lakes Public | | Carnegie Class | | NSSE 2022 & 2023 | |
Engagement Indicator	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
Collaborative Learning	31.4	31.3	.00	32.2	-.06	30.3 *	.07
Discussions with Diverse Others	39.3	38.6	.05	40.0	-.05	38.8	.03

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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Performance on Indicator Items

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| Collaborative Learning | Kent State | Percentage point difference [a] between your seniors and | | |
		Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
Percentage of students who responded that they "Very often" or "Often"…	%			
1b. Asked another student to help you understand course material	44	+1	-1	+3
1c. Explained course material to one or more students	55	+2	+0	+4
1d. Prepared for exams by discussing or working through course material with other students	41	+1	-2	+1
1e. Worked with other students on course projects or assignments	58	-6	-7	-2

Discussions with Diverse Others	Kent State	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
Percentage of students who responded that they "Very often" or "Often" had discussions with…				
8a. People of races or ethnicities other than your own	68	+1	-5	-2
8b. People from economic backgrounds other than your own	72	+1	-2	+1
8c. People with religious beliefs other than your own	67	+2	-2	+2
8d. People with political views other than your own	61	-0	+0	+1

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NSSE 2023 Engagement Indicators

Experiences with Faculty

Kent State University at Kent

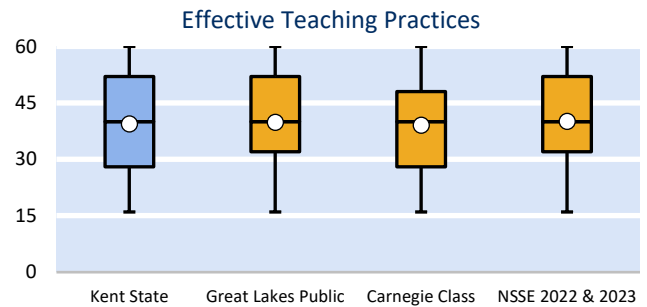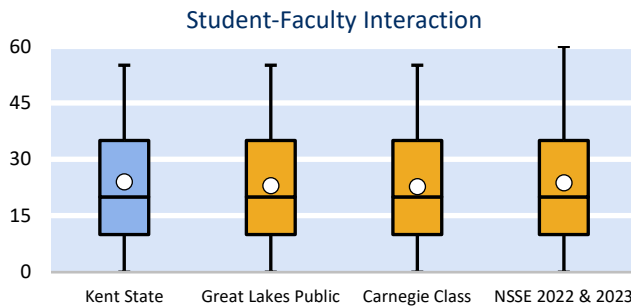## Experiences with Faculty: First-year students

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

	Kent State		*Your first-year students compared with*				
		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
Engagement Indicator	*Mean*	*Mean*	*Effect size*	*Mean*	*Effect size*	*Mean*	*Effect size*
Student-Faculty Interaction	20.9	21.3	-.03	20.9	.00	21.6	-.04
Effective Teaching Practices	38.2	38.1	.01	37.5	.06	38.4	-.01

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Performance on Indicator Items

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Student-Faculty Interaction	Kent State	*Percentage point difference [a] between your FY students and*		
		Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
Percentage of students who responded that they "Very often" or "Often"…	%			
3a. Talked about career plans with a faculty member	41	+3	+5	+3
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	20	-1	-1	-2
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	23	-3	-3	-4
3d. Discussed your academic performance with a faculty member	27	-2	-1	-4
Effective Teaching Practices				
Percentage responding "Very much" or "Quite a bit" about how much instructors have…				
5a. Clearly explained course goals and requirements	79	+1	+2	+2
5b. Taught course sessions in an organized way	74	+1	+1	+1
5c. Used examples or illustrations to explain difficult points	78	+3	+4	+5
5d. Provided feedback on a draft or work in progress	64	+1	+4	-0
5e. Provided prompt and detailed feedback on tests or completed assignments	56	-2	+1	-4

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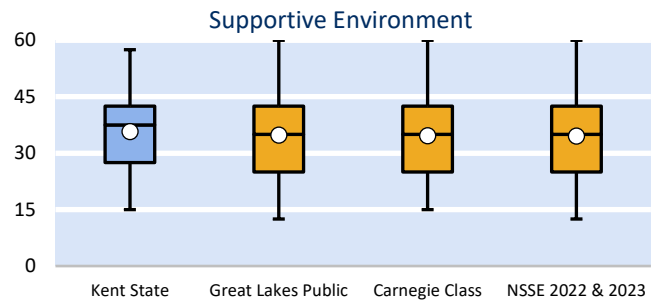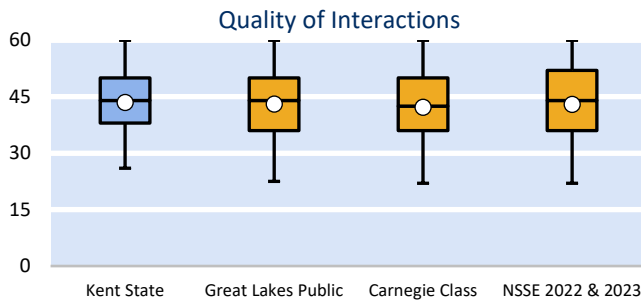
NSSE 2023 Engagement Indicators
Experiences with Faculty
Kent State University at Kent

Experiences with Faculty: Seniors

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| | Kent State | Your seniors compared with | | | | | |
| | | Great Lakes Public | | Carnegie Class | | NSSE 2022 & 2023 | |
Engagement Indicator	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
Student-Faculty Interaction	24.0	23.0	.07	22.7 *	.08	23.7	.02
Effective Teaching Practices	39.4	39.8	-.03	39.0	.02	40.0	-.05

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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.

| | Kent State | Percentage point difference [a] between your seniors and | | |
Student-Faculty Interaction		Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
Percentage of students who responded that they "Very often" or "Often"…	%			
3a. Talked about career plans with a faculty member	44	+3	+6	+2
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	29	+3	+2	+1
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	33	+3	+3	+1
3d. Discussed your academic performance with a faculty member	32	+2	+3	-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	-3	-2	-3
5b. Taught course sessions in an organized way	74	-2	-1	-2
5c. Used examples or illustrations to explain difficult points	77	-1	-0	+0
5d. Provided feedback on a draft or work in progress	65	+2	+5	+1
5e. Provided prompt and detailed feedback on tests or completed assignments	60	-4	-0	-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.

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

	Kent State	Your first-year students compared with					
		Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
Engagement Indicator	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
Quality of Interactions	43.5	43.1	.04	42.2 **	.11	43.0	.04
Supportive Environment	35.8	34.8	.08	34.7 *	.08	34.6 *	.09

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.

	Kent State	Percentage point difference[a] between your FY students and		
Quality of Interactions		Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with...	%			
13a. Students	49	-1	-2	-1
13b. Academic advisors	59	+3	+8	+5
13c. Faculty	45	-5	-3	-7
13d. Student services staff (career services, student activities, housing, etc.)	47	+0	+3	+0
13e. Other administrative staff and offices (registrar, financial aid, etc.)	42	-4	+1	-5
Supportive Environment				
Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...				
14b. Providing support to help students succeed academically	75	+3	+4	+4
14c. Using learning support services (tutoring services, writing center, etc.)	74	+1	+2	+2
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	65	+5	+5	+6
14e. Providing opportunities to be involved socially	74	+4	+4	+6
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	70	+3	+4	+5
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	38	+2	+1	-1
14h. Attending campus activities and events (performing arts, athletic events, etc.)	67	+3	-0	+4
14i. Attending events that address important social, economic, or political issues	44	-1	-1	-1

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

	Kent State	Great Lakes Public		Carnegie Class		NSSE 2022 & 2023	
		Your seniors compared with					
Engagement Indicator	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
Quality of Interactions	41.1	42.6 **	-.13	41.7	-.05	43.1 ***	-.16
Supportive Environment	31.7	31.5	.01	31.6	.00	32.0	-.02

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

Score Distributions

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

Performance on Indicator Items

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

Quality of Interactions	Kent State	Great Lakes Public	Carnegie Class	NSSE 2022 & 2023
		Percentage point difference [a] between your seniors and		
Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with…	%			
13a. Students	56	-3	-2	-3
13b. Academic advisors	46	-4	-2	-7
13c. Faculty	53	-1	+1	-4
13d. Student services staff (career services, student activities, housing, etc.)	42	-2	+1	-3
13e. Other administrative staff and offices (registrar, financial aid, etc.)	42	-2	+2	-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	66	-1	+1	-2
14c. Using learning support services (tutoring services, writing center, etc.)	60	-3	-1	-5
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	52	-0	-2	-2
14e. Providing opportunities to be involved socially	66	+2	+2	+3
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	58	-0	+1	-0
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	28	-0	-1	-4
14h. Attending campus activities and events (performing arts, athletic events, etc.)	52	-3	-7	-2
14i. Attending events that address important social, economic, or political issues	40	+1	+1	-1

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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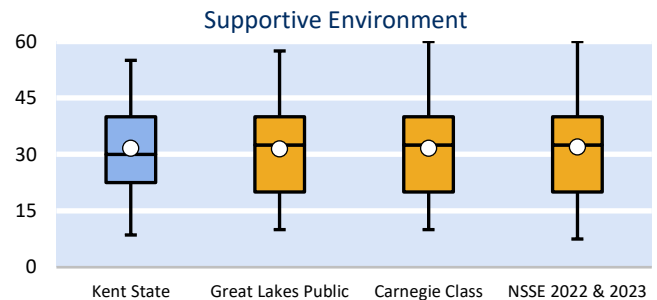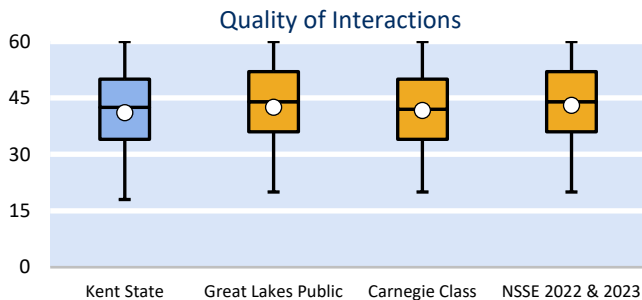
Comparisons with Top 50% and Top 10% Institutions

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

| | | Kent State | | Your first-year students compared with | | | | |
| | | | NSSE Top 50% | | | NSSE Top 10% | | |
Theme	Engagement Indicator	Mean	Mean	Effect size	✓	Mean	Effect size	✓
Academic Challenge	Higher-Order Learning	38.5	39.5 *	-.08		42.2 ***	-.29	
	Reflective and Integrative Learning	36.5	37.3	-.06	✓	39.8 ***	-.29	
	Learning Strategies	37.4	39.8 ***	-.17		42.8 ***	-.39	
	Quantitative Reasoning	27.3	30.7 ***	-.22		33.4 ***	-.40	
Learning with Peers	Collaborative Learning	30.2	33.2 ***	-.22		36.5 ***	-.46	
	Discussions with Diverse Others	39.5	40.5	-.07	✓	43.6 ***	-.29	
Experiences with Faculty	Student-Faculty Interaction	20.9	25.4 ***	-.29		29.3 ***	-.55	
	Effective Teaching Practices	38.2	40.1 ***	-.14		43.3 ***	-.38	
Campus Environment	Quality of Interactions	43.5	45.3 ***	-.16		48.1 ***	-.39	
	Supportive Environment	35.8	36.8 *	-.08		39.6 ***	-.30	

Seniors

| | | Kent State | | Your seniors compared with | | | | |
| | | | NSSE Top 50% | | | NSSE Top 10% | | |
Theme	Engagement Indicator	Mean	Mean	Effect size	✓	Mean	Effect size	✓
Academic Challenge	Higher-Order Learning	39.9	42.1 ***	-.16		44.7 ***	-.37	
	Reflective and Integrative Learning	39.3	40.6 **	-.10		43.1 ***	-.32	
	Learning Strategies	38.4	40.9 ***	-.18		43.6 ***	-.37	
	Quantitative Reasoning	29.4	32.7 ***	-.20		36.3 ***	-.43	
Learning with Peers	Collaborative Learning	31.4	34.7 ***	-.23		38.1 ***	-.49	
	Discussions with Diverse Others	39.3	41.1 **	-.11		43.9 ***	-.31	
Experiences with Faculty	Student-Faculty Interaction	24.0	29.6 ***	-.34		34.3 ***	-.65	
	Effective Teaching Practices	39.4	42.1 ***	-.20		44.7 ***	-.40	
Campus Environment	Quality of Interactions	41.1	45.4 ***	-.35		47.9 ***	-.54	
	Supportive Environment	31.7	34.5 ***	-.20		37.7 ***	-.43	

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.

NSSE 2023 Engagement Indicators

Detailed Statistics[a]
Kent State University at Kent

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												
Kent State (N = 741)	38.5	12.1	.44	20	30	40	45	60				
Great Lakes Public	38.0	12.9	.10	20	30	40	45	60	16,777	.5	.279	.041
Carnegie Class	38.4	13.2	.06	20	30	40	45	60	771	.0	.929	.003
NSSE 2022 & 2023	38.3	13.3	.03	20	30	40	45	60	748	.2	.682	.014
Top 50%	39.5	13.2	.04	20	30	40	50	60	104,393	-1.1	.029	-.080
Top 10%	42.2	12.8	.11	20	35	40	55	60	839	-3.8	.000	-.295
Reflective & Integrative Learning												
Kent State (N = 789)	36.5	11.2	.40	17	29	37	43	57				
Great Lakes Public	35.8	11.8	.09	17	29	34	43	57	869	.7	.074	.062
Carnegie Class	35.7	12.0	.06	17	29	37	43	57	820	.8	.059	.063
NSSE 2022 & 2023	35.8	12.2	.03	17	29	37	43	57	796	.7	.090	.056
Top 50%	37.3	12.0	.04	20	29	37	46	60	803	-.8	.054	-.064
Top 10%	39.8	11.8	.10	20	31	40	49	60	13,539	-3.4	.000	-.287
Learning Strategies												
Kent State (N = 675)	37.4	13.5	.52	13	27	40	47	60				
Great Lakes Public	37.7	13.6	.11	20	27	40	47	60	15,438	-.3	.549	-.024
Carnegie Class	37.8	13.6	.07	20	27	40	47	60	39,263	-.4	.420	-.031
NSSE 2022 & 2023	38.2	13.9	.04	20	27	40	47	60	149,732	-.8	.147	-.056
Top 50%	39.8	13.9	.05	20	27	40	53	60	84,564	-2.4	.000	-.171
Top 10%	42.8	14.0	.11	20	33	40	60	60	731	-5.4	.000	-.386
Quantitative Reasoning												
Kent State (N = 685)	27.3	14.9	.57	0	20	27	40	53				
Great Lakes Public	29.6	15.0	.12	7	20	27	40	60	15,699	-2.3	.000	-.151
Carnegie Class	30.2	15.1	.08	7	20	27	40	60	39,915	-2.9	.000	-.191
NSSE 2022 & 2023	29.4	15.5	.04	0	20	27	40	60	691	-2.1	.000	-.135
Top 50%	30.7	15.3	.05	7	20	27	40	60	102,770	-3.3	.000	-.218
Top 10%	33.4	15.4	.12	7	20	33	40	60	17,066	-6.1	.000	-.395
Learning with Peers												
Collaborative Learning												
Kent State (N = 829)	30.2	14.1	.49	10	20	30	40	55				
Great Lakes Public	29.9	14.3	.10	5	20	30	40	55	19,995	.3	.534	.022
Carnegie Class	31.5	14.3	.06	10	20	30	40	60	50,951	-1.3	.009	-.091
NSSE 2022 & 2023	29.2	15.0	.03	5	20	30	40	55	836	1.0	.042	.066
Top 50%	33.2	13.9	.04	10	25	35	40	60	115,132	-3.0	.000	-.217
Top 10%	36.5	13.7	.09	15	25	35	45	60	23,751	-6.3	.000	-.462
Discussions with Diverse Others												
Kent State (N = 680)	39.5	14.5	.56	15	30	40	50	60				
Great Lakes Public	38.7	15.0	.12	15	30	40	50	60	15,543	.8	.152	.056
Carnegie Class	40.0	14.9	.08	15	30	40	55	60	39,536	-.4	.442	-.030
NSSE 2022 & 2023	38.1	15.8	.04	10	25	40	50	60	686	1.4	.010	.091
Top 50%	40.5	14.8	.05	20	30	40	55	60	92,534	-1.0	.080	-.067
Top 10%	43.6	13.9	.13	20	35	40	60	60	11,529	-4.1	.000	-.295

NSSE 2023 Engagement Indicators
Detailed Statistics[a]
Kent State University at Kent

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												
Kent State (N = 756)	20.9	14.1	.51	0	10	20	30	50				
Great Lakes Public	21.3	14.8	.11	0	10	20	30	50	17,473	-.4	.462	-.027
Carnegie Class	20.9	15.0	.07	0	10	20	30	50	44,308	.1	.900	.005
NSSE 2022 & 2023	21.6	15.1	.04	0	10	20	30	50	763	-.7	.203	-.043
Top 50%	25.4	15.3	.06	5	15	25	35	60	779	-4.4	.000	-.290
Top 10%	29.3	15.3	.17	5	20	25	40	60	933	-8.3	.000	-.547
Effective Teaching Practices												
Kent State (N = 726)	38.2	11.9	.44	20	32	40	44	60				
Great Lakes Public	38.1	12.7	.10	16	28	40	48	60	801	.1	.809	.009
Carnegie Class	37.5	12.8	.06	16	28	40	48	60	754	.7	.097	.058
NSSE 2022 & 2023	38.4	13.4	.03	16	28	40	48	60	733	-.2	.719	-.012
Top 50%	40.1	13.5	.05	16	32	40	52	60	743	-1.9	.000	-.143
Top 10%	43.3	13.3	.14	20	36	44	56	60	870	-5.1	.000	-.383
Campus Environment												
Quality of Interactions												
Kent State (N = 633)	43.5	10.3	.41	26	38	44	50	60				
Great Lakes Public	43.1	11.0	.09	23	36	44	50	60	700	.4	.357	.035
Carnegie Class	42.2	11.3	.06	22	36	43	50	60	659	1.2	.003	.111
NSSE 2022 & 2023	43.0	11.8	.03	22	36	44	52	60	640	.4	.291	.037
Top 50%	45.3	11.5	.05	24	38	46	54	60	650	-1.8	.000	-.158
Top 10%	48.1	12.1	.12	24	42	50	60	60	738	-4.7	.000	-.390
Supportive Environment												
Kent State (N = 656)	35.8	12.4	.49	15	28	38	43	58				
Great Lakes Public	34.8	13.0	.11	13	25	35	43	60	14,970	1.0	.060	.075
Carnegie Class	34.7	13.0	.07	15	25	35	43	60	38,113	1.1	.033	.084
NSSE 2022 & 2023	34.6	13.5	.04	13	25	35	43	60	662	1.2	.014	.088
Top 50%	36.8	13.1	.05	15	28	38	45	60	63,074	-1.0	.049	-.077
Top 10%	39.6	12.8	.15	20	30	40	50	60	8,102	-3.9	.000	-.305

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]
Kent State University at Kent

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												
Kent State (N = 636)	39.9	13.4	.53	20	30	40	50	60				
Great Lakes Public	40.3	13.7	.10	20	30	40	50	60	18,746	-.3	.554	-.024
Carnegie Class	39.9	13.8	.06	20	30	40	50	60	49,293	.0	.993	.000
NSSE 2022 & 2023	40.7	13.8	.03	20	30	40	50	60	178,248	-.7	.186	-.053
Top 50%	42.1	13.7	.05	20	35	40	55	60	645	-2.1	.000	-.155
Top 10%	44.7	12.8	.14	20	40	45	60	60	8,553	-4.8	.000	-.371
Reflective & Integrative Learning												
Kent State (N = 663)	39.3	12.3	.48	20	31	40	49	60				
Great Lakes Public	38.6	12.8	.09	17	29	40	49	60	20,041	.7	.173	.054
Carnegie Class	37.8	12.9	.06	17	29	37	46	60	52,814	1.5	.003	.117
NSSE 2022 & 2023	38.7	12.9	.03	17	29	40	49	60	190,272	.7	.195	.050
Top 50%	40.6	12.5	.05	20	31	40	51	60	75,674	-1.3	.009	-.102
Top 10%	43.1	11.8	.14	23	34	43	54	60	8,267	-3.8	.000	-.316
Learning Strategies												
Kent State (N = 598)	38.4	14.9	.61	13	27	40	53	60				
Great Lakes Public	38.2	14.7	.11	13	27	40	47	60	17,608	.1	.837	.009
Carnegie Class	38.2	14.6	.07	13	27	40	47	60	46,093	.2	.754	.013
NSSE 2022 & 2023	39.2	14.6	.04	13	27	40	53	60	601	-.8	.190	-.055
Top 50%	40.9	14.5	.05	20	33	40	53	60	604	-2.6	.000	-.179
Top 10%	43.6	14.1	.12	20	33	40	60	60	647	-5.2	.000	-.368
Quantitative Reasoning												
Kent State (N = 604)	29.4	17.2	.70	0	20	27	40	60				
Great Lakes Public	31.1	16.3	.12	0	20	33	40	60	642	-1.7	.015	-.107
Carnegie Class	32.0	16.4	.08	0	20	33	40	60	618	-2.6	.000	-.160
NSSE 2022 & 2023	31.4	16.6	.04	0	20	33	40	60	169,922	-2.1	.002	-.124
Top 50%	32.7	16.5	.05	7	20	33	40	60	610	-3.3	.000	-.202
Top 10%	36.3	16.2	.18	7	20	40	47	60	682	-6.9	.000	-.426
Learning with Peers												
Collaborative Learning												
Kent State (N = 695)	31.4	14.4	.55	10	20	30	40	60				
Great Lakes Public	31.3	15.2	.11	5	20	30	40	60	747	.1	.895	.005
Carnegie Class	32.2	15.2	.06	5	20	30	40	60	714	-.8	.129	-.055
NSSE 2022 & 2023	30.3	16.1	.04	0	20	30	40	60	700	1.1	.040	.070
Top 50%	34.7	14.2	.05	10	25	35	45	60	83,997	-3.3	.000	-.235
Top 10%	38.1	13.6	.13	15	30	40	50	60	11,971	-6.7	.000	-.493
Discussions with Diverse Others												
Kent State (N = 601)	39.3	15.6	.64	15	25	40	55	60				
Great Lakes Public	38.6	15.6	.12	15	25	40	50	60	17,664	.7	.273	.046
Carnegie Class	40.0	15.6	.07	15	30	40	55	60	46,373	-.7	.263	-.046
NSSE 2022 & 2023	38.8	16.2	.04	10	25	40	55	60	168,469	.5	.446	.031
Top 50%	41.1	15.6	.05	15	30	40	55	60	91,605	-1.8	.006	-.113
Top 10%	43.9	14.8	.15	20	35	45	60	60	10,350	-4.6	.000	-.312

NSSE 2023 Engagement Indicators

Detailed Statistics[a]
Kent State University at Kent

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												
Kent State (N = 646)	24.0	16.1	.63	0	10	20	35	55				
Great Lakes Public	23.0	16.0	.12	0	10	20	35	55	19,319	1.0	.104	.065
Carnegie Class	22.7	16.1	.07	0	10	20	35	55	50,898	1.3	.036	.083
NSSE 2022 & 2023	23.7	16.5	.04	0	10	20	35	60	183,732	.3	.697	.015
Top 50%	29.6	16.2	.08	5	20	30	40	60	40,589	-5.6	.000	-.344
Top 10%	34.3	15.8	.23	10	20	35	45	60	5,193	-10.3	.000	-.646
Effective Teaching Practices												
Kent State (N = 635)	39.4	13.6	.54	16	28	40	52	60				
Great Lakes Public	39.8	13.8	.10	16	32	40	52	60	18,689	-.4	.424	-.032
Carnegie Class	39.0	13.7	.06	16	28	40	48	60	49,132	.3	.578	.022
NSSE 2022 & 2023	40.0	14.1	.03	16	32	40	52	60	177,920	-.7	.222	-.049
Top 50%	42.1	13.8	.06	20	32	40	56	60	62,094	-2.8	.000	-.203
Top 10%	44.7	13.4	.14	20	36	44	56	60	10,243	-5.4	.000	-.399
Campus Environment												
Quality of Interactions												
Kent State (N = 548)	41.1	12.1	.52	18	34	43	50	60				
Great Lakes Public	42.6	11.9	.10	20	36	44	52	60	15,988	-1.5	.004	-.126
Carnegie Class	41.7	12.1	.06	20	34	42	50	60	42,298	-.6	.231	-.052
NSSE 2022 & 2023	43.1	12.4	.03	20	36	44	52	60	152,635	-2.0	.000	-.159
Top 50%	45.4	12.1	.05	22	38	48	55	60	66,604	-4.3	.000	-.355
Top 10%	47.9	12.5	.10	22	40	50	60	60	16,913	-6.8	.000	-.543
Supportive Environment												
Kent State (N = 594)	31.7	13.7	.56	9	23	30	40	55				
Great Lakes Public	31.5	13.9	.11	10	20	33	40	58	17,204	.2	.782	.012
Carnegie Class	31.6	14.0	.07	10	20	33	40	60	45,082	.0	.954	.002
NSSE 2022 & 2023	32.0	14.5	.04	8	20	33	40	60	163,672	-.3	.613	-.021
Top 50%	34.5	14.3	.06	10	25	35	45	60	61,090	-2.9	.000	-.201
Top 10%	37.7	13.9	.18	15	28	38	48	60	6,404	-6.0	.000	-.431

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.