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# NSSE 2023

## Engagement Indicators

Kenyon College

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### About Your Engagement Indicators Report

Engagement Indicators (EIs) provide a useful summary of the detailed information contained in your students' NSSE responses. By combining responses to related NSSE questions, each EI offers valuable information about a distinct aspect of student engagement. Ten indicators, based on three to eight survey questions each (a total of 47 survey questions), are organized into four broad themes as shown at right. The specific items within each EI are listed below, starting on page 5.

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

### Report Sections

#### Overview (p. 3)

Displays how average EI scores for your students compare with those of students at your comparison group institutions.

#### Theme Reports (pp. 4-13)

Detailed views of EI scores within the four themes for your students and those at comparison group institutions. Three views offer varied insights into your EI scores:

##### Mean Comparisons

Straightforward comparisons of average scores between your students and those at comparison group institutions, with tests of significance and effect sizes (see below).

##### Score Distributions

Box-and-whisker charts show the variation in scores *within* your institution and comparison groups.

##### Performance on Indicator Items

Responses to each item in a given EI are summarized for your institution and comparison groups.

#### Comparisons with High-Performing Institutions (p. 15)

Comparisons of your students' average scores on each EI with those of students at institutions whose average scores were in the top 50% and top 10% of all current- and prior-year institutions.

#### Detailed Statistics (pp. 16-19)

Detailed information about EI score means, distributions, and tests of statistical significance.

### Interpreting Comparisons

Mean comparisons report both statistical significance and effect size. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2018). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview (p. 3).

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

### How Engagement Indicators are Computed

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

For more information on EIs and their psychometric properties, refer to the NSSE website: [nsse.indiana.edu](https://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		Your first-year students compared with Private IPUG	Your first-year students compared with Carnegie Class	Your first-year students compared with NSSE 2022 & 2023
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	▽	▽	--

Seniors		Your seniors compared with Private IPUG	Your seniors compared with Carnegie Class	Your seniors compared with NSSE 2022 & 2023
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	--	▽	--

### Academic Challenge: First-year students

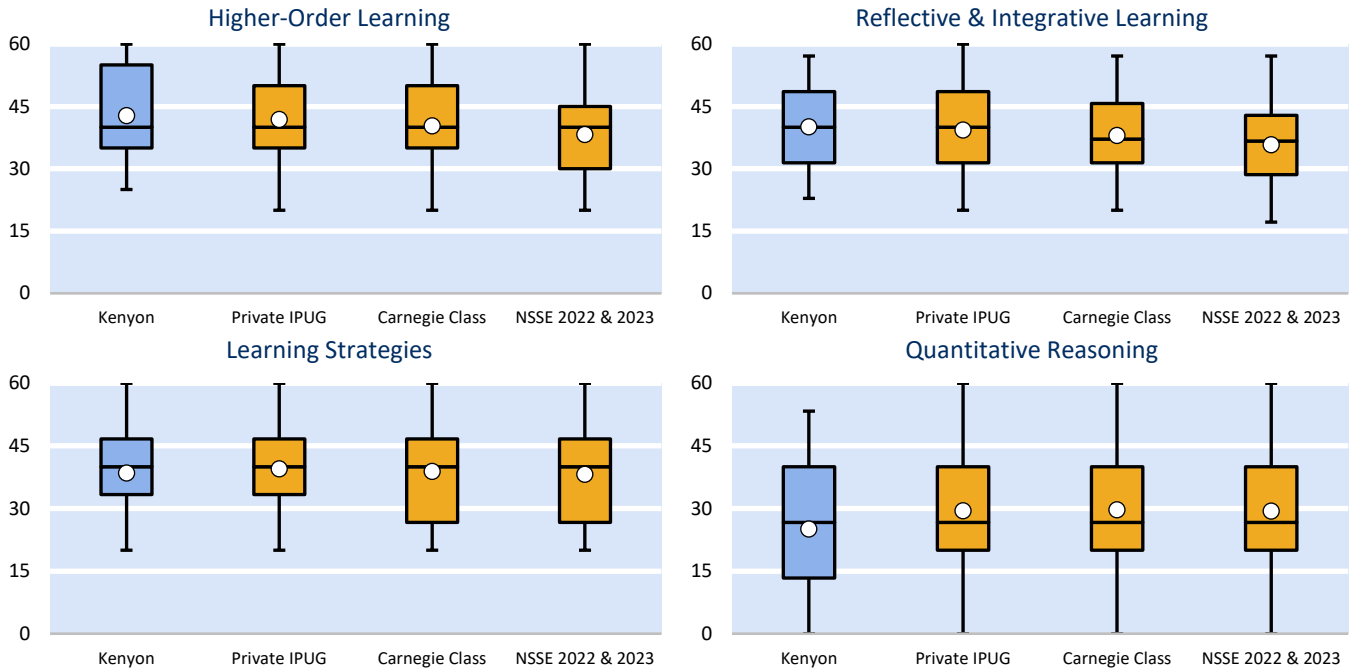
Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme: *Higher-Order Learning*,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

#### Mean Comparisons

Engagement Indicator	Kenyon Mean	Your first-year students compared with					
		Private IPUG		Carnegie Class		NSSE 2022 & 2023	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Higher-Order Learning	42.8	41.9	.08	40.4 **	.19	38.3 ***	.34
Reflective & Integrative Learning	40.1	39.4	.07	38.1 *	.18	35.8 ***	.36
Learning Strategies	38.5	39.5	-.08	38.9	-.03	38.2	.02
Quantitative Reasoning	25.1	29.5 ***	-.29	29.7 ***	-.30	29.4 ***	-.28

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.

	Kenyon	Percentage point difference <sup>a</sup> between your FY students and		
		Private IPUG	Carnegie Class	NSSE 2022 & 2023
<b>Higher-Order Learning</b>				
<i>Percentage responding "Very much" or "Quite a bit" about how much coursework emphasized...</i>				
	%			
4b. Applying facts, theories, or methods to practical problems or new situations	79	+1	+4	+8
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	84	+4	+8	+15
4d. Evaluating a point of view, decision, or information source	76	-3	+0	+6
4e. Forming a new idea or understanding from various pieces of information	81	+1	+5	+10
<b>Reflective &amp; Integrative Learning</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
2a. Combined ideas from different courses when completing assignments	63	+4	+6	+10
2b. Connected your learning to societal problems or issues	69	+0	+7	+16
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	65	-6	+1	+11
2d. Examined the strengths and weaknesses of your own views on a topic or issue	74	+3	+5	+9
2e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	73	-2	-1	+2
2f. Learned something that changed the way you understand an issue or concept	82	+8	+11	+15
2g. Connected ideas from your courses to your prior experiences and knowledge	90	+3	+6	+12
<b>Learning Strategies</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
9a. Identified key information from reading assignments	85	+0	+5	+12
9b. Reviewed your notes after class	58	-3	-5	-7
9c. Summarized what you learned in class or from course materials	64	-2	-2	-1
<b>Quantitative Reasoning</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
6a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	44	-9	-10	-10
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	34	-9	-10	-10
6c. Evaluated what others have concluded from numerical information	39	-7	-6	-4

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

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

### Academic Challenge: Seniors

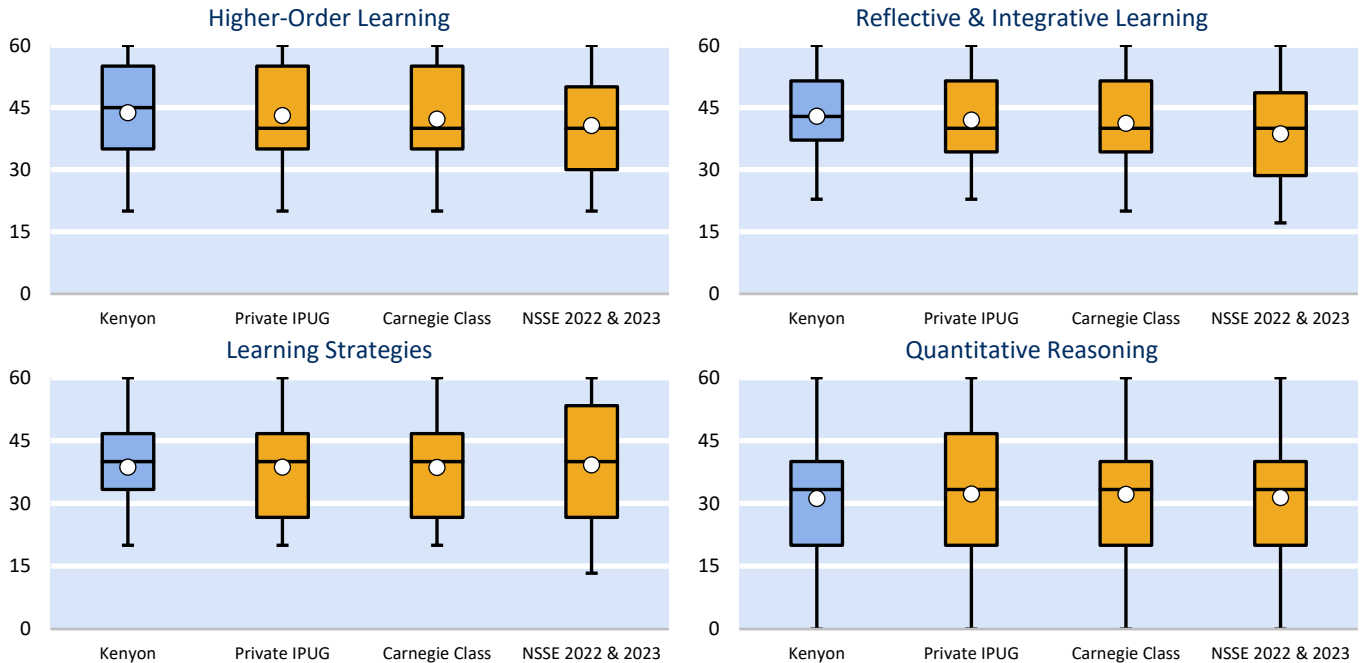
Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme: *Higher-Order Learning*,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

#### Mean Comparisons

Engagement Indicator	Kenyon Mean	Your seniors compared with					
		Private IPUG		Carnegie Class		NSSE 2022 & 2023	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Higher-Order Learning	43.8	43.1	.06	42.3	.12	40.7 **	.23
Reflective & Integrative Learning	42.9	42.0	.08	41.2	.14	38.7 ***	.33
Learning Strategies	38.6	38.7	.00	38.6	.00	39.2	-.04
Quantitative Reasoning	31.1	32.2	-.06	32.1	-.06	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



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

## Academic Challenge: Seniors (continued)

### Performance on Indicator Items

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

	Kenyon	Percentage point difference <sup>a</sup> between your seniors and		
		Private IPUG	Carnegie Class	NSSE 2022 & 2023
<b>Higher-Order Learning</b>				
<i>Percentage responding "Very much" or "Quite a bit" about how much coursework emphasized...</i>				
	%			
4b. Applying facts, theories, or methods to practical problems or new situations	83	+4	+4	+5
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	83	+0	+3	+7
4d. Evaluating a point of view, decision, or information source	82	+2	+5	+10
4e. Forming a new idea or understanding from various pieces of information	82	+1	+4	+8
<b>Reflective &amp; Integrative Learning</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
2a. Combined ideas from different courses when completing assignments	78	+3	+4	+9
2b. Connected your learning to societal problems or issues	76	-1	+3	+13
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	70	-1	+2	+14
2d. Examined the strengths and weaknesses of your own views on a topic or issue	78	+5	+6	+11
2e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	77	+0	+0	+3
2f. Learned something that changed the way you understand an issue or concept	81	+2	+5	+8
2g. Connected ideas from your courses to your prior experiences and knowledge	93	+4	+5	+9
<b>Learning Strategies</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
9a. Identified key information from reading assignments	89	+1	+5	+12
9b. Reviewed your notes after class	48	-4	-8	-17
9c. Summarized what you learned in class or from course materials	62	-1	-2	-6
<b>Quantitative Reasoning</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
6a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	49	-7	-8	-9
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	42	-7	-8	-7
6c. Evaluated what others have concluded from numerical information	57	+3	+4	+8

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

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

### Learning with Peers: First-year students

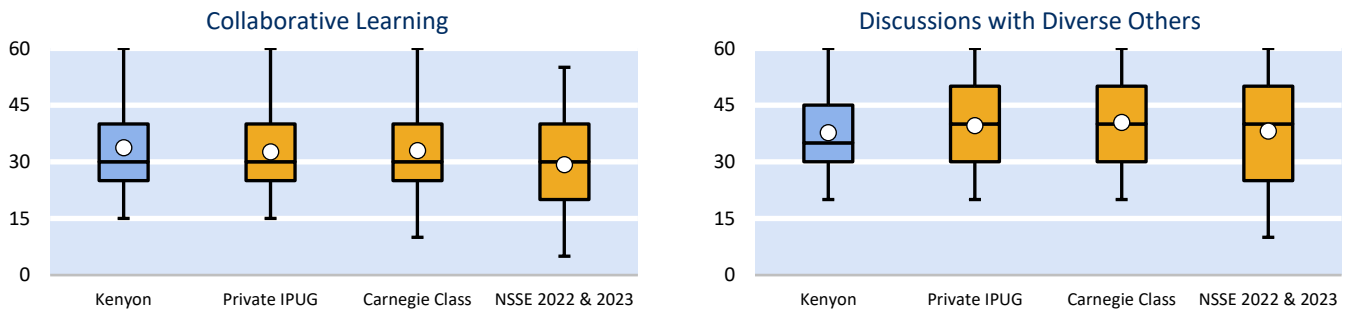
Collaborating with others in mastering difficult material and interacting with peers from different backgrounds prepares students to deal with complex, unscripted problems they will encounter during and after college. Two Engagement Indicators make up this theme: *Collaborative Learning* and *Discussions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

#### Mean Comparisons

Engagement Indicator	Kenyon Mean	Your first-year students compared with					
		Private IPUG		Carnegie Class		NSSE 2022 & 2023	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Collaborative Learning	33.7	32.6	.08	32.9	.06	29.2 ***	.30
Discussions with Diverse Others	37.7	39.5	-.14	40.4 **	-.19	38.1	-.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).

#### 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	Kenyon %	Percentage point difference <sup>a</sup> between your FY students and		
		Private IPUG	Carnegie Class	NSSE 2022 & 2023
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
1b. Asked another student to help you understand course material	52	+3	+1	+7
1c. Explained course material to one or more students	58	+2	+2	+10
1d. Prepared for exams by discussing or working through course material with other students	53	+5	+3	+12
1e. Worked with other students on course projects or assignments	54	-5	-4	+4
<i>Discussions with Diverse Others</i>				
<i>Percentage of students who responded that they "Very often" or "Often" had discussions with...</i>				
8a. People of races or ethnicities other than your own	68	-8	-7	-1
8b. People from economic backgrounds other than your own	72	-4	-4	+3
8c. People with religious beliefs other than your own	73	+2	+3	+9
8d. People with political views other than your own	34	-10	-23	-25

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

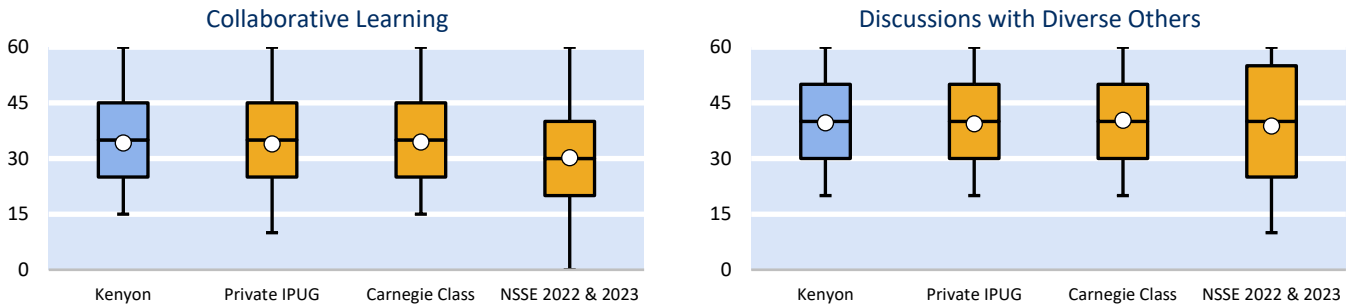
Collaborating with others in mastering difficult material and interacting with peers from different backgrounds prepares students to deal with complex, unscripted problems they will encounter during and after college. Two Engagement Indicators make up this theme: *Collaborative Learning* and *Discussions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

#### Mean Comparisons

Engagement Indicator	Kenyon Mean	Your seniors compared with					
		Private IPUG		Carnegie Class		NSSE 2022 & 2023	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Collaborative Learning	34.2	33.9	.02	34.5	-.02	30.3 ***	.25
Discussions with Diverse Others	39.7	39.4	.02	40.3	-.05	38.8	.05

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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Collaborative Learning	Kenyon	Percentage point difference <sup>a</sup> between your seniors and		
		Private IPUG	Carnegie Class	NSSE 2022 & 2023
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
1b. Asked another student to help you understand course material	42	-3	-5	+1
1c. Explained course material to one or more students	59	-2	-4	+8
1d. Prepared for exams by discussing or working through course material with other students	57	+8	+8	+17
1e. Worked with other students on course projects or assignments	61	-8	-8	+1
<i>Discussions with Diverse Others</i>				
<i>Percentage of students who responded that they "Very often" or "Often" had discussions with...</i>				
8a. People of races or ethnicities other than your own	78	+3	+5	+9
8b. People from economic backgrounds other than your own	78	-0	+1	+7
8c. People with religious beliefs other than your own	71	+3	+1	+6
8d. People with political views other than your own	37	-7	-21	-24

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### Experiences with Faculty: First-year students

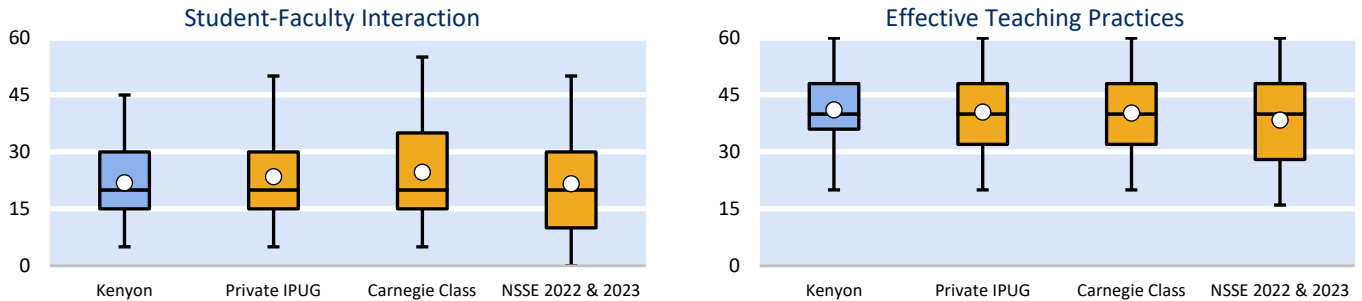
Students learn firsthand how experts think about and solve problems by interacting with faculty members inside and outside of instructional settings. As a result, faculty become role models, mentors, and guides for lifelong learning. In addition, effective teaching requires that faculty deliver course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

#### Mean Comparisons

Engagement Indicator	Kenyon Mean	Your first-year students compared with					
		Private IPUG Effect size		Carnegie Class Effect size		NSSE 2022 & 2023 Effect size	
	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
Student-Faculty Interaction	21.9	23.4	-.11	24.7 **	-.19	21.6	.02
Effective Teaching Practices	41.1	40.5	.05	40.2	.07	38.4 ***	.20

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

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Student-Faculty Interaction	Kenyon %	Percentage point difference <sup>a</sup> between your FY students and		
		Private IPUG	Carnegie Class	NSSE 2022 & 2023
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
3a. Talked about career plans with a faculty member	19	-13	-20	-18
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	18	-4	-7	-4
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	38	+2	+3	+11
3d. Discussed your academic performance with a faculty member	27	-5	-10	-4
<i>Effective Teaching Practices</i>				
<i>Percentage responding "Very much" or "Quite a bit" about how much instructors have...</i>				
5a. Clearly explained course goals and requirements	81	-1	+1	+5
5b. Taught course sessions in an organized way	82	+1	+4	+9
5c. Used examples or illustrations to explain difficult points	81	+3	+4	+8
5d. Provided feedback on a draft or work in progress	70	+3	+1	+6
5e. Provided prompt and detailed feedback on tests or completed assignments	67	-2	+0	+7

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

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### Experiences with Faculty: Seniors

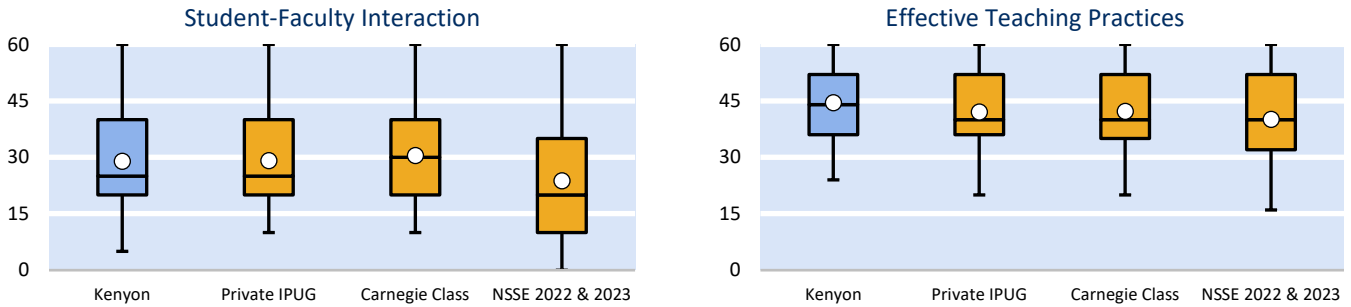
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Engagement Indicator	Kenyon Mean	Your seniors compared with					
		Private IPUG Effect size		Carnegie Class Effect size		NSSE 2022 & 2023 Effect size	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Student-Faculty Interaction	28.9	29.0	-.01	30.4	-.10	23.7 ***	.31
Effective Teaching Practices	44.5	42.0 **	.21	42.2 **	.18	40.0 ***	.32

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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Student-Faculty Interaction	Kenyon %	Percentage point difference <sup>a</sup> between your seniors and		
		Private IPUG	Carnegie Class	NSSE 2022 & 2023
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
3a. Talked about career plans with a faculty member	47	-2	-9	+4
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	30	-6	-10	+2
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	54	+7	+7	+22
3d. Discussed your academic performance with a faculty member	35	-2	-6	+2
<i>Effective Teaching Practices</i>				
<i>Percentage responding "Very much" or "Quite a bit" about how much instructors have...</i>				
5a. Clearly explained course goals and requirements	89	+5	+6	+10
5b. Taught course sessions in an organized way	90	+5	+7	+13
5c. Used examples or illustrations to explain difficult points	87	+4	+5	+10
5d. Provided feedback on a draft or work in progress	73	+1	+1	+9
5e. Provided prompt and detailed feedback on tests or completed assignments	79	+8	+7	+14

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

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

### Campus Environment: First-year students

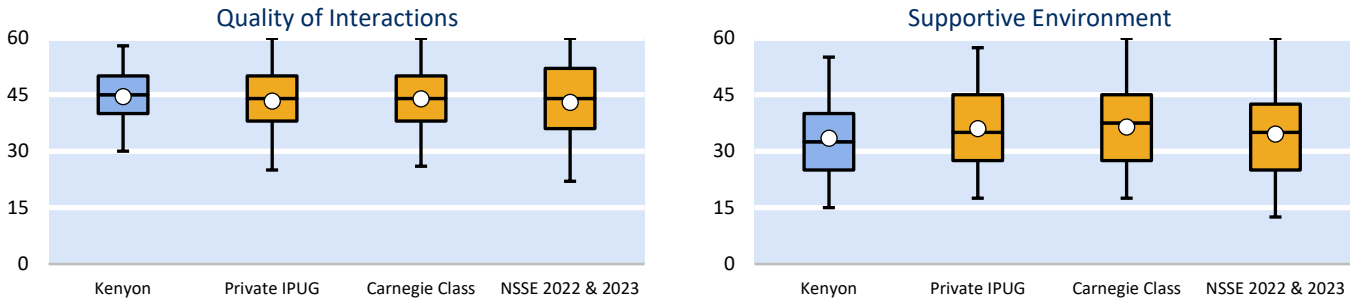
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment*. Below are three views of your results alongside those of your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

#### Mean Comparisons

Engagement Indicator	Kenyon Mean	Your first-year students compared with					
		Private IPUG		Carnegie Class		NSSE 2022 & 2023	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Quality of Interactions	44.5	43.3	.12	43.9	.06	43.0 *	.13
Supportive Environment	33.5	36.0 **	-.21	36.4 **	-.24	34.6	-.08

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

#### Score Distributions



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

#### 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	Kenyon	Percentage point difference <sup>a</sup> between your FY students and		
		Private IPUG	Carnegie Class	NSSE 2022 & 2023
<i>Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with...</i>				
	%			
13a. Students	63	+11	+11	+13
13b. Academic advisors	51	-1	-5	-4
13c. Faculty	65	+5	+5	+13
13d. Student services staff (career services, student activities, housing, etc.)	48	+3	+1	+1
13e. Other administrative staff and offices (registrar, financial aid, etc.)	44	+1	-3	-3
<i>Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...</i>				
14b. Providing support to help students succeed academically	73	-5	-3	+2
14c. Using learning support services (tutoring services, writing center, etc.)	81	+2	+2	+8
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	49	-12	-13	-11
14e. Providing opportunities to be involved socially	73	+0	-0	+4
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	46	-19	-20	-19
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	22	-10	-14	-17
14h. Attending campus activities and events (performing arts, athletic events, etc.)	65	-0	-3	+3
14i. Attending events that address important social, economic, or political issues	49	-9	-7	+4

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

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

### Campus Environment: Seniors

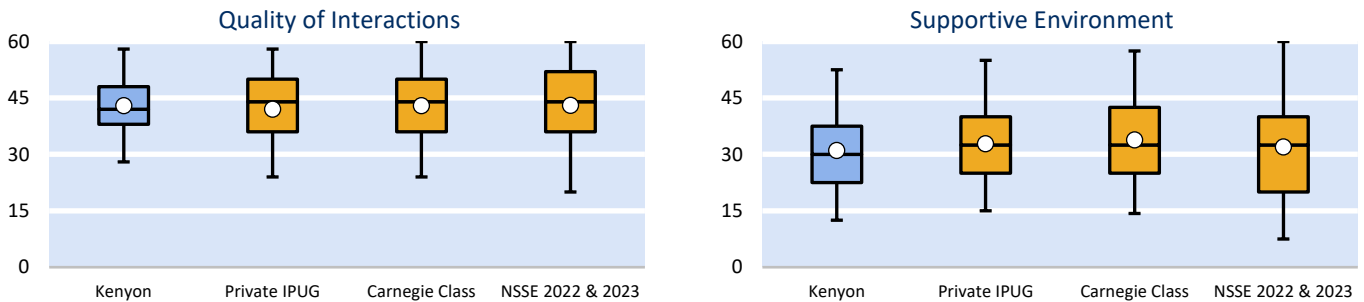
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment*. Below are three views of your results alongside those of your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

#### Mean Comparisons

Engagement Indicator	Kenyon Mean	Your seniors compared with					
		Private IPUG		Carnegie Class		NSSE 2022 & 2023	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Quality of Interactions	43.0	42.1	.09	43.0	.00	43.0	.00
Supportive Environment	31.0	32.9	-.15	33.9 **	-.22	32.0	-.06

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	Kenyon	Percentage point difference <sup>a</sup> between your seniors and		
		Private IPUG	Carnegie Class	NSSE 2022 & 2023
<i>Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with...</i>				
	%			
13a. Students	51	-0	-3	-8
13b. Academic advisors	66	+9	+5	+12
13c. Faculty	71	+8	+7	+14
13d. Student services staff (career services, student activities, housing, etc.)	31	-6	-8	-15
13e. Other administrative staff and offices (registrar, financial aid, etc.)	35	+2	-2	-10
<i>Supportive Environment</i>				
<i>Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...</i>				
14b. Providing support to help students succeed academically	75	+2	+2	+7
14c. Using learning support services (tutoring services, writing center, etc.)	68	-2	-3	+4
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	48	-4	-6	-6
14e. Providing opportunities to be involved socially	68	+1	-0	+5
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	35	-19	-23	-23
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	19	-4	-9	-14
14h. Attending campus activities and events (performing arts, athletic events, etc.)	63	+1	-1	+9
14i. Attending events that address important social, economic, or political issues	47	-10	-6	+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.

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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](https://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<sup>a</sup> 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<sup>b</sup> 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		Kenyon Mean	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	42.8	39.5 ***	.25	✓	42.2	.04	✓
	Reflective and Integrative Learning	40.1	37.2 ***	.24	✓	39.8	.02	✓
	Learning Strategies	38.5	39.8	-.09	✓	42.8 ***	-.31	
	Quantitative Reasoning	25.1	30.7 ***	-.36		33.4 ***	-.54	
Learning with Peers	Collaborative Learning	33.7	33.2	.03	✓	36.5 **	-.21	
	Discussions with Diverse Others	37.7	40.5 **	-.19		43.6 ***	-.43	
Experiences with Faculty	Student-Faculty Interaction	21.9	25.4 ***	-.23		29.3 ***	-.48	
	Effective Teaching Practices	41.1	40.1	.07	✓	43.3 **	-.16	
Campus Environment	Quality of Interactions	44.5	45.3	-.07	✓	48.1 ***	-.30	
	Supportive Environment	33.5	36.8 ***	-.25		39.6 ***	-.48	

Seniors		Kenyon Mean	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	43.8	42.1	.13	✓	44.7	-.07	✓
	Reflective and Integrative Learning	42.9	40.6 **	.18	✓	43.1	-.02	✓
	Learning Strategies	38.6	40.9 *	-.16		43.6 ***	-.35	
	Quantitative Reasoning	31.1	32.7	-.09	✓	36.3 ***	-.32	
Learning with Peers	Collaborative Learning	34.2	34.7	-.03	✓	38.1 ***	-.29	
	Discussions with Diverse Others	39.7	41.1	-.09	✓	43.9 ***	-.29	
Experiences with Faculty	Student-Faculty Interaction	28.9	29.6	-.04	✓	34.3 ***	-.34	
	Effective Teaching Practices	44.5	42.1 **	.17	✓	44.7	-.02	✓
Campus Environment	Quality of Interactions	43.0	45.4 ***	-.20		47.9 ***	-.39	
	Supportive Environment	31.0	34.5 ***	-.24		37.7 ***	-.48	

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 <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SE <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
Kenyon (N = 202)	42.8	11.1	.78	25	35	40	55	60				
Private IPUG	41.9	11.8	.17	20	35	40	50	60	4,964	.9	.281	.077
Carnegie Class	40.4	12.4	.10	20	35	40	50	60	16,069	2.4	.006	.193
NSSE 2022 & 2023	38.3	13.3	.02	20	30	40	45	60	201	4.5	.000	.336
Top 50%	39.5	13.2	.03	20	30	40	50	60	208,816	3.2	.000	.246
Top 10%	42.2	12.8	.08	20	35	40	55	60	205	.5	.489	.042
<b>Reflective &amp; Integrative Learning</b>												
Kenyon (N = 209)	40.1	10.7	.74	23	31	40	49	57				
Private IPUG	39.4	11.3	.16	20	31	40	49	60	5,330	.8	.337	.068
Carnegie Class	38.1	11.6	.09	20	31	37	46	57	17,355	2.1	.010	.179
NSSE 2022 & 2023	35.8	12.2	.02	17	29	37	43	57	355,581	4.3	.000	.356
Top 50%	37.2	12.0	.03	20	29	37	46	60	196,139	2.9	.000	.241
Top 10%	39.8	11.8	.07	20	31	40	49	60	25,506	.3	.725	.024
<b>Learning Strategies</b>												
Kenyon (N = 190)	38.5	12.4	.90	20	33	40	47	60				
Private IPUG	39.5	13.1	.20	20	33	40	47	60	4,591	-1.0	.295	-.078
Carnegie Class	38.9	13.3	.11	20	27	40	47	60	14,856	-.4	.660	-.032
NSSE 2022 & 2023	38.2	13.9	.03	20	27	40	47	60	190	.3	.717	.024
Top 50%	39.8	13.9	.03	20	27	40	53	60	190	-1.3	.159	-.092
Top 10%	42.8	14.0	.08	20	33	40	60	60	192	-4.3	.000	-.307
<b>Quantitative Reasoning</b>												
Kenyon (N = 193)	25.1	16.2	1.17	0	13	27	40	53				
Private IPUG	29.5	15.3	.23	0	20	27	40	60	4,647	-4.4	.000	-.285
Carnegie Class	29.7	15.4	.13	0	20	27	40	60	15,073	-4.5	.000	-.296
NSSE 2022 & 2023	29.4	15.5	.03	0	20	27	40	60	304,775	-4.3	.000	-.277
Top 50%	30.7	15.3	.03	7	20	27	40	60	204,390	-5.6	.000	-.362
Top 10%	33.4	15.4	.09	7	20	33	40	60	32,960	-8.3	.000	-.537
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
Kenyon (N = 225)	33.7	13.4	.89	15	25	30	40	60				
Private IPUG	32.6	13.0	.17	15	25	30	40	60	5,717	1.1	.214	.085
Carnegie Class	32.9	13.4	.10	10	25	30	40	60	18,751	.8	.388	.058
NSSE 2022 & 2023	29.2	15.0	.02	5	20	30	40	55	225	4.5	.000	.300
Top 50%	33.2	13.9	.03	10	25	35	40	60	228,637	.5	.603	.035
Top 10%	36.5	13.7	.06	15	25	35	45	60	46,078	-2.8	.002	-.206
<b>Discussions with Diverse Others</b>												
Kenyon (N = 192)	37.7	12.6	.91	20	30	35	45	60				
Private IPUG	39.5	13.1	.20	20	30	40	50	60	4,614	-1.9	.055	-.142
Carnegie Class	40.4	14.0	.12	20	30	40	50	60	14,956	-2.7	.008	-.194
NSSE 2022 & 2023	38.1	15.8	.03	10	25	40	50	60	191	-.4	.646	-.026
Top 50%	40.5	14.8	.03	20	30	40	55	60	191	-2.8	.002	-.192
Top 10%	43.6	13.9	.09	20	35	40	60	60	195	-5.9	.000	-.429



#### Detailed Statistics: First-Year Students

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SE <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
Kenyon (N = 203)	21.9	11.8	.83	5	15	20	30	45				
Private IPUG	23.4	14.0	.20	5	15	20	30	50	226	-1.6	.066	-.113
Carnegie Class	24.7	14.4	.11	5	15	20	35	55	209	-2.8	.001	-.193
NSSE 2022 & 2023	21.6	15.1	.03	0	10	20	30	50	202	.3	.733	.019
Top 50%	25.4	15.3	.05	5	15	25	35	60	203	-3.5	.000	-.229
Top 10%	29.3	15.3	.12	5	20	25	40	60	211	-7.4	.000	-.484
<b>Effective Teaching Practices</b>												
Kenyon (N = 202)	41.1	11.4	.81	20	36	40	48	60				
Private IPUG	40.5	11.6	.17	20	32	40	48	60	4,929	.6	.491	.049
Carnegie Class	40.2	12.3	.10	20	32	40	48	60	15,993	.9	.307	.072
NSSE 2022 & 2023	38.4	13.3	.02	16	28	40	48	60	201	2.7	.001	.204
Top 50%	40.1	13.5	.04	16	32	40	52	60	202	.9	.240	.070
Top 10%	43.3	13.3	.10	20	36	44	56	60	207	-2.2	.008	-.164
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
Kenyon (N = 184)	44.5	8.8	.65	30	40	45	50	58				
Private IPUG	43.3	10.0	.15	25	38	44	50	60	204	1.2	.073	.122
Carnegie Class	43.9	10.3	.09	26	38	44	50	60	190	.6	.347	.060
NSSE 2022 & 2023	43.0	11.8	.02	22	36	44	52	60	183	1.5	.025	.125
Top 50%	45.3	11.5	.03	24	38	46	54	60	184	-.8	.251	-.066
Top 10%	48.1	12.1	.08	24	42	50	60	60	189	-3.6	.000	-.301
<b>Supportive Environment</b>												
Kenyon (N = 187)	33.5	11.8	.86	15	25	33	40	55				
Private IPUG	36.0	12.1	.19	18	28	35	45	58	4,470	-2.5	.005	-.208
Carnegie Class	36.4	12.4	.10	18	28	38	45	60	14,433	-2.9	.001	-.237
NSSE 2022 & 2023	34.6	13.5	.03	13	25	35	43	60	186	-1.1	.208	-.081
Top 50%	36.8	13.1	.04	15	28	38	45	60	187	-3.3	.000	-.251
Top 10%	39.6	12.8	.10	20	30	40	50	60	15,083	-6.2	.000	-.483

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.

#### Detailed Statistics: Seniors

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SE <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
Kenyon (N = 164)	43.8	12.1	.94	20	35	45	55	60				
Private IPUG	43.1	12.2	.20	20	35	40	55	60	4,014	.7	.468	.058
Carnegie Class	42.3	12.6	.11	20	35	40	55	60	13,356	1.5	.121	.122
NSSE 2022 & 2023	40.7	13.8	.02	20	30	40	50	60	402,891	3.1	.004	.226
Top 50%	42.1	13.7	.03	20	35	40	55	60	163	1.7	.069	.127
Top 10%	44.7	12.8	.10	20	40	45	60	60	17,898	-.9	.352	-.073
<b>Reflective &amp; Integrative Learning</b>												
Kenyon (N = 177)	42.9	10.9	.82	23	37	43	51	60				
Private IPUG	42.0	11.6	.18	23	34	40	51	60	4,237	.9	.297	.080
Carnegie Class	41.2	11.9	.10	20	34	40	51	60	14,203	1.7	.065	.139
NSSE 2022 & 2023	38.7	12.9	.02	17	29	40	49	60	176	4.2	.000	.327
Top 50%	40.6	12.5	.03	20	31	40	51	60	177	2.3	.006	.184
Top 10%	43.1	11.9	.09	23	34	43	54	60	17,190	-.2	.826	-.017
<b>Learning Strategies</b>												
Kenyon (N = 159)	38.6	12.6	1.00	20	33	40	47	60				
Private IPUG	38.7	13.5	.22	20	27	40	47	60	3,790	.0	.979	-.002
Carnegie Class	38.6	13.7	.12	20	27	40	47	60	12,603	.1	.951	.005
NSSE 2022 & 2023	39.2	14.6	.02	13	27	40	53	60	158	-.5	.603	-.036
Top 50%	40.9	14.5	.03	20	33	40	53	60	158	-2.3	.023	-.160
Top 10%	43.6	14.1	.08	20	33	40	60	60	160	-4.9	.000	-.349
<b>Quantitative Reasoning</b>												
Kenyon (N = 161)	31.1	17.4	1.37	0	20	33	40	60				
Private IPUG	32.2	17.3	.29	0	20	33	47	60	3,827	-1.1	.429	-.064
Carnegie Class	32.1	16.9	.15	0	20	33	40	60	12,730	-1.0	.453	-.059
NSSE 2022 & 2023	31.4	16.6	.03	0	20	33	40	60	384,073	-.3	.848	-.015
Top 50%	32.7	16.5	.03	7	20	33	40	60	235,626	-1.5	.238	-.093
Top 10%	36.3	16.2	.12	7	20	40	47	60	19,054	-5.1	.000	-.316
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
Kenyon (N = 177)	34.2	14.4	1.08	15	25	35	45	60				
Private IPUG	33.9	13.7	.21	10	25	35	45	60	4,443	.3	.789	.020
Carnegie Class	34.5	13.6	.11	15	25	35	45	60	14,908	-.3	.804	-.019
NSSE 2022 & 2023	30.3	16.0	.02	0	20	30	40	60	452,077	4.0	.001	.248
Top 50%	34.7	14.2	.03	10	25	35	45	60	188,288	-.5	.647	-.034
Top 10%	38.1	13.6	.09	15	30	40	50	60	25,667	-3.9	.000	-.285
<b>Discussions with Diverse Others</b>												
Kenyon (N = 158)	39.7	12.4	.99	20	30	40	50	60				
Private IPUG	39.4	13.2	.22	20	30	40	50	60	3,820	.3	.810	.020
Carnegie Class	40.3	13.8	.12	20	30	40	50	60	12,668	-.6	.559	-.047
NSSE 2022 & 2023	38.8	16.2	.03	10	25	40	55	60	157	.9	.377	.054
Top 50%	41.1	15.6	.03	15	30	40	55	60	157	-1.4	.165	-.088
Top 10%	43.9	14.8	.10	20	35	45	60	60	160	-4.2	.000	-.288

#### Detailed Statistics: Seniors

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SE <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
Kenyon (N = 168)	28.9	15.1	1.17	5	20	25	40	60				
Private IPUG	29.0	15.0	.24	10	20	25	40	60	4,106	-.2	.889	-.011
Carnegie Class	30.4	15.3	.13	10	20	30	40	60	13,730	-1.6	.191	-.101
NSSE 2022 & 2023	23.7	16.5	.03	0	10	20	35	60	415,286	5.1	.000	.312
Top 50%	29.6	16.2	.05	5	20	30	40	60	90,286	-.7	.581	-.043
Top 10%	34.3	15.8	.16	10	20	35	45	60	10,449	-5.4	.000	-.339
<b>Effective Teaching Practices</b>												
Kenyon (N = 165)	44.5	11.0	.85	24	36	44	52	60				
Private IPUG	42.0	12.1	.20	20	36	40	52	60	3,987	2.5	.010	.206
Carnegie Class	42.2	12.6	.11	20	35	40	52	60	169	2.3	.009	.181
NSSE 2022 & 2023	40.0	14.1	.02	16	32	40	52	60	164	4.5	.000	.316
Top 50%	42.1	13.8	.04	20	32	40	56	60	165	2.4	.006	.171
Top 10%	44.7	13.4	.09	20	36	44	56	60	168	-.2	.806	-.016
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
Kenyon (N = 159)	43.0	8.6	.68	28	38	42	48	58				
Private IPUG	42.1	10.2	.17	24	36	44	50	58	179	.9	.182	.093
Carnegie Class	43.0	10.5	.09	24	36	44	50	60	164	.0	.947	.004
NSSE 2022 & 2023	43.0	12.4	.02	20	36	44	52	60	159	.0	.943	-.004
Top 50%	45.4	12.1	.03	22	38	48	55	60	159	-2.4	.001	-.196
Top 10%	47.9	12.5	.07	22	40	50	60	60	161	-4.9	.000	-.390
<b>Supportive Environment</b>												
Kenyon (N = 160)	31.0	11.7	.93	13	23	30	38	53				
Private IPUG	32.9	12.0	.20	15	25	33	40	55	3,737	-1.8	.058	-.153
Carnegie Class	33.9	12.7	.11	14	25	33	43	58	12,416	-2.8	.005	-.222
NSSE 2022 & 2023	32.0	14.5	.02	8	20	33	40	60	159	-.9	.315	-.065
Top 50%	34.5	14.3	.04	10	25	35	45	60	160	-3.5	.000	-.245
Top 10%	37.7	13.9	.12	15	28	38	48	60	165	-6.6	.000	-.477

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.