NSSE 2019
Engagement Indicators

Jacksonville State University

About Your *Engagement Indicators* Report

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

Theme	Engagement Indicator
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 2018 and 2019 participating institutions.

Detailed Statistics (pp. 16-19)
Detailed information about EI score means, distributions, and tests of statistical significance.

Interpreting Comparisons

Mean comparisons report both statistical significance and effect size. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 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. The Report Builder and your *Major Field Report* (both to be released in the fall) offer valuable perspectives on internal variation and help you investigate your students' engagement in depth.

How Engagement Indicators are Computed

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

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

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.

First-Year Students

Theme	Engagement Indicator	Your first-year students compared with Southeast Public	Your first-year students compared with Carnegie Class	Your first-year students compared with NSSE 2018 & 2019
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 Southeast Public	Your seniors compared with Carnegie Class	Your seniors compared with NSSE 2018 & 2019
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 2019 Engagement Indicators
Academic Challenge
Jacksonville State University

Academic Challenge: First-year students

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

Mean Comparisons

| | JSU | Southeast Public | | Carnegie Class | | NSSE 2018 & 2019 | |
| | | | *Your first-year students compared with* | | | | |
Engagement Indicator	Mean	Mean	*Effect size*	Mean	*Effect size*	Mean	*Effect size*
Higher-Order Learning	38.1	37.7	.03	37.8	.02	38.0	.01
Reflective & Integrative Learning	36.0	34.7	.11	35.0	.09	35.2	.07
Learning Strategies	40.5	38.4 *	.15	38.5 *	.14	38.1 *	.17
Quantitative Reasoning	28.4	28.3	.00	27.6	.05	27.8	.04

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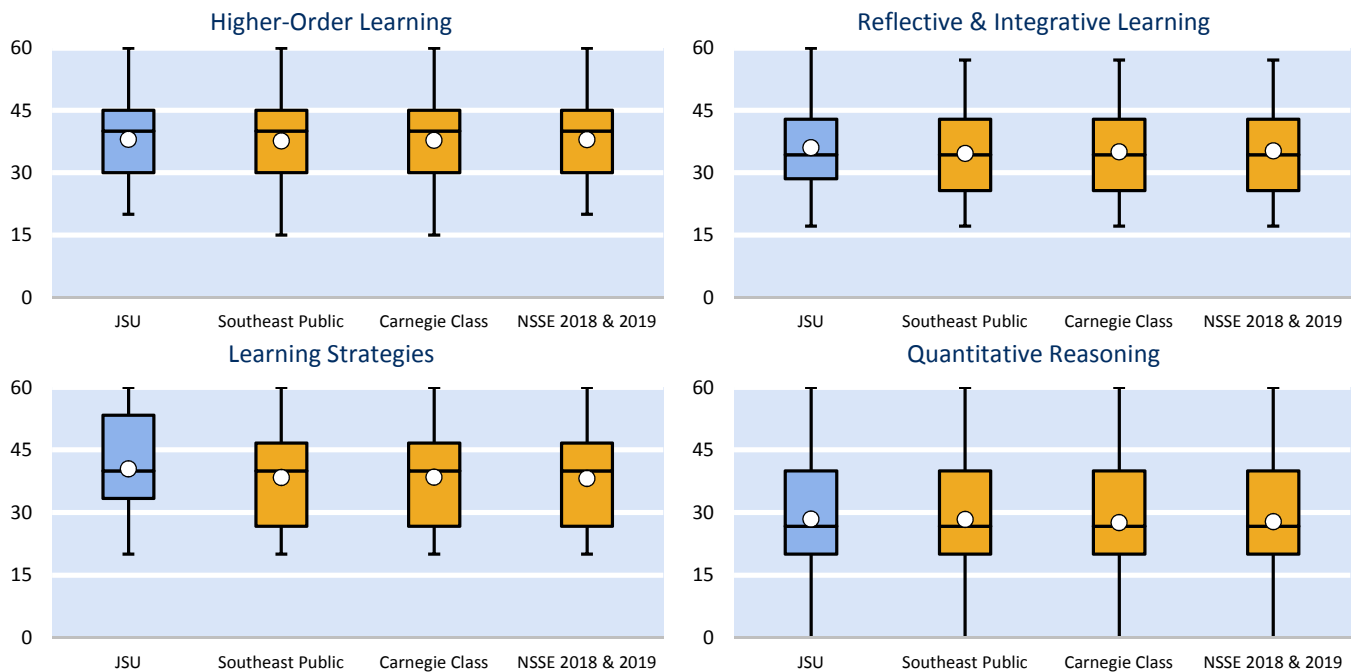
Notes: Each box-and-whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot represents the mean score. Refer to Detailed Statistics for your institution's sample sizes.

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.

Higher-Order Learning	JSU	Southeast Public	Carnegie Class	NSSE 2018 & 2019
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	68	-2	-1	-3
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	66	-2	-2	-3
4d. Evaluating a point of view, decision, or information source	69	+1	-2	-1
4e. Forming a new idea or understanding from various pieces of information	73	+6	+4	+4
Reflective & Integrative Learning				
Percentage of students who responded that they "Very often" or "Often"...				
2a. Combined ideas from different courses when completing assignments	55	+4	+4	+3
2b. Connected your learning to societal problems or issues	49	+1	-2	-2
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	50	+1	-0	-1
2d. Examined the strengths and weaknesses of your own views on a topic or issue	67	+4	+3	+3
2e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	78	+9	+8	+8
2f. Learned something that changed the way you understand an issue or concept	72	+8	+6	+6
2g. Connected ideas from your courses to your prior experiences and knowledge	80	+4	+3	+3
Learning Strategies				
Percentage of students who responded that they "Very often" or "Often"...				
9a. Identified key information from reading assignments	78	+5	+4	+3
9b. Reviewed your notes after class	68	+0	+0	+2
9c. Summarized what you learned in class or from course materials	72	+7	+7	+9
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.)	53	-1	+2	+1
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	40	-0	+0	+0
6c. Evaluated what others have concluded from numerical information	40	+0	+2	+1

Percentage point difference [a] between your FY students and

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

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

Academic Challenge: Seniors

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

| | JSU | Your seniors compared with | | | | | |
| | | Southeast Public | | Carnegie Class | | NSSE 2018 & 2019 | |
Engagement Indicator	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
Higher-Order Learning	41.8	40.1 *	.12	40.5	.10	40.0 *	.13
Reflective & Integrative Learning	38.7	37.7	.08	38.1	.05	38.0	.06
Learning Strategies	42.0	39.3 ***	.19	39.4 ***	.18	38.5 ***	.24
Quantitative Reasoning	30.6	30.5	.01	29.6	.07	29.8	.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).

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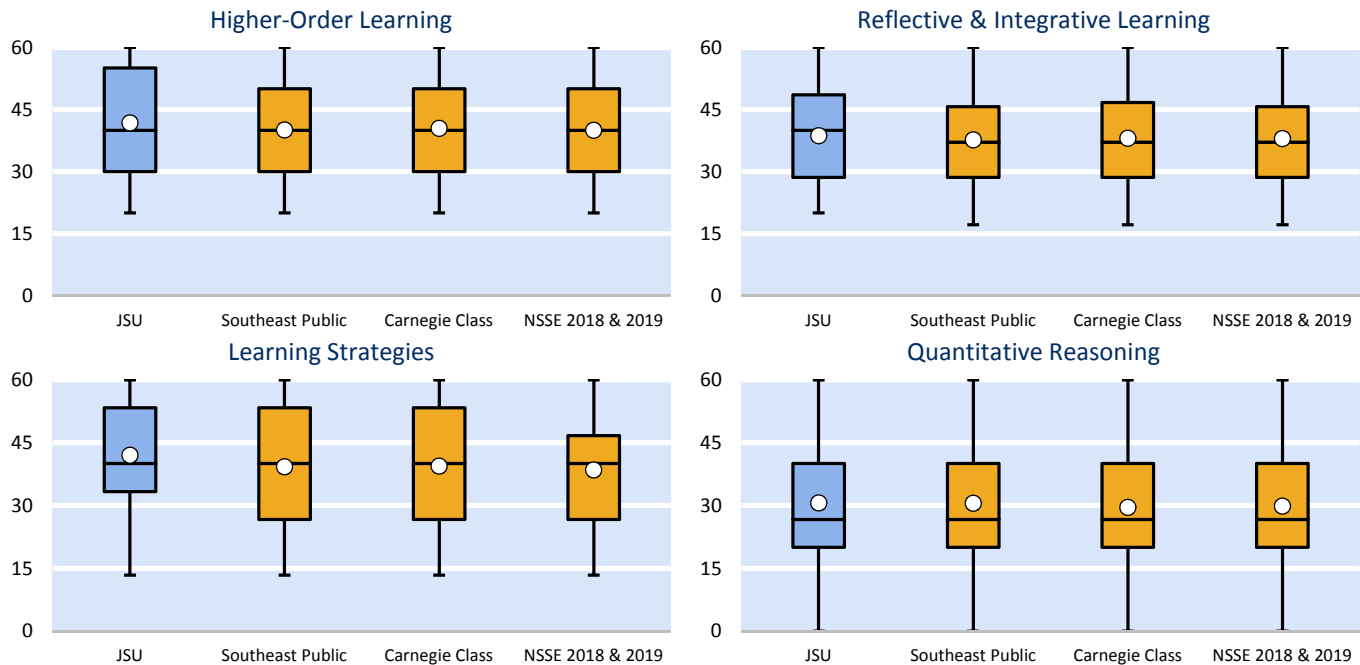
Notes: Each box-and-whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot represents the mean score. Refer to Detailed Statistics for your institution's sample sizes.

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.

	JSU	Percentage point difference [a] between your seniors and		
Higher-Order Learning		Southeast Public	Carnegie Class	NSSE 2018 & 2019
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	83	+5	+6	+6
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	79	+3	+3	+4
4d. Evaluating a point of view, decision, or information source	71	+1	-2	+0
4e. Forming a new idea or understanding from various pieces of information	76	+5	+2	+4
Reflective & Integrative Learning				
Percentage of students who responded that they "Very often" or "Often"...				
2a. Combined ideas from different courses when completing assignments	70	+1	+3	+2
2b. Connected your learning to societal problems or issues	64	+5	+2	+3
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	52	+1	-2	-1
2d. Examined the strengths and weaknesses of your own views on a topic or issue	70	+5	+3	+4
2e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	77	+5	+4	+4
2f. Learned something that changed the way you understand an issue or concept	70	+1	-1	-1
2g. Connected ideas from your courses to your prior experiences and knowledge	84	+2	+0	+1
Learning Strategies				
Percentage of students who responded that they "Very often" or "Often"...				
9a. Identified key information from reading assignments	78	+0	-2	-1
9b. Reviewed your notes after class	78	+13	+13	+16
9c. Summarized what you learned in class or from course materials	73	+7	+7	+10
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.)	54	-3	-0	-1
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	51	+5	+6	+6
6c. Evaluated what others have concluded from numerical information	47	+2	+4	+3

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

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

Learning with Peers: First-year students

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

Mean Comparisons

	JSU	Southeast Public		Carnegie Class		NSSE 2018 & 2019	
			Effect		*Effect*		*Effect*
Engagement Indicator	Mean	Mean	size	Mean	size	Mean	size
Collaborative Learning	33.9	33.4	.03	30.1 ***	.25	32.4	.10
Discussions with Diverse Others	41.4	39.9	.09	38.3 **	.19	39.4	.13

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

Score Distributions

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

Performance on Indicator Items

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

		Percentage point difference [a] between your FY students and		
Collaborative Learning	JSU	Southeast Public	Carnegie Class	NSSE 2018 & 2019
Percentage of students who responded that they "Very often" or "Often"...	%			
1e. Asked another student to help you understand course material	55	-1	+7	+2
1f. Explained course material to one or more students	63	+3	+10	+5
1g. Prepared for exams by discussing or working through course material with other students	50	-2	+5	+0
1h. Worked with other students on course projects or assignments	58	+3	+8	+3
Discussions with Diverse Others				
Percentage of students who responded that they "Very often" or "Often" had discussions with...				
8a. People of a race or ethnicity other than your own	73	+3	+5	+3
8b. People from an economic background other than your own	73	+1	+4	+2
8c. People with religious beliefs other than your own	65	-2	+0	-2
8d. People with political views other than your own	73	+6	+10	+9

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

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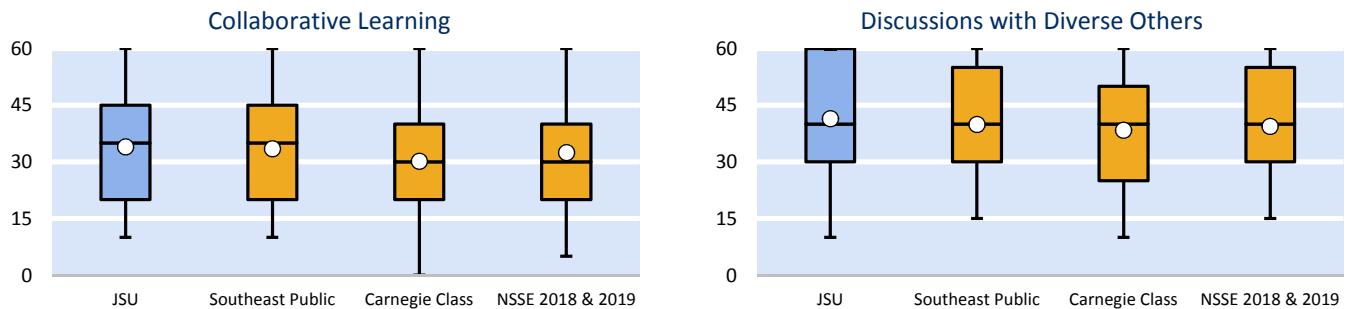
Learning with Peers: Seniors

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

Mean Comparisons

	JSU	*Your seniors compared with*					
		Southeast Public		Carnegie Class		NSSE 2018 & 2019	
			Effect		*Effect*		*Effect*
Engagement Indicator	*Mean*	*Mean*	*size*	*Mean*	*size*	*Mean*	*size*
Collaborative Learning	34.7	33.7	.06	29.3 ***	.33	31.8 ***	.18
Discussions with Diverse Others	42.6	41.1	.09	39.4 ***	.19	40.1 **	.15

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

Score Distributions

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.

	JSU	*Percentage point difference [a] between your seniors and*		
		Southeast Public	Carnegie Class	NSSE 2018 & 2019
Collaborative Learning				
Percentage of students who responded that they "Very often" or "Often"...	%			
1e. Asked another student to help you understand course material	51	+5	+12	+8
1f. Explained course material to one or more students	62	+0	+10	+5
1g. Prepared for exams by discussing or working through course material with other students	54	+4	+12	+8
1h. Worked with other students on course projects or assignments	66	+1	+11	+4
Discussions with Diverse Others				
Percentage of students who responded that they "Very often" or "Often" had discussions with...				
8a. People of a race or ethnicity other than your own	76	+4	+6	+5
8b. People from an economic background other than your own	81	+6	+10	+8
8c. People with religious beliefs other than your own	68	-1	+2	+1
8d. People with political views other than your own	77	+7	+12	+11

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

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

NSSE 2019 Engagement Indicators

Experiences with Faculty

Jacksonville State University

Experiences with Faculty: First-year students

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

Mean Comparisons

	JSU	*Your first-year students compared with*					
		Southeast Public		Carnegie Class		NSSE 2018 & 2019	
Engagement Indicator	*Mean*	*Mean*	*Effect size*	*Mean*	*Effect size*	*Mean*	*Effect size*
Student-Faculty Interaction	25.0	22.5 *	.17	21.7 **	.23	21.7 ***	.23
Effective Teaching Practices	41.5	38.0 ***	.26	38.9 **	.19	38.5 ***	.23

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

Score Distributions

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.

	JSU	*Percentage point difference [a] between your FY students and*		
Student-Faculty Interaction		Southeast Public	Carnegie Class	NSSE 2018 & 2019
Percentage of students who responded that they "Very often" or "Often"...	%			
3a. Talked about career plans with a faculty member	45	+3	+6	+6
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	27	+4	+5	+5
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	29	+2	+2	+3
3d. Discussed your academic performance with a faculty member	39	+5	+6	+8
Effective Teaching Practices				
Percentage responding "Very much" or "Quite a bit" about how much instructors have...				
5a. Clearly explained course goals and requirements	84	+9	+7	+7
5b. Taught course sessions in an organized way	78	+5	+4	+4
5c. Used examples or illustrations to explain difficult points	77	+4	+4	+4
5d. Provided feedback on a draft or work in progress	68	+6	+3	+4
5e. Provided prompt and detailed feedback on tests or completed assignments	65	+7	+3	+5

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

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

NSSE 2019 Engagement Indicators
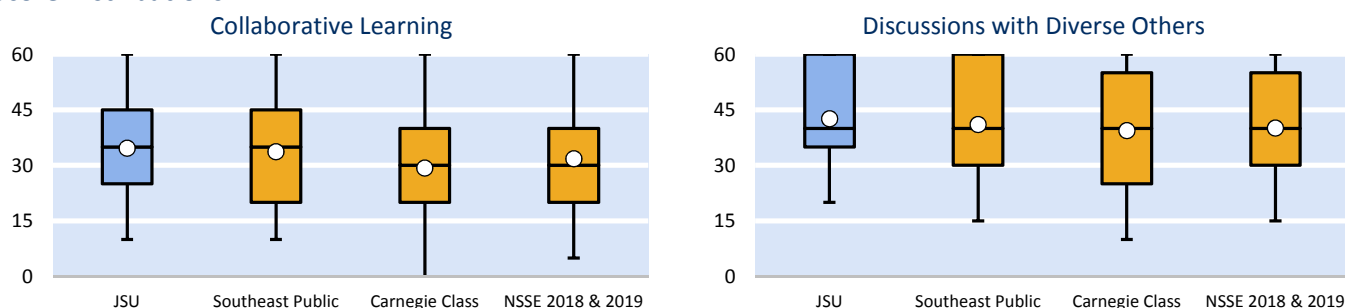
Experiences with Faculty
Jacksonville State University
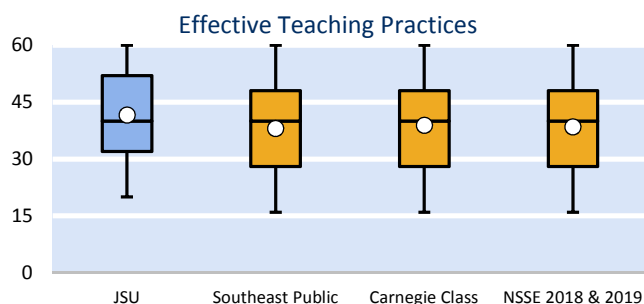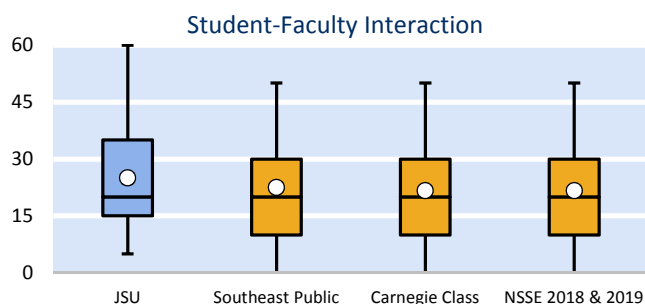
Experiences with Faculty: Seniors

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

Mean Comparisons

| | JSU | Your seniors compared with | | | | | |
| | | Southeast Public | | Carnegie Class | | NSSE 2018 & 2019 | |
Engagement Indicator	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
Student-Faculty Interaction	28.9	25.5 ***	.20	24.2 ***	.29	24.1 ***	.30
Effective Teaching Practices	42.9	40.0 ***	.21	40.2 ***	.20	39.6 ***	.25

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

Student-Faculty Interaction

Effective Teaching Practices

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

Performance on Indicator Items

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

| | | Percentage point difference [a] between your seniors and | | |
Student-Faculty Interaction	JSU	Southeast Public	Carnegie Class	NSSE 2018 & 2019
Percentage of students who responded that they "Very often" or "Often"...	%			
3a. Talked about career plans with a faculty member	56	+9	+11	+12
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	35	+5	+9	+8
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	42	+7	+10	+10
3d. Discussed your academic performance with a faculty member	46	+9	+9	+12
Effective Teaching Practices				
Percentage responding "Very much" or "Quite a bit" about how much instructors have...				
5a. Clearly explained course goals and requirements	84	+4	+4	+4
5b. Taught course sessions in an organized way	81	+4	+4	+4
5c. Used examples or illustrations to explain difficult points	82	+5	+6	+6
5d. Provided feedback on a draft or work in progress	70	+8	+7	+9
5e. Provided prompt and detailed feedback on tests or completed assignments	74	+9	+7	+10

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

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

NSSE 2019 Engagement Indicators
Campus Environment
Jacksonville State University

Campus Environment: First-year students

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

Mean Comparisons

	JSU	Southeast Public		Carnegie Class		NSSE 2018 & 2019	
Engagement Indicator	*Mean*	*Mean*	*Effect size*	*Mean*	*Effect size*	*Mean*	*Effect size*
Quality of Interactions	45.4	42.6 **	.22	42.8 **	.20	42.6 **	.22
Supportive Environment	40.4	37.1 **	.24	35.8 ***	.33	36.1 ***	.32

Your first-year students compared with

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	JSU	Southeast Public	Carnegie Class	NSSE 2018 & 2019
Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with...	%			
13a. Students	54	+3	+4	+3
13b. Academic advisors	59	+5	+6	+6
13c. Faculty	58	+8	+5	+7
13d. Student services staff (career services, student activities, housing, etc.)	53	+6	+6	+7
13e. Other administrative staff and offices (registrar, financial aid, etc.)	53	+8	+5	+7
Supportive Environment				
Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...				
14b. Providing support to help students succeed academically	81	+5	+6	+5
14c. Using learning support services (tutoring services, writing center, etc.)	82	+4	+5	+5
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	68	+7	+6	+7
14e. Providing opportunities to be involved socially	77	+4	+8	+6
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	78	+5	+10	+9
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	48	+5	+4	+7
14h. Attending campus activities and events (performing arts, athletic events, etc.)	79	+9	+19	+15
14i. Attending events that address important social, economic, or political issues	60	+10	+12	+11

Percentage point difference [a] between your FY students and

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

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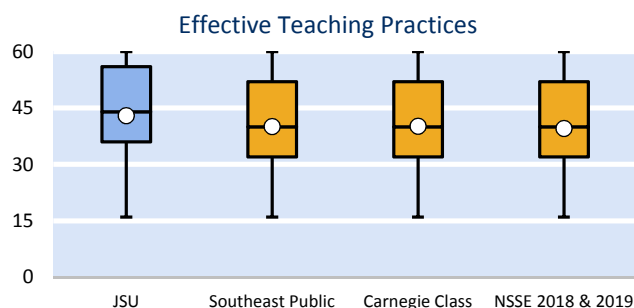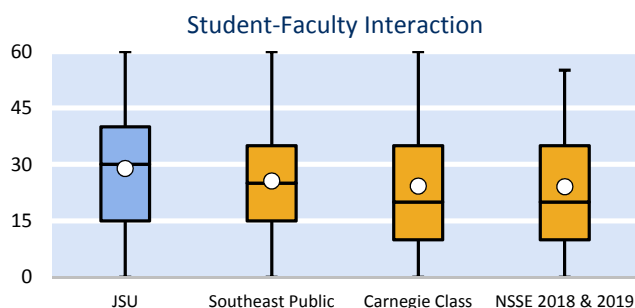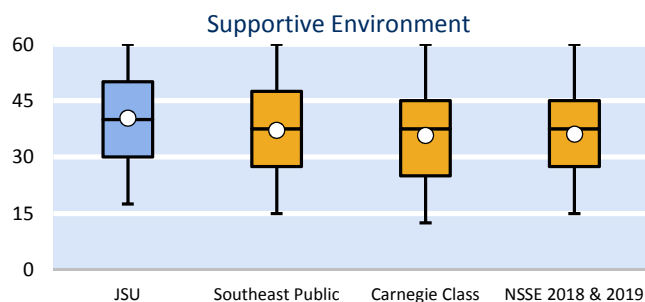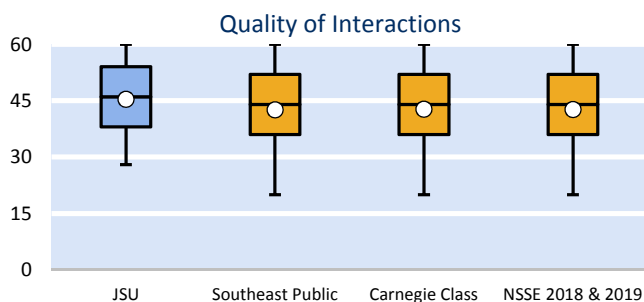
Campus Environment: Seniors

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

Mean Comparisons

	JSU	Your seniors compared with					
		Southeast Public		Carnegie Class		NSSE 2018 & 2019	
Engagement Indicator	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
Quality of Interactions	45.1	42.9 ***	.18	43.8 *	.11	42.8 ***	.19
Supportive Environment	34.2	33.6	.05	32.1 **	.14	32.2 **	.14

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

Score Distributions

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

Performance on Indicator Items

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

Quality of Interactions	JSU	Percentage point difference [a] between your seniors and		
		Southeast Public	Carnegie Class	NSSE 2018 & 2019
Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with...	%			
13a. Students	63	+5	+5	+6
13b. Academic advisors	63	+9	+7	+10
13c. Faculty	63	+6	+3	+6
13d. Student services staff (career services, student activities, housing, etc.)	47	+2	-1	+3
13e. Other administrative staff and offices (registrar, financial aid, etc.)	46	+2	-3	+2
Supportive Environment				
Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...				
14b. Providing support to help students succeed academically	71	-1	-1	+0
14c. Using learning support services (tutoring services, writing center, etc.)	66	-2	-2	-1
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	61	+6	+5	+6
14e. Providing opportunities to be involved socially	71	+4	+10	+8
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	68	+3	+9	+9
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	35	+3	+1	+4
14h. Attending campus activities and events (performing arts, athletic events, etc.)	60	+0	+13	+8
14i. Attending events that address important social, economic, or political issues	42	-1	+2	+1

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

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

This page intentionally left blank.
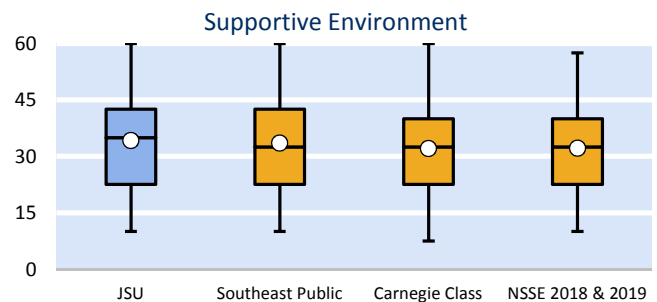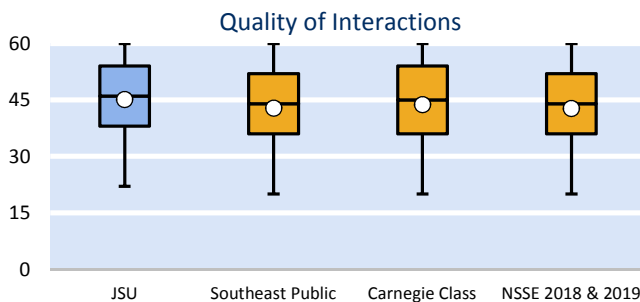
NSSE 2019 Engagement Indicators
Comparisons with High-Performing Institutions
Jacksonville State University

Comparisons with Top 50% and Top 10% Institutions

While NSSE's policy is not to rank institutions (see **nsse.indiana.edu/links/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 2018 and 2019 NSSE institutions, and

   (b) institutions with average scores placing them in the top 10% of all 2018 and 2019 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

| | | JSU | 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	38.1	39.3	-.10	✓	41.0 **	-.23	
	Reflective and Integrative Learning	36.0	36.8	-.06	✓	38.8 ***	-.23	
	Learning Strategies	40.5	39.9	.04	✓	42.5 *	-.14	
	Quantitative Reasoning	28.4	29.3	-.06	✓	30.8	-.16	
Learning with Peers	Collaborative Learning	33.9	35.4	-.11		37.7 ***	-.27	
	Discussions with Diverse Others	41.4	41.3	.00	✓	43.2	-.13	
Experiences with Faculty	Student-Faculty Interaction	25.0	24.9	.01	✓	28.0 **	-.19	
	Effective Teaching Practices	41.5	40.6	.07	✓	42.7	-.09	✓
Campus Environment	Quality of Interactions	45.4	44.9	.04	✓	47.1 *	-.15	
	Supportive Environment	40.4	38.1 *	.17	✓	40.1	.02	✓

Seniors

| | | JSU | 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	41.8	41.8	.00	✓	43.0	-.09	✓
	Reflective and Integrative Learning	38.7	39.9	-.10	✓	41.6 ***	-.23	
	Learning Strategies	42.0	40.8	.08	✓	42.6	-.04	✓
	Quantitative Reasoning	30.6	31.3	-.04	✓	32.7 **	-.14	
Learning with Peers	Collaborative Learning	34.7	36.1 *	-.11		38.6 ***	-.29	
	Discussions with Diverse Others	42.6	42.0	.03	✓	43.5	-.06	✓
Experiences with Faculty	Student-Faculty Interaction	28.9	29.9	-.06	✓	33.9 ***	-.32	
	Effective Teaching Practices	42.9	41.8	.09	✓	43.5	-.04	✓
Campus Environment	Quality of Interactions	45.1	45.2	.00	✓	47.4 ***	-.19	
	Supportive Environment	34.2	34.8	-.04	✓	37.0 ***	-.19	

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

a. Precision-weighted means (produced by Hierarchical Linear Modeling) were used to determine the top 50% and top 10% institutions for each Engagement Indicator from all NSSE 2018 and 2019 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 significant and positive, or non-significant with an effect size > -.10.

NSSE 2019 Engagement Indicators

Detailed Statistics[a]

Jacksonville State University

Detailed Statistics: First-Year Students

	Mean statistics			Percentile[d] scores					Comparison results			
	Mean	SD[b]	SE[c]	5th	25th	50th	75th	95th	Deg. of freedom[e]	Mean diff.	Sig.[f]	Effect size[g]
Academic Challenge												
Higher-Order Learning												
JSU (N = 203)	38.1	13.0	.91	20	30	40	45	60				
Southeast Public	37.7	13.5	.07	15	30	40	45	60	37,434	.4	.671	.030
Carnegie Class	37.8	13.3	.06	15	30	40	45	60	49,941	.3	.758	.022
NSSE 2018 & 2019	38.0	13.2	.03	20	30	40	45	60	198,779	.1	.916	.007
Top 50%	39.3	13.0	.04	20	30	40	50	60	106,351	-1.3	.168	-.097
Top 10%	41.0	13.0	.08	20	35	40	50	60	27,638	-2.9	.001	-.225
Reflective & Integrative Learning												
JSU (N = 215)	36.0	12.3	.84	17	29	34	43	60				
Southeast Public	34.7	12.2	.06	17	26	34	43	57	40,669	1.4	.101	.112
Carnegie Class	35.0	12.0	.05	17	26	34	43	57	53,612	1.0	.213	.085
NSSE 2018 & 2019	35.2	12.0	.03	17	26	34	43	57	213,155	.8	.324	.067
Top 50%	36.8	11.8	.04	17	29	37	46	57	107,098	-.7	.361	-.062
Top 10%	38.8	11.8	.08	20	31	40	46	60	22,391	-2.7	.001	-.230
Learning Strategies												
JSU (N = 198)	40.5	13.3	.95	20	33	40	53	60				
Southeast Public	38.4	13.8	.07	20	27	40	47	60	35,337	2.1	.033	.152
Carnegie Class	38.5	13.9	.06	20	27	40	47	60	47,444	2.0	.044	.143
NSSE 2018 & 2019	38.1	13.8	.03	20	27	40	47	60	188,986	2.3	.018	.169
Top 50%	39.9	13.7	.05	20	33	40	53	60	91,932	.6	.550	.043
Top 10%	42.5	14.0	.10	20	33	40	53	60	21,336	-2.0	.044	-.144
Quantitative Reasoning												
JSU (N = 195)	28.4	17.0	1.22	0	20	27	40	60				
Southeast Public	28.3	15.5	.08	0	20	27	40	60	36,018	.1	.957	.004
Carnegie Class	27.6	15.5	.07	0	20	27	40	60	195	.8	.524	.050
NSSE 2018 & 2019	27.8	15.3	.04	0	20	27	40	60	194	.6	.644	.037
Top 50%	29.3	15.2	.05	7	20	27	40	60	194	-.9	.476	-.057
Top 10%	30.8	15.2	.09	7	20	33	40	60	196	-2.4	.053	-.156
Learning with Peers												
Collaborative Learning												
JSU (N = 231)	33.9	15.1	1.00	10	20	35	45	60				
Southeast Public	33.4	14.3	.07	10	20	35	45	60	43,837	.5	.604	.034
Carnegie Class	30.1	15.4	.06	0	20	30	40	60	56,817	3.8	.000	.248
NSSE 2018 & 2019	32.4	14.7	.03	5	20	30	40	60	226,387	1.5	.117	.103
Top 50%	35.4	13.7	.04	15	25	35	45	60	230	-1.5	.135	-.109
Top 10%	37.7	13.6	.09	15	30	40	50	60	233	-3.8	.000	-.275
Discussions with Diverse Others												
JSU (N = 199)	41.4	17.1	1.21	10	30	40	60	60				
Southeast Public	39.9	15.7	.08	15	30	40	55	60	199	1.5	.222	.095
Carnegie Class	38.3	16.2	.07	10	25	40	50	60	47,801	3.1	.008	.189
NSSE 2018 & 2019	39.4	15.6	.04	15	30	40	55	60	198	2.0	.102	.128
Top 50%	41.3	14.9	.05	20	30	40	55	60	198	.0	.968	.003
Top 10%	43.2	14.4	.09	20	35	40	60	60	200	-1.9	.125	-.129

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												
JSU (N = 211)	25.0	15.3	1.06	5	15	20	35	60				
Southeast Public	22.5	14.9	.08	0	10	20	30	50	38,868	2.5	.014	.170
Carnegie Class	21.7	14.9	.07	0	10	20	30	50	51,490	3.4	.001	.226
NSSE 2018 & 2019	21.7	14.7	.03	0	10	20	30	50	204,982	3.4	.001	.231
Top 50%	24.9	14.8	.06	5	15	20	35	55	72,334	.1	.913	.008
Top 10%	28.0	15.5	.15	5	15	25	40	60	11,522	-2.9	.007	-.188
Effective Teaching Practices												
JSU (N = 205)	41.5	12.5	.88	20	32	40	52	60				
Southeast Public	38.0	13.4	.07	16	28	40	48	60	37,350	3.5	.000	.261
Carnegie Class	38.9	13.6	.06	16	28	40	48	60	49,914	2.6	.005	.195
NSSE 2018 & 2019	38.5	13.2	.03	16	28	40	48	60	198,583	3.0	.001	.231
Top 50%	40.6	13.2	.05	20	32	40	52	60	80,664	.9	.334	.068
Top 10%	42.7	14.0	.10	20	32	44	56	60	209	-1.2	.177	-.085
Campus Environment												
Quality of Interactions												
JSU (N = 183)	45.4	11.0	.81	28	38	46	54	60				
Southeast Public	42.6	12.1	.07	20	36	44	52	60	33,375	2.7	.002	.225
Carnegie Class	42.8	12.5	.06	20	36	44	52	60	184	2.6	.002	.205
NSSE 2018 & 2019	42.6	12.1	.03	20	36	44	52	60	177,538	2.7	.002	.223
Top 50%	44.9	11.4	.04	24	38	46	54	60	74,191	.5	.558	.043
Top 10%	47.1	11.8	.09	24	40	50	58	60	18,768	-1.7	.048	-.146
Supportive Environment												
JSU (N = 187)	40.4	13.2	.97	18	30	40	50	60				
Southeast Public	37.1	13.5	.07	15	28	38	48	60	34,182	3.3	.001	.241
Carnegie Class	35.8	13.9	.06	13	25	38	45	60	45,979	4.6	.000	.330
NSSE 2018 & 2019	36.1	13.5	.03	15	28	38	45	60	183,411	4.3	.000	.318
Top 50%	38.1	13.2	.04	18	30	40	48	60	88,507	2.3	.019	.172
Top 10%	40.1	13.2	.10	18	30	40	50	60	18,303	.3	.740	.024

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 2019 Engagement Indicators

Detailed Statistics[a]

Jacksonville State University

Detailed Statistics: Seniors

	Mean statistics			Percentile[d] scores					Comparison results			
	Mean	SD[b]	SE[c]	5th	25th	50th	75th	95th	Deg. of freedom[e]	Mean diff.	Sig.[f]	Effect size[g]
Academic Challenge												
Higher-Order Learning												
JSU (N = 375)	41.8	14.2	.74	20	30	40	55	60				
Southeast Public	40.1	13.9	.07	20	30	40	50	60	45,300	1.7	.020	.121
Carnegie Class	40.5	13.7	.05	20	30	40	50	60	68,375	1.3	.066	.095
NSSE 2018 & 2019	40.0	13.6	.03	20	30	40	50	60	375	1.8	.017	.130
Top 50%	41.8	13.5	.04	20	35	40	55	60	108,283	.0	.998	.000
Top 10%	43.0	13.5	.08	20	35	40	55	60	29,890	-1.3	.074	-.093
Reflective & Integrative Learning												
JSU (N = 390)	38.7	12.5	.63	20	29	40	49	60				
Southeast Public	37.7	12.7	.06	17	29	37	46	60	48,020	1.0	.115	.080
Carnegie Class	38.1	12.5	.05	17	29	37	47	60	71,935	.6	.315	.051
NSSE 2018 & 2019	38.0	12.4	.02	17	29	37	46	60	272,799	.7	.247	.059
Top 50%	39.9	12.2	.04	20	31	40	49	60	103,416	-1.2	.059	-.096
Top 10%	41.6	12.2	.09	20	34	40	51	60	20,586	-2.9	.000	-.234
Learning Strategies												
JSU (N = 376)	42.0	14.6	.75	13	33	40	53	60				
Southeast Public	39.3	14.6	.07	13	27	40	53	60	43,297	2.7	.000	.187
Carnegie Class	39.4	14.5	.06	13	27	40	53	60	65,868	2.6	.000	.180
NSSE 2018 & 2019	38.5	14.5	.03	13	27	40	47	60	249,086	3.5	.000	.242
Top 50%	40.8	14.4	.04	20	33	40	53	60	113,221	1.2	.108	.083
Top 10%	42.6	14.3	.08	20	33	40	60	60	36,101	-.6	.405	-.043
Quantitative Reasoning												
JSU (N = 373)	30.6	16.1	.83	0	20	27	40	60				
Southeast Public	30.5	16.3	.08	0	20	27	40	60	43,914	.1	.887	.007
Carnegie Class	29.6	16.2	.06	0	20	27	40	60	66,617	1.1	.209	.065
NSSE 2018 & 2019	29.8	16.1	.03	0	20	27	40	60	252,170	.8	.359	.048
Top 50%	31.3	16.0	.04	7	20	33	40	60	139,277	-.7	.415	-.042
Top 10%	32.7	15.8	.08	7	20	33	40	60	38,991	-2.1	.009	-.135
Learning with Peers												
Collaborative Learning												
JSU (N = 396)	34.7	14.9	.75	10	25	35	45	60				
Southeast Public	33.7	15.1	.07	10	20	35	45	60	50,194	1.0	.206	.064
Carnegie Class	29.3	16.4	.06	0	20	30	40	60	400	5.3	.000	.327
NSSE 2018 & 2019	31.8	15.7	.03	5	20	30	40	60	282,751	2.8	.000	.180
Top 50%	36.1	14.0	.04	15	25	35	45	60	121,035	-1.5	.036	-.105
Top 10%	38.6	13.5	.10	15	30	40	50	60	409	-4.0	.000	-.293
Discussions with Diverse Others												
JSU (N = 376)	42.6	15.3	.79	20	35	40	60	60				
Southeast Public	41.1	16.0	.08	15	30	40	60	60	43,571	1.5	.073	.093
Carnegie Class	39.4	16.7	.07	10	25	40	55	60	65,984	3.2	.000	.190
NSSE 2018 & 2019	40.1	16.0	.03	15	30	40	55	60	250,030	2.5	.003	.154
Top 50%	42.0	15.6	.04	15	30	40	60	60	138,132	.5	.526	.033
Top 10%	43.5	15.4	.08	20	35	45	60	60	37,146	-1.0	.219	-.064

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												
JSU (N = 382)	28.9	16.8	.86	0	15	30	40	60				
Southeast Public	25.5	16.4	.08	0	15	25	35	60	46,430	3.3	.000	.201
Carnegie Class	24.2	16.2	.06	0	10	20	35	60	69,888	4.6	.000	.286
NSSE 2018 & 2019	24.1	16.1	.03	0	10	20	35	55	264,835	4.8	.000	.298
Top 50%	29.9	15.9	.07	5	20	30	40	60	386	-1.0	.242	-.064
Top 10%	33.9	15.8	.17	10	20	35	45	60	8,887	-5.1	.000	-.319
Effective Teaching Practices												
JSU (N = 379)	42.9	14.4	.74	16	36	44	56	60				
Southeast Public	40.0	14.0	.07	16	32	40	52	60	45,306	2.9	.000	.209
Carnegie Class	40.2	14.0	.05	16	32	40	52	60	68,449	2.8	.000	.199
NSSE 2018 & 2019	39.6	13.7	.03	16	32	40	52	60	259,187	3.4	.000	.246
Top 50%	41.8	13.6	.05	20	32	40	52	60	90,423	1.2	.089	.088
Top 10%	43.5	13.5	.09	20	36	44	56	60	24,677	-.6	.403	-.043
Campus Environment												
Quality of Interactions												
JSU (N = 356)	45.1	12.0	.64	22	38	46	54	60				
Southeast Public	42.9	12.2	.06	20	36	44	52	60	40,407	2.2	.001	.183
Carnegie Class	43.8	12.4	.05	20	36	45	54	60	60,309	1.3	.041	.108
NSSE 2018 & 2019	42.8	12.2	.03	20	36	44	52	60	231,705	2.3	.000	.191
Top 50%	45.2	11.8	.04	23	38	48	54	60	100,550	-.1	.932	-.005
Top 10%	47.4	12.0	.07	24	40	50	58	60	33,179	-2.3	.000	-.190
Supportive Environment												
JSU (N = 374)	34.2	14.6	.75	10	23	35	43	60				
Southeast Public	33.6	14.2	.07	10	23	33	43	60	42,211	.6	.379	.046
Carnegie Class	32.1	14.4	.06	8	23	33	40	60	64,439	2.1	.005	.145
NSSE 2018 & 2019	32.2	14.1	.03	10	23	33	40	58	244,057	2.0	.005	.145
Top 50%	34.8	13.9	.04	13	25	35	45	60	97,566	-.5	.458	-.038
Top 10%	37.0	14.0	.10	13	28	38	48	60	18,853	-2.7	.000	-.195

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.