



---

# NSSE 2022

## Engagement Indicators

Texas A&M University-Commerce

---

### 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 2021 and 2022 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. 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

<i>Theme</i>	<i>Engagement Indicator</i>	Your first-year students compared with Southwest Public	Your first-year students compared with Carnegie Class	Your first-year students compared with NSSE 2021 & 2022
<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	--	--	--

### Seniors

<i>Theme</i>	<i>Engagement Indicator</i>	Your seniors compared with Southwest Public	Your seniors compared with Carnegie Class	Your seniors compared with NSSE 2021 & 2022
<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	△	△	△

### Academic Challenge: First-year students

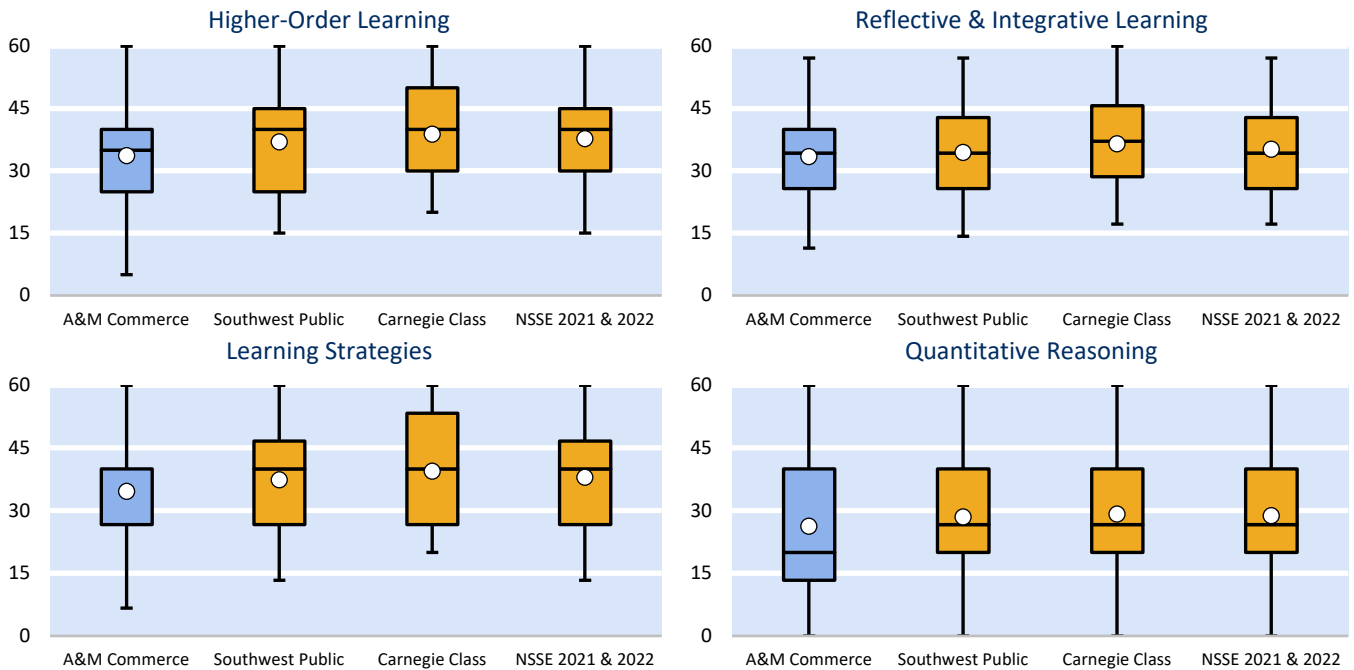
Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme: *Higher-Order Learning*, *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	A&M Commerce Mean	Your first-year students compared with					
		Southwest Public		Carnegie Class		NSSE 2021 & 2022	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Higher-Order Learning	33.7	37.0 **	-.23	38.9 ***	-.37	37.8 ***	-.30
Reflective & Integrative Learning	33.5	34.5	-.08	36.5 ***	-.25	35.3 *	-.14
Learning Strategies	34.6	37.4 *	-.19	39.4 ***	-.34	37.9 **	-.24
Quantitative Reasoning	26.3	28.5	-.14	29.2 *	-.18	28.7 *	-.16

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

#### 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.

	A&M Commerce	Percentage point difference <sup>a</sup> between your FY students and		
		Southwest Public	Carnegie Class	NSSE 2021 & 2022
<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	51	-14	-19	-18
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	60	-5	-10	-8
4d. Evaluating a point of view, decision, or information source	66	-2	-7	-3
4e. Forming a new idea or understanding from various pieces of information	59	-9	-13	-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	45	-1	-7	-5
2b. Connected your learning to societal problems or issues	49	-0	-6	-3
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	48	-3	-9	-6
2d. Examined the strengths and weaknesses of your own views on a topic or issue	59	-4	-8	-4
2e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	66	-3	-8	-4
2f. Learned something that changed the way you understand an issue or concept	65	+1	-3	-1
2g. Connected ideas from your courses to your prior experiences and knowledge	73	-1	-6	-4
<b>Learning Strategies</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
9a. Identified key information from reading assignments	63	-6	-12	-9
9b. Reviewed your notes after class	64	-2	-5	-2
9c. Summarized what you learned in class or from course materials	56	-6	-12	-8
<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.)	43	-9	-10	-10
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	38	-4	-6	-4
6c. Evaluated what others have concluded from numerical information	32	-8	-10	-9

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

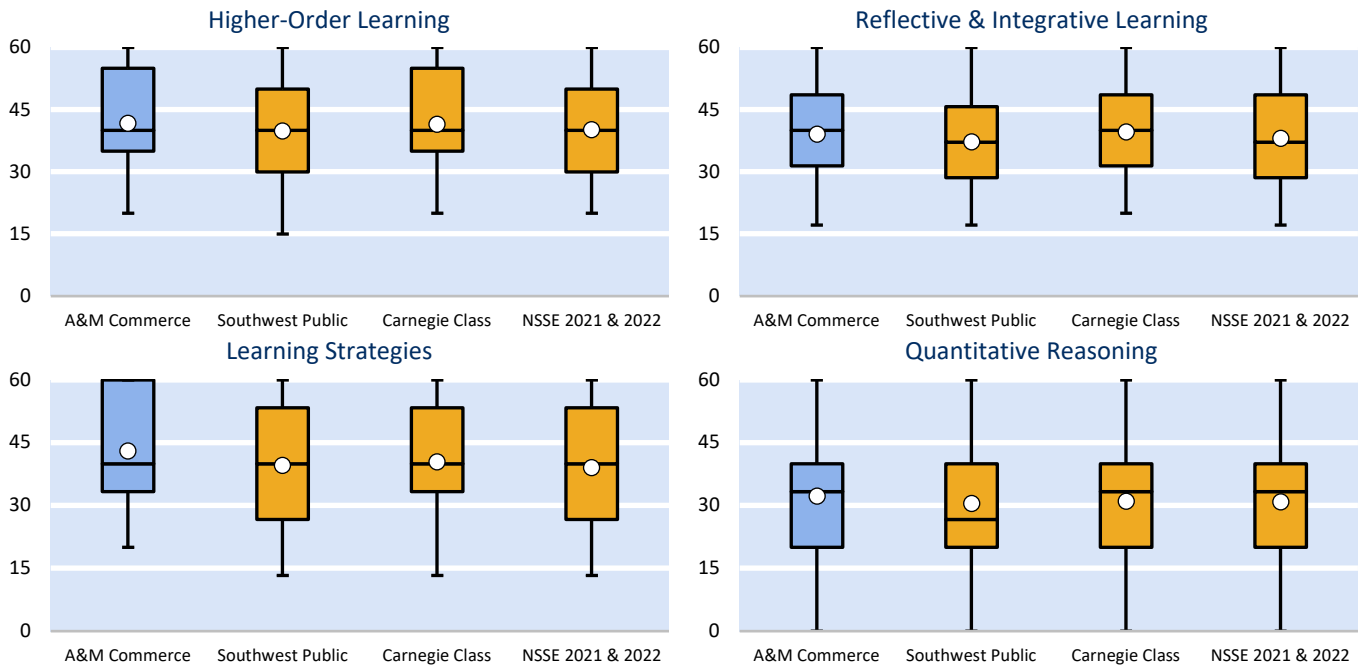
Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme: *Higher-Order Learning*, *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	A&M Commerce	Your seniors compared with					
		Southwest Public		Carnegie Class		NSSE 2021 & 2022	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Higher-Order Learning	41.8	39.9 *	.13	41.6	.02	40.2 *	.11
Reflective & Integrative Learning	39.2	37.2 **	.14	39.7	-.04	38.1	.08
Learning Strategies	43.0	39.6 ***	.23	40.4 **	.17	39.0 ***	.27
Quantitative Reasoning	32.2	30.5	.10	31.0	.07	30.9	.08

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

#### Score Distributions



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

## Academic Challenge: 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.

	A&M Commerce	Percentage point difference <sup>a</sup> between your seniors and		
		Southwest Public	Carnegie Class	NSSE 2021 & 2022
<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	+8	+4	+6
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	80	+6	+4	+6
4d. Evaluating a point of view, decision, or information source	76	+5	-1	+4
4e. Forming a new idea or understanding from various pieces of information	79	+6	+2	+5
<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	67	+4	-0	+0
2b. Connected your learning to societal problems or issues	67	+9	+1	+6
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	61	+10	+0	+6
2d. Examined the strengths and weaknesses of your own views on a topic or issue	73	+7	+1	+6
2e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	77	+5	+1	+4
2f. Learned something that changed the way you understand an issue or concept	73	+3	-1	+2
2g. Connected ideas from your courses to your prior experiences and knowledge	83	+2	-2	+0
<b>Learning Strategies</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
9a. Identified key information from reading assignments	80	+5	+1	+4
9b. Reviewed your notes after class	79	+11	+12	+14
9c. Summarized what you learned in class or from course materials	79	+12	+9	+13
<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.)	63	+7	+7	+7
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	52	+5	+3	+4
6c. Evaluated what others have concluded from numerical information	50	+4	+3	+3

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

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

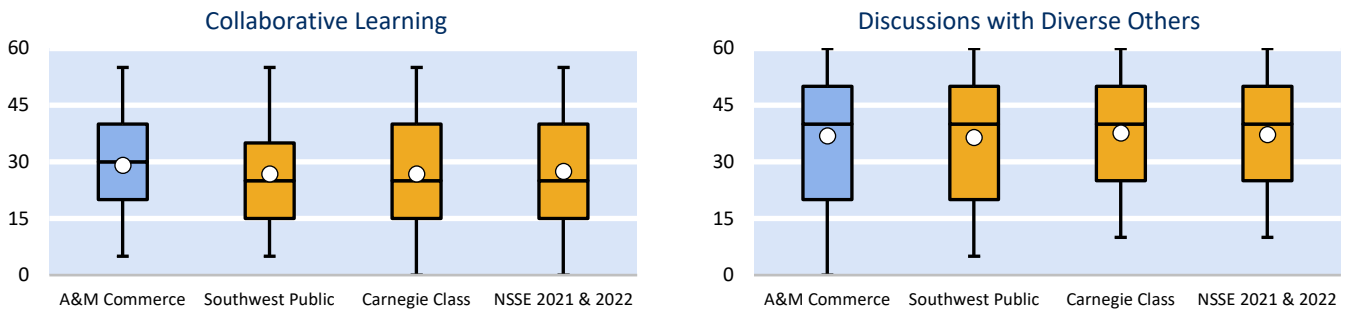
Collaborating with others in mastering difficult material and interacting with peers from different backgrounds prepares students to deal with complex, unscripted problems they will encounter during and after college. Two Engagement Indicators make up this theme: *Collaborative Learning* and *Discussions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

#### Mean Comparisons

Engagement Indicator	A&M Commerce Mean	Your first-year students compared with					
		Southwest Public		Carnegie Class		NSSE 2021 & 2022	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Collaborative Learning	29.0	26.7 *	.15	26.7 *	.15	27.5	.10
Discussions with Diverse Others	36.8	36.4	.02	37.6	-.05	37.1	-.02

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

#### Score Distributions



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

#### Performance on Indicator Items

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

	A&M Commerce	Percentage point difference <sup>a</sup> between your FY students and		
		Southwest Public	Carnegie Class	NSSE 2021 & 2022
<b>Collaborative Learning</b>				
Percentage of students who responded that they "Very often" or "Often"...				
1b. Asked another student to help you understand course material	42	+2	+3	+1
1c. Explained course material to one or more students	44	+2	+1	-0
1d. Prepared for exams by discussing or working through course material with other students	43	+8	+6	+6
1e. Worked with other students on course projects or assignments	50	+8	+5	+5
<b>Discussions with Diverse Others</b>				
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	66	+1	-2	-0
8b. People from an economic background other than your own	68	+4	+0	+2
8c. People with religious beliefs other than your own	58	-2	-3	-3
8d. People with political views other than your own	65	+7	+5	+6

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

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



### Learning with Peers: Seniors

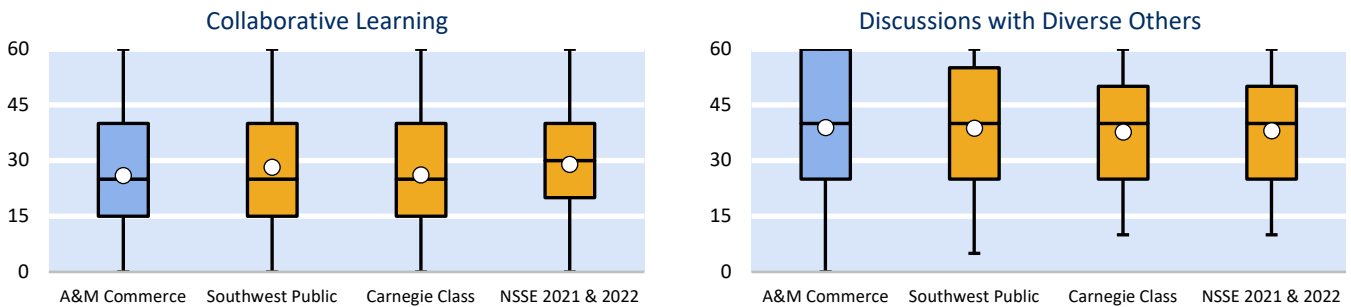
Collaborating with others in mastering difficult material and interacting with peers from different backgrounds prepares students to deal with complex, unscripted problems they will encounter during and after college. Two Engagement Indicators make up this theme: *Collaborative Learning* and *Discussions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

#### Mean Comparisons

Engagement Indicator	A&M Commerce Mean	Your seniors compared with					
		Southwest Public		Carnegie Class		NSSE 2021 & 2022	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Collaborative Learning	26.0	28.3 *	-.14	26.2	-.01	29.0 ***	-.18
Discussions with Diverse Others	39.0	38.8	.01	37.8	.07	38.1	.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.

#### 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.

	A&M Commerce	Percentage point difference <sup>a</sup> between your seniors and		
		Southwest Public	Carnegie Class	NSSE 2021 & 2022
<b>Collaborative Learning</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
	%			
1b. Asked another student to help you understand course material	34	-4	+1	-5
1c. Explained course material to one or more students	44	-2	+2	-4
1d. Prepared for exams by discussing or working through course material with other students	36	-0	+3	-2
1e. Worked with other students on course projects or assignments	46	-7	-5	-10
<b>Discussions with Diverse Others</b>				
<i>Percentage of students who responded that they "Very often" or "Often" had discussions with...</i>				
8a. People of a race or ethnicity other than your own	72	+1	+4	+4
8b. People from an economic background other than your own	73	+4	+4	+4
8c. People with religious beliefs other than your own	66	+1	+7	+4
8d. People with political views other than your own	65	+3	+4	+5

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

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

### Experiences with Faculty: First-year students

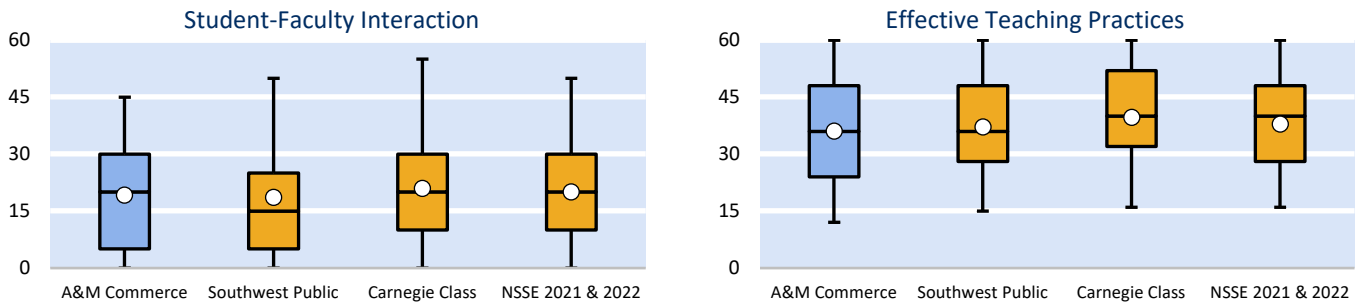
Students learn firsthand how experts think about and solve problems by interacting with faculty members inside and outside of instructional settings. As a result, faculty become role models, mentors, and guides for lifelong learning. In addition, effective teaching requires that faculty deliver course 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	A&M Commerce Mean	Your first-year students compared with					
		Southwest Public Mean	Effect size	Carnegie Class Mean	Effect size	NSSE 2021 & 2022 Mean	Effect size
Student-Faculty Interaction	19.1	18.5	.04	20.9	-.12	20.0	-.06
Effective Teaching Practices	36.0	37.1	-.08	39.6 ***	-.26	37.9	-.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.

Student-Faculty Interaction	A&M Commerce %	Percentage point difference <sup>a</sup> between your FY students and		
		Southwest Public	Carnegie Class	NSSE 2021 & 2022
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
3a. Talked about career plans with a faculty member	31	-1	-6	-3
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	24	+6	+4	+5
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	22	+0	-4	-2
3d. Discussed your academic performance with a faculty member	29	+3	-1	+1
<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	66	-7	-12	-9
5b. Taught course sessions in an organized way	61	-9	-13	-11
5c. Used examples or illustrations to explain difficult points	62	-7	-11	-9
5d. Provided feedback on a draft or work in progress	61	+0	-6	-1
5e. Provided prompt and detailed feedback on tests or completed assignments	59	+4	-6	+0

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.

### Experiences with Faculty: Seniors

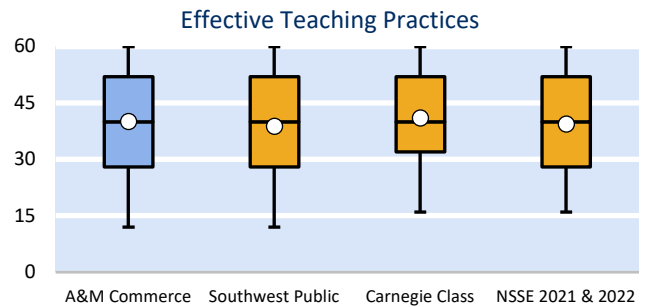
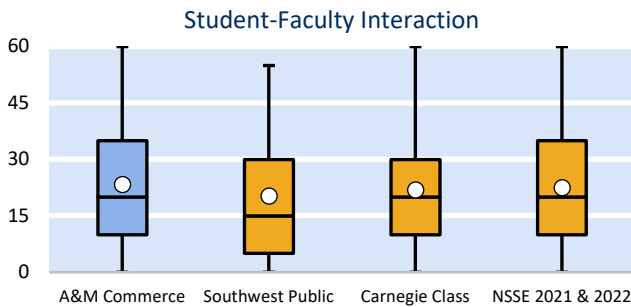
Students learn firsthand how experts think about and solve problems by interacting with faculty members inside and outside of instructional settings. As a result, faculty become role models, mentors, and guides for lifelong learning. In addition, effective teaching requires that faculty deliver course 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

Engagement Indicator	A&M Commerce Mean	Your seniors compared with					
		Southwest Public Mean	Southwest Public Effect size	Carnegie Class Mean	Carnegie Class Effect size	NSSE 2021 & 2022 Mean	NSSE 2021 & 2022 Effect size
Student-Faculty Interaction	23.3	20.2 ***	.18	21.9	.08	22.5	.05
Effective Teaching Practices	40.1	38.8	.09	41.0	-.06	39.4	.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.

#### 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.

Student-Faculty Interaction	A&M Commerce %	Percentage point difference <sup>a</sup> between your seniors and		
		Southwest Public	Carnegie Class	NSSE 2021 & 2022
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
3a. Talked about career plans with a faculty member	44	+9	+4	+4
3b. Worked w/faculty on activities other than coursework(committees, student groups, etc.)	28	+6	+4	+3
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	33	+8	+5	+4
3d. Discussed your academic performance with a faculty member	37	+10	+6	+6
<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	79	+1	-2	+1
5b. Taught course sessions in an organized way	73	-0	-5	-2
5c. Used examples or illustrations to explain difficult points	73	-0	-2	-1
5d. Provided feedback on a draft or work in progress	66	+6	-1	+3
5e. Provided prompt and detailed feedback on tests or completed assignments	70	+9	+0	+6

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

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

### Campus Environment: First-year students

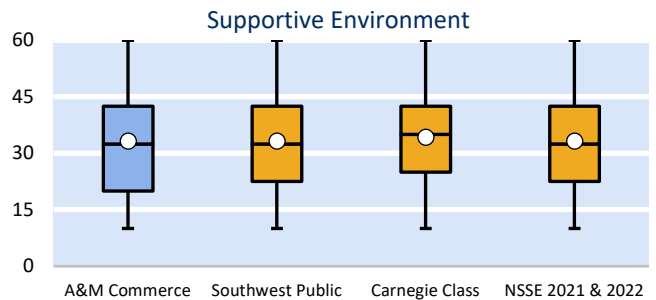
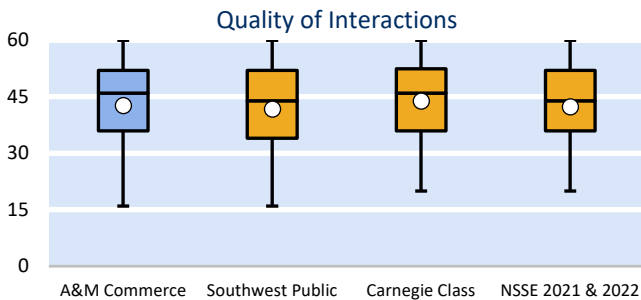
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment*. Below are three views of your results alongside those of your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

#### Mean Comparisons

Engagement Indicator	A&M Commerce Mean	Your first-year students compared with					
		Southwest Public Mean	Effect size	Carnegie Class Mean	Effect size	NSSE 2021 & 2022 Mean	Effect size
Quality of Interactions	42.7	41.8	.07	43.9	-.09	42.4	.02
Supportive Environment	33.3	33.3	.00	34.3	-.07	33.3	.00

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	A&M Commerce	Percentage point difference <sup>a</sup> between your FY students and		
		Southwest Public	Carnegie Class	NSSE 2021 & 2022
<i>Percentage rating their interactions a 6 or 7 (on a scale from 1="Poor" to 7="Excellent") with...</i>				
13a. Students	59	+12	+6	+10
13b. Academic advisors	49	-2	-8	-5
13c. Faculty	53	+4	-2	+3
13d. Student services staff (career services, student activities, housing, etc.)	52	+5	+2	+6
13e. Other administrative staff and offices (registrar, financial aid, etc.)	50	+5	-0	+5
<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	+4	+1	+3
14c. Using learning support services (tutoring services, writing center, etc.)	63	-7	-9	-8
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	57	-1	-3	-1
14e. Providing opportunities to be involved socially	61	-1	-6	-3
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	61	-2	-2	-1
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	40	+0	-1	+2
14h. Attending campus activities and events (performing arts, athletic events, etc.)	59	+4	+2	+3
14i. Attending events that address important social, economic, or political issues	45	+2	+0	+2

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

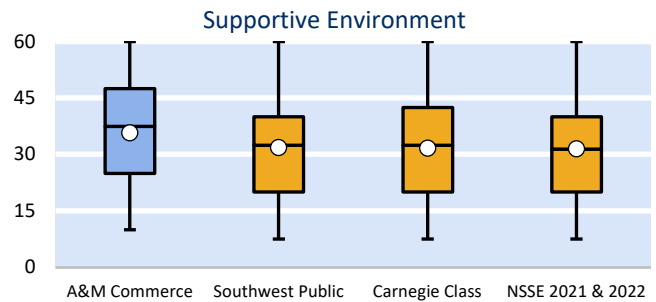
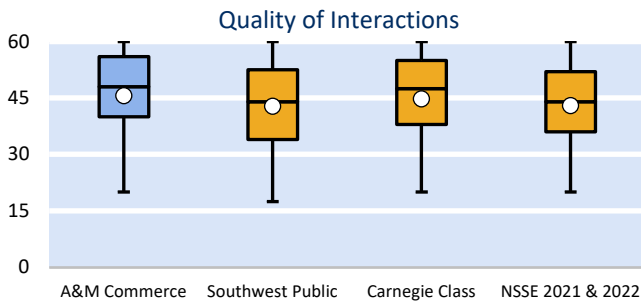
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment*. Below are three views of your results alongside those of your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

#### Mean Comparisons

Engagement Indicator	A&M Commerce Mean	Your seniors compared with					
		Southwest Public		Carnegie Class		NSSE 2021 & 2022	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Quality of Interactions	45.7	42.9 ***	.21	44.9	.06	43.0 ***	.21
Supportive Environment	35.9	32.0 ***	.26	31.8 ***	.27	31.5 ***	.29

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	A&M Commerce	Percentage point difference <sup>a</sup> between your seniors and		
		Southwest Public	Carnegie Class	NSSE 2021 & 2022
<i>Percentage rating their interactions a 6 or 7 (on a scale from 1= "Poor" to 7= "Excellent") with...</i>				
13a. Students	64	+7	+4	+7
13b. Academic advisors	60	+7	+1	+5
13c. Faculty	66	+11	+3	+9
13d. Student services staff (career services, student activities, housing, etc.)	61	+14	+10	+15
13e. Other administrative staff and offices (registrar, financial aid, etc.)	60	+11	+7	+13
<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	+6	+3	+5
14c. Using learning support services (tutoring services, writing center, etc.)	71	+7	+5	+7
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	66	+10	+11	+12
14e. Providing opportunities to be involved socially	71	+10	+10	+10
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	70	+10	+13	+12
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	45	+10	+9	+12
14h. Attending campus activities and events (performing arts, athletic events, etc.)	65	+14	+17	+14
14i. Attending events that address important social, economic, or political issues	57	+17	+17	+17

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.

This page intentionally left blank.

### 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 2021 and 2022 NSSE institutions, and
- (b) institutions with average scores placing them in the top 10% of all 2021 and 2022 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		A&M Commerce Mean	Your first-year students compared with					
			NSSE Top 50%			NSSE Top 10%		
Theme	Engagement Indicator		Mean	Effect size	✓	Mean	Effect size	✓
Academic Challenge	Higher-Order Learning	33.7	39.2 ***	-.41		42.1 ***	-.64	
	Reflective and Integrative Learning	33.5	36.9 ***	-.28		39.2 ***	-.48	
	Learning Strategies	34.6	39.6 ***	-.35		42.9 ***	-.58	
	Quantitative Reasoning	26.3	30.2 **	-.25		33.3 ***	-.45	
Learning with Peers	Collaborative Learning	29.0	31.8 **	-.20		35.4 ***	-.47	
	Discussions with Diverse Others	36.8	39.8 *	-.20		42.6 ***	-.40	
Experiences with Faculty	Student-Faculty Interaction	19.1	24.3 ***	-.34		27.8 ***	-.57	
	Effective Teaching Practices	36.0	40.3 ***	-.31		43.3 ***	-.53	
Campus Environment	Quality of Interactions	42.7	45.1 *	-.20		48.2 ***	-.44	
	Supportive Environment	33.3	35.9 *	-.20		39.1 ***	-.44	

Seniors		A&M Commerce Mean	Your seniors compared with					
			NSSE Top 50%			NSSE Top 10%		
Theme	Engagement Indicator		Mean	Effect size	✓	Mean	Effect size	✓
Academic Challenge	Higher-Order Learning	41.8	41.9	-.01	✓	44.2 ***	-.19	
	Reflective and Integrative Learning	39.2	40.3	-.09	✓	42.7 ***	-.30	
	Learning Strategies	43.0	41.1 *	.13	✓	43.5	-.03	✓
	Quantitative Reasoning	32.2	32.4	-.02	✓	35.3 ***	-.20	
Learning with Peers	Collaborative Learning	26.0	34.0 ***	-.55		37.9 ***	-.85	
	Discussions with Diverse Others	39.0	40.4	-.09	✓	43.2 ***	-.28	
Experiences with Faculty	Student-Faculty Interaction	23.3	28.8 ***	-.34		33.2 ***	-.61	
	Effective Teaching Practices	40.1	41.9 *	-.13		44.5 ***	-.32	
Campus Environment	Quality of Interactions	45.7	45.6	.00	✓	48.0 **	-.19	
	Supportive Environment	35.9	34.2 *	.11	✓	37.4	-.11	

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 NSSE 2021 and 2022 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>												
A&M Commerce (N = 180)	33.7	14.2	1.06	5	25	35	40	60				
Southwest Public	37.0	14.0	.16	15	25	40	45	60	7,445	-3.3	.002	-.235
Carnegie Class	38.9	13.8	.15	20	30	40	50	60	8,674	-5.2	.000	-.374
NSSE 2021 & 2022	37.8	13.5	.05	15	30	40	45	60	69,522	-4.0	.000	-.299
Top 50%	39.2	13.3	.07	20	30	40	50	60	35,880	-5.5	.000	-.415
Top 10%	42.1	13.0	.21	20	35	40	55	60	4,107	-8.3	.000	-.636
<b>Reflective &amp; Integrative Learning</b>												
A&M Commerce (N = 195)	33.5	13.1	.94	11	26	34	40	57				
Southwest Public	34.5	12.6	.14	14	26	34	43	57	8,161	-1.0	.278	-.079
Carnegie Class	36.5	12.4	.13	17	29	37	46	60	9,408	-3.0	.001	-.245
NSSE 2021 & 2022	35.3	12.3	.04	17	26	34	43	57	75,554	-1.8	.044	-.144
Top 50%	36.9	12.1	.06	17	29	37	46	60	35,979	-3.4	.000	-.282
Top 10%	39.2	11.8	.17	20	31	40	49	60	5,063	-5.7	.000	-.481
<b>Learning Strategies</b>												
A&M Commerce (N = 169)	34.6	14.6	1.12	7	27	40	40	60				
Southwest Public	37.4	14.3	.17	13	27	40	47	60	6,901	-2.8	.013	-.193
Carnegie Class	39.4	14.3	.16	20	27	40	53	60	8,106	-4.8	.000	-.337
NSSE 2021 & 2022	37.9	14.0	.06	13	27	40	47	60	64,623	-3.3	.002	-.238
Top 50%	39.6	14.1	.08	20	27	40	53	60	32,714	-5.0	.000	-.353
Top 10%	42.9	14.3	.19	20	33	40	60	60	6,106	-8.3	.000	-.581
<b>Quantitative Reasoning</b>												
A&M Commerce (N = 166)	26.3	16.2	1.26	0	13	20	40	60				
Southwest Public	28.5	15.6	.19	0	20	27	40	60	6,988	-2.2	.069	-.143
Carnegie Class	29.2	16.2	.18	0	20	27	40	60	8,225	-2.9	.022	-.180
NSSE 2021 & 2022	28.7	15.5	.06	0	20	27	40	60	65,544	-2.5	.039	-.160
Top 50%	30.2	15.3	.08	7	20	27	40	60	37,777	-3.9	.001	-.255
Top 10%	33.3	15.5	.22	7	20	33	40	60	5,026	-7.0	.000	-.451
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
A&M Commerce (N = 207)	29.0	14.5	1.01	5	20	30	40	55				
Southwest Public	26.7	14.8	.16	5	15	25	35	55	8,884	2.3	.029	.154
Carnegie Class	26.7	15.7	.16	0	15	25	40	55	10,083	2.3	.038	.146
NSSE 2021 & 2022	27.5	15.0	.05	0	15	25	40	55	81,714	1.6	.135	.104
Top 50%	31.8	13.9	.08	10	20	30	40	60	33,291	-2.8	.004	-.204
Top 10%	35.4	13.5	.17	15	25	35	45	60	6,254	-6.4	.000	-.474
<b>Discussions with Diverse Others</b>												
A&M Commerce (N = 171)	36.8	17.6	1.35	0	20	40	50	60				
Southwest Public	36.4	16.8	.20	5	20	40	50	60	6,937	.4	.776	.022
Carnegie Class	37.6	16.3	.18	10	25	40	50	60	8,153	-.8	.545	-.047
NSSE 2021 & 2022	37.1	16.1	.06	10	25	40	50	60	65,035	-.3	.787	-.021
Top 50%	39.8	15.1	.09	15	30	40	55	60	171	-3.0	.027	-.200
Top 10%	42.6	14.2	.23	20	35	40	55	60	180	-5.8	.000	-.401



#### 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>												
A&M Commerce (N = 187)	19.1	14.8	1.08	0	5	20	30	45				
Southwest Public	18.5	15.1	.17	0	5	15	25	50	7,767	.6	.592	.040
Carnegie Class	20.9	15.2	.16	0	10	20	30	55	8,999	-1.8	.115	-.116
NSSE 2021 & 2022	20.0	14.8	.06	0	10	20	30	50	72,195	-.9	.416	-.059
Top 50%	24.3	15.1	.11	5	15	20	35	55	18,331	-5.2	.000	-.345
Top 10%	27.8	15.3	.28	5	15	25	40	60	3,261	-8.7	.000	-.569
<b>Effective Teaching Practices</b>												
A&M Commerce (N = 178)	36.0	15.0	1.13	12	24	36	48	60				
Southwest Public	37.1	14.1	.17	15	28	36	48	60	7,422	-1.1	.308	-.077
Carnegie Class	39.6	14.0	.15	16	32	40	52	60	8,657	-3.6	.001	-.257
NSSE 2021 & 2022	37.9	13.7	.05	16	28	40	48	60	69,325	-1.9	.067	-.137
Top 50%	40.3	13.8	.09	16	32	40	52	60	25,109	-4.3	.000	-.310
Top 10%	43.3	13.7	.22	20	36	44	56	60	4,083	-7.3	.000	-.531
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
A&M Commerce (N = 138)	42.7	13.8	1.18	16	36	46	52	60				
Southwest Public	41.8	13.2	.17	16	34	44	52	60	6,204	.9	.432	.068
Carnegie Class	43.9	12.4	.14	20	36	46	53	60	7,463	-1.2	.272	-.094
NSSE 2021 & 2022	42.4	12.4	.05	20	36	44	52	60	58,753	.3	.773	.025
Top 50%	45.1	11.9	.08	22	38	48	54	60	138	-2.4	.044	-.201
Top 10%	48.2	12.5	.20	23	42	50	60	60	3,974	-5.5	.000	-.437
<b>Supportive Environment</b>												
A&M Commerce (N = 165)	33.3	14.8	1.15	10	20	33	43	60				
Southwest Public	33.3	14.5	.18	10	23	33	43	60	6,685	.0	.992	.001
Carnegie Class	34.3	14.3	.16	10	25	35	43	60	7,846	-1.0	.366	-.071
NSSE 2021 & 2022	33.3	14.0	.06	10	23	33	43	60	62,656	.0	.969	-.003
Top 50%	35.9	13.6	.09	13	26	38	45	60	166	-2.7	.022	-.196
Top 10%	39.1	13.3	.26	18	30	40	50	60	182	-5.8	.000	-.436

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>												
A&M Commerce (N = 375)	41.8	13.7	.71	20	35	40	55	60				
Southwest Public	39.9	14.3	.11	15	30	40	50	60	18,789	1.9	.010	.134
Carnegie Class	41.6	13.9	.11	20	35	40	55	60	17,825	.2	.749	.017
NSSE 2021 & 2022	40.2	14.0	.04	20	30	40	50	60	132,285	1.6	.030	.113
Top 50%	41.9	13.7	.06	20	35	40	55	60	52,391	-.1	.870	-.009
Top 10%	44.2	13.1	.19	20	35	45	60	60	5,201	-2.5	.000	-.187
<b>Reflective &amp; Integrative Learning</b>												
A&M Commerce (N = 391)	39.2	13.3	.67	17	31	40	49	60				
Southwest Public	37.2	13.4	.10	17	29	37	46	60	19,985	1.9	.005	.142
Carnegie Class	39.7	12.8	.09	20	31	40	49	60	18,843	-.5	.424	-.041
NSSE 2021 & 2022	38.1	13.0	.03	17	29	37	49	60	140,887	1.0	.114	.080
Top 50%	40.3	12.5	.06	20	31	40	50	60	47,547	-1.1	.078	-.090
Top 10%	42.7	11.7	.17	23	34	43	51	60	444	-3.6	.000	-.302
<b>Learning Strategies</b>												
A&M Commerce (N = 356)	43.0	14.1	.75	20	33	40	60	60				
Southwest Public	39.6	14.9	.11	13	27	40	53	60	17,724	3.4	.000	.231
Carnegie Class	40.4	14.8	.12	13	33	40	53	60	16,918	2.6	.001	.174
NSSE 2021 & 2022	39.0	14.8	.04	13	27	40	53	60	124,746	4.0	.000	.272
Top 50%	41.1	14.6	.06	20	33	40	53	60	57,109	1.9	.012	.133
Top 10%	43.5	14.2	.15	20	33	40	60	60	9,632	-.4	.564	-.031
<b>Quantitative Reasoning</b>												
A&M Commerce (N = 361)	32.2	16.5	.87	0	20	33	40	60				
Southwest Public	30.5	16.7	.13	0	20	27	40	60	17,978	1.7	.053	.103
Carnegie Class	31.0	16.9	.13	0	20	33	40	60	17,122	1.2	.186	.070
NSSE 2021 & 2022	30.9	16.6	.05	0	20	33	40	60	126,295	1.3	.127	.080
Top 50%	32.4	16.5	.07	7	20	33	40	60	63,757	-.3	.760	-.016
Top 10%	35.3	16.0	.19	7	20	33	47	60	7,780	-3.2	.000	-.197
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
A&M Commerce (N = 402)	26.0	17.3	.86	0	15	25	40	60				
Southwest Public	28.3	16.3	.11	0	15	25	40	60	415	-2.2	.012	-.135
Carnegie Class	26.2	17.0	.12	0	15	25	40	60	19,559	-.1	.886	-.007
NSSE 2021 & 2022	29.0	16.2	.04	0	20	30	40	60	403	-2.9	.001	-.182
Top 50%	34.0	14.6	.07	10	25	35	45	60	406	-8.0	.000	-.546
Top 10%	37.9	13.7	.17	15	30	40	50	60	433	-11.8	.000	-.849
<b>Discussions with Diverse Others</b>												
A&M Commerce (N = 356)	39.0	17.9	.95	0	25	40	60	60				
Southwest Public	38.8	17.3	.13	5	25	40	55	60	17,790	.1	.879	.008
Carnegie Class	37.8	16.6	.13	10	25	40	50	60	16,945	1.2	.189	.070
NSSE 2021 & 2022	38.1	16.5	.05	10	25	40	50	60	125,172	.9	.320	.053
Top 50%	40.4	15.9	.07	15	30	40	55	60	358	-1.4	.128	-.091
Top 10%	43.2	15.1	.20	20	35	45	60	60	387	-4.3	.000	-.280

#### 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>												
A&M Commerce (N = 378)	23.3	17.4	.90	0	10	20	35	60				
Southwest Public	20.2	16.5	.12	0	5	15	30	55	391	3.0	.001	.183
Carnegie Class	21.9	16.6	.12	0	10	20	30	60	18,264	1.4	.109	.083
NSSE 2021 & 2022	22.5	16.3	.04	0	10	20	35	60	379	.8	.375	.049
Top 50%	28.8	16.2	.10	5	15	25	40	60	387	-5.5	.000	-.339
Top 10%	33.2	16.1	.29	10	20	35	45	60	3,532	-10.0	.000	-.613
<b>Effective Teaching Practices</b>												
A&M Commerce (N = 374)	40.1	15.6	.81	12	28	40	52	60				
Southwest Public	38.8	15.0	.11	12	28	40	52	60	18,781	1.3	.098	.086
Carnegie Class	41.0	14.5	.11	16	32	40	52	60	17,837	-.9	.225	-.063
NSSE 2021 & 2022	39.4	14.5	.04	16	28	40	52	60	132,116	.7	.359	.047
Top 50%	41.9	14.1	.07	16	32	40	56	60	379	-1.9	.023	-.132
Top 10%	44.5	13.6	.17	20	36	44	56	60	406	-4.4	.000	-.321
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
A&M Commerce (N = 299)	45.7	13.1	.76	20	40	48	56	60				
Southwest Public	42.9	13.3	.11	18	34	44	53	60	15,769	2.8	.000	.210
Carnegie Class	44.9	12.7	.10	20	38	48	55	60	15,164	.8	.278	.063
NSSE 2021 & 2022	43.0	12.7	.04	20	36	44	52	60	112,683	2.6	.000	.207
Top 50%	45.6	12.3	.06	22	38	48	56	60	44,112	.0	.965	.003
Top 10%	48.0	12.5	.11	22	40	50	60	60	13,462	-2.3	.001	-.186
<b>Supportive Environment</b>												
A&M Commerce (N = 343)	35.9	15.2	.82	10	25	38	48	60				
Southwest Public	32.0	15.1	.12	8	20	33	40	60	17,265	3.9	.000	.258
Carnegie Class	31.8	15.2	.12	8	20	33	43	60	16,455	4.1	.000	.270
NSSE 2021 & 2022	31.5	14.7	.04	8	20	31	40	60	121,771	4.3	.000	.293
Top 50%	34.2	14.7	.07	10	23	35	45	60	40,933	1.6	.043	.110
Top 10%	37.4	14.5	.23	13	28	38	48	60	4,412	-1.6	.056	-.107

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.