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# NSSE 2014

## Engagement Indicators

University of San Francisco

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### About Your Engagement Indicators Report

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

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 first-year and senior 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.
  - Summary of Indicator Items**  
Responses to each item in a given EI are displayed 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 2013 and 2014 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. An effect size of .2 is generally considered small, .5 medium, and .8 large. 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—Institution Version 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 Web site: [nsse.iub.edu](http://nsse.iub.edu)

## 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 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

<i>Theme</i>	<i>Engagement Indicator</i>	<b>Your first-year students</b> compared with Jesuit 2014	<b>Your first-year students</b> compared with Carnegie Class	<b>Your first-year students</b> compared with NSSE 2013 & 2014
<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>	<b>Your seniors</b> compared with Jesuit 2014	<b>Your seniors</b> compared with Carnegie Class	<b>Your seniors</b> compared with NSSE 2013 & 2014
<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

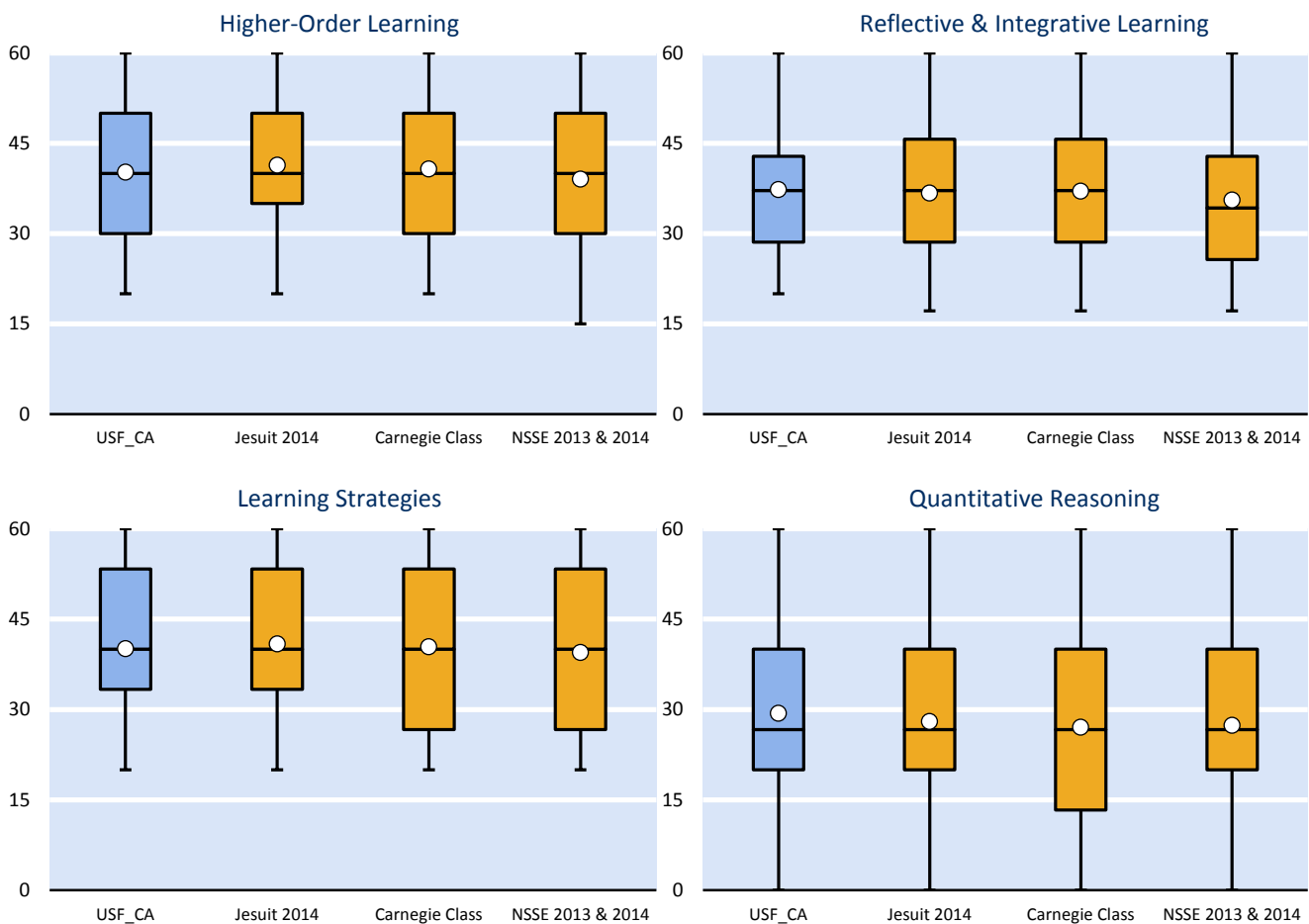
Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme: *Higher-Order Learning*, *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	USF_CA Mean	Your first-year students compared with					
		Jesuit 2014		Carnegie Class		NSSE 2013 & 2014	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Higher-Order Learning	40.2	41.3	-.09	40.7	-.04	39.0	.08
Reflective & Integrative Learning	37.3	36.7	.05	37.0	.02	35.6 *	.14
Learning Strategies	40.1	40.9	-.06	40.4	-.03	39.5	.04
Quantitative Reasoning	29.4	28.0	.09	27.1 *	.14	27.4 *	.12

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





































































### 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)

### Summary of Indicator Items

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
<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	72 	78 	76 	73 
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	78 	80 	77 	72 
4d. Evaluating a point of view, decision, or information source	73 	77 	76 	70 
4e. Forming a new idea or understanding from various pieces of information	70 	74 	73 	69 
<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	57 	57 	59 	56 
2b. Connected your learning to societal problems or issues	61 	57 	58 	53 
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	60 	56 	56 	50 
2d. Examined the strengths and weaknesses of your own views on a topic or issue	70 	64 	66 	63 
2e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	66 	67 	69 	66 
2f. Learned something that changed the way you understand an issue or concept	75 	70 	68 	65 
2g. Connected ideas from your courses to your prior experiences and knowledge	79 	80 	80 	77 
<b>Learning Strategies</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
9a. Identified key information from reading assignments	84 	86 	83 	80 
9b. Reviewed your notes after class	67 	65 	66 	65 
9c. Summarized what you learned in class or from course materials	66 	67 	66 	63 
<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.)	54 	52 	51 	52 
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	46 	40 	39 	38 
6c. Evaluated what others have concluded from numerical information	42 	41 	38 	37 

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 Web site.

### Academic Challenge: Seniors

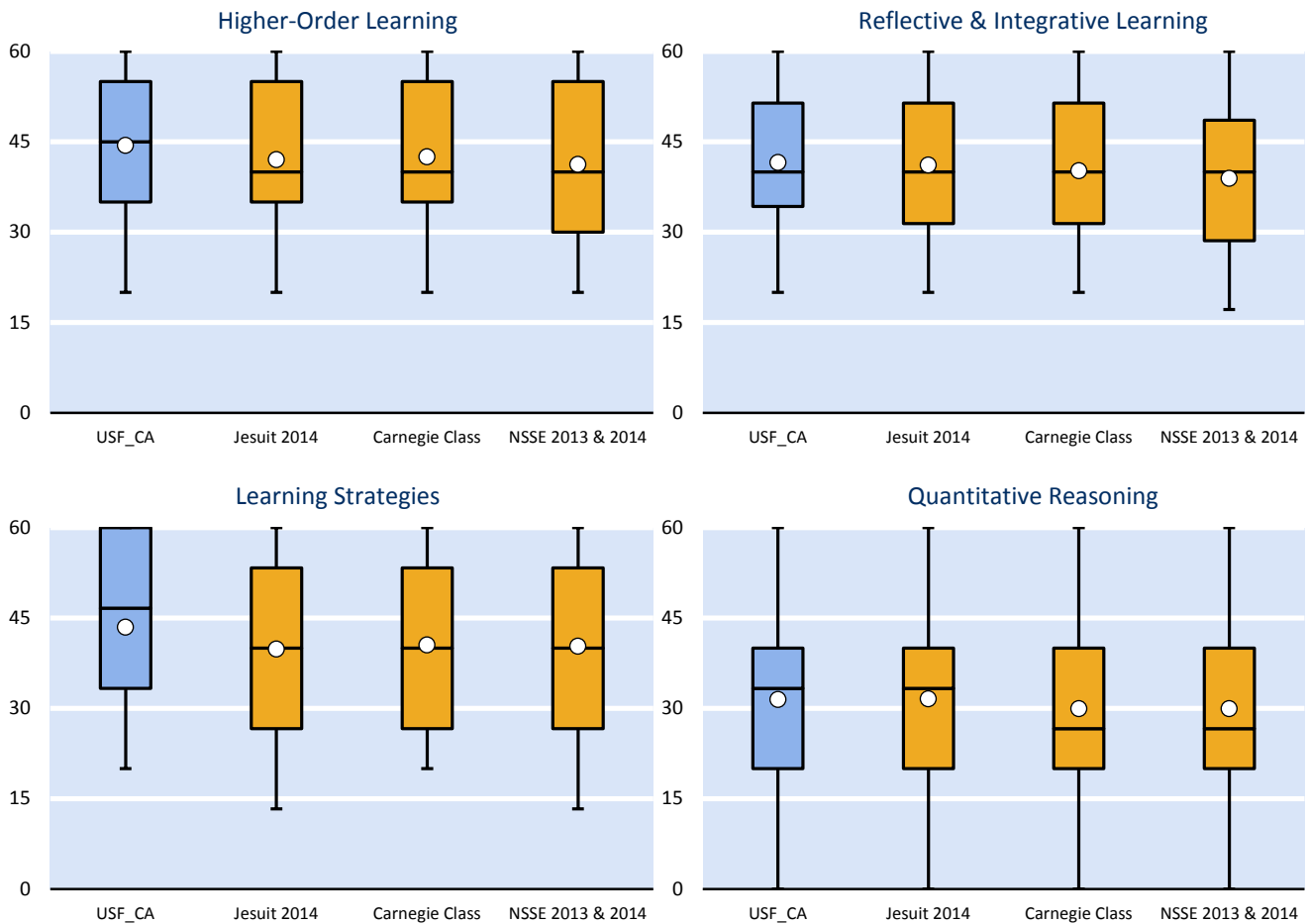
Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote student learning by challenging and supporting them to engage in various forms of deep learning. Four Engagement Indicators are part of this theme: *Higher-Order Learning*, *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	USF_CA Mean	Your seniors compared with					
		Jesuit 2014		Carnegie Class		NSSE 2013 & 2014	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Higher-Order Learning	44.4	42.0 **	.18	42.5 **	.14	41.2 ***	.22
Reflective & Integrative Learning	41.6	41.1	.03	40.2 *	.11	38.9 ***	.20
Learning Strategies	43.5	39.8 ***	.26	40.5 ***	.21	40.3 ***	.21
Quantitative Reasoning	31.5	31.6	-.01	29.9	.09	29.9	.09

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



























































#### 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)

### Summary of Indicator Items

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
<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	86 	81 	81 	80 
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	85 	81 	81 	78 
4d. Evaluating a point of view, decision, or information source	81 	76 	77 	72 
4e. Forming a new idea or understanding from various pieces of information	77 	75 	76 	72 
<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	77 	75 	73 	72 
2b. Connected your learning to societal problems or issues	74 	71 	69 	64 
2c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	67 	65 	62 	55 
2d. Examined the strengths and weaknesses of your own views on a topic or issue	72 	72 	70 	66 
2e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	79 	75 	73 	70 
2f. Learned something that changed the way you understand an issue or concept	80 	77 	72 	70 
2g. Connected ideas from your courses to your prior experiences and knowledge	87 	87 	85 	84 
<b>Learning Strategies</b>				
<i>Percentage of students who responded that they "Very often" or "Often"...</i>				
9a. Identified key information from reading assignments	89 	86 	85 	83 
9b. Reviewed your notes after class	69 	59 	63 	63 
9c. Summarized what you learned in class or from course materials	74 	64 	65 	66 
<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.)	58 	56 	54 	55 
6b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	47 	49 	45 	44 
6c. Evaluated what others have concluded from numerical information	52 	52 	45 	44 

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 Web site.

## Learning with Peers: First-year students

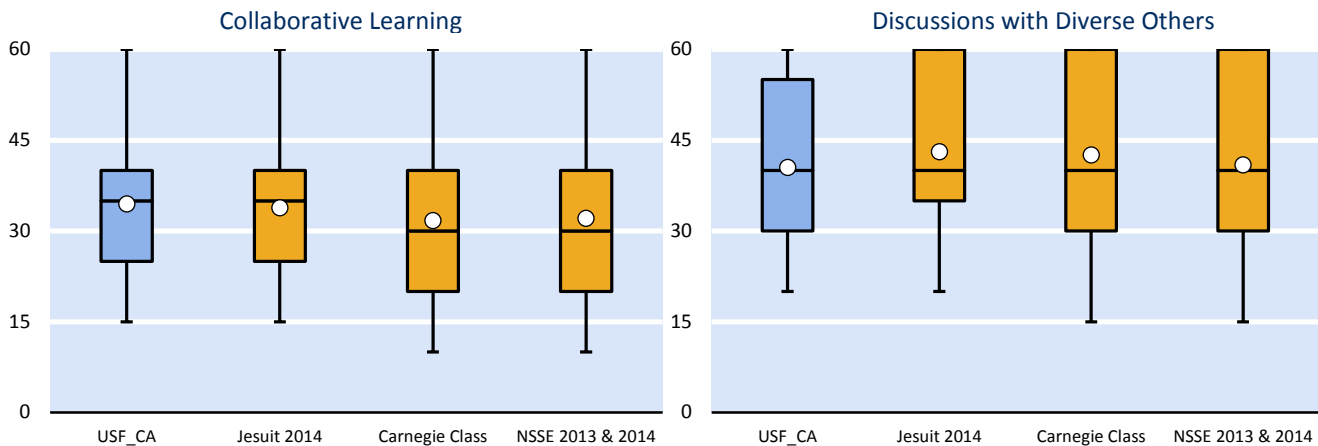
Collaborating with others in mastering difficult material and developing interpersonal and social competence prepare students to deal with complex, unscripted problems they will encounter during and after college. Two Engagement Indicators make up this theme: *Collaborative Learning* and *Discussions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

### Mean Comparisons

Engagement Indicator	USF_CA Mean	Your first-year students compared with					
		Jesuit 2014		Carnegie Class		NSSE 2013 & 2014	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Collaborative Learning	34.4	33.8	.05	31.7 ***	.20	32.1 **	.17
Discussions with Diverse Others	40.5	43.0 **	-.18	42.5 *	-.13	40.9	-.03

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

### 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.

### Summary of Indicator Items

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
<b>Collaborative Learning</b>				
Percentage of students who responded that they "Very often" or "Often"...				
1e. Asked another student to help you understand course material	54	53	44	49
1f. Explained course material to one or more students	61	61	56	57
1g. Prepared for exams by discussing or working through course material with other students	53	56	48	49
1h. Worked with other students on course projects or assignments	60	55	52	52
<b>Discussions with Diverse Others</b>				
Percentage of students who responded that they "Very often" or "Often" had discussions with...				
8a. People from a race or ethnicity other than your own	76	78	76	71
8b. People from an economic background other than your own	70	76	77	73
8c. People with religious beliefs other than your own	68	73	71	69
8d. People with political views other than your own	60	71	70	69

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 Web site.



## Learning with Peers: Seniors

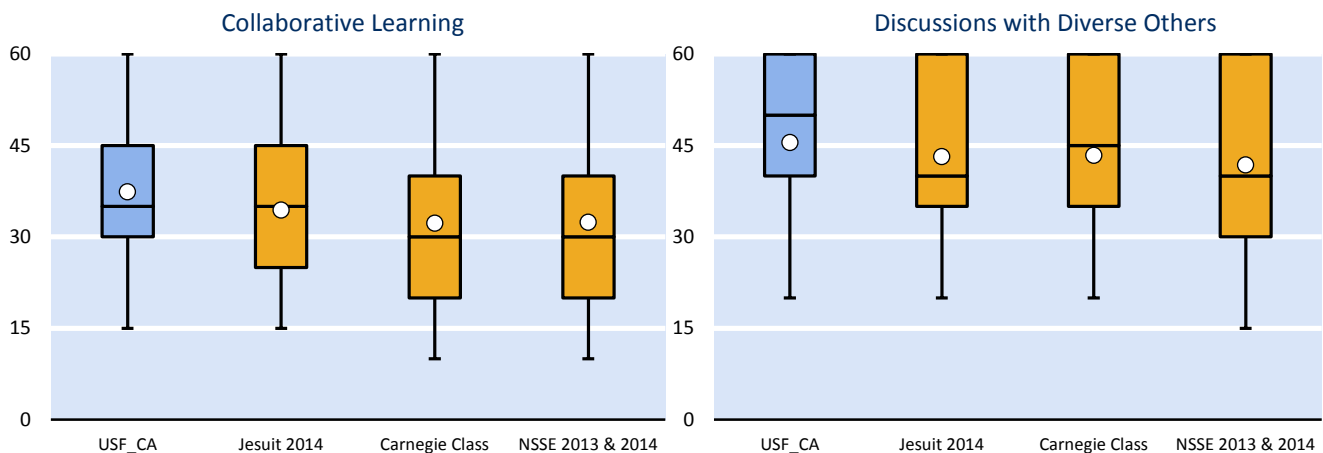
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### Mean Comparisons

Engagement Indicator	USF_CA Mean	Your seniors compared with					
		Jesuit 2014		Carnegie Class		NSSE 2013 & 2014	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Collaborative Learning	37.4	34.4 ***	.22	32.2 ***	.37	32.4 ***	.34
Discussions with Diverse Others	45.5	43.2 **	.16	43.4 **	.14	41.8 ***	.23

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

### Score Distributions



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### Summary of Indicator Items

#### Collaborative Learning

Percentage of students who responded that they "Very often" or "Often"...

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
1e. Asked another student to help you understand course material	55	45	37	40
1f. Explained course material to one or more students	68	63	57	58
1g. Prepared for exams by discussing or working through course material with other students	60	52	46	46
1h. Worked with other students on course projects or assignments	73	67	65	64

#### Discussions with Diverse Others

Percentage of students who responded that they "Very often" or "Often" had discussions with...

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
8a. People from a race or ethnicity other than your own	86	77	77	73
8b. People from an economic background other than your own	84	78	77	75
8c. People with religious beliefs other than your own	80	74	72	70
8d. People with political views other than your own	70	74	73	71

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 Web site.

## Experiences with Faculty: First-year students

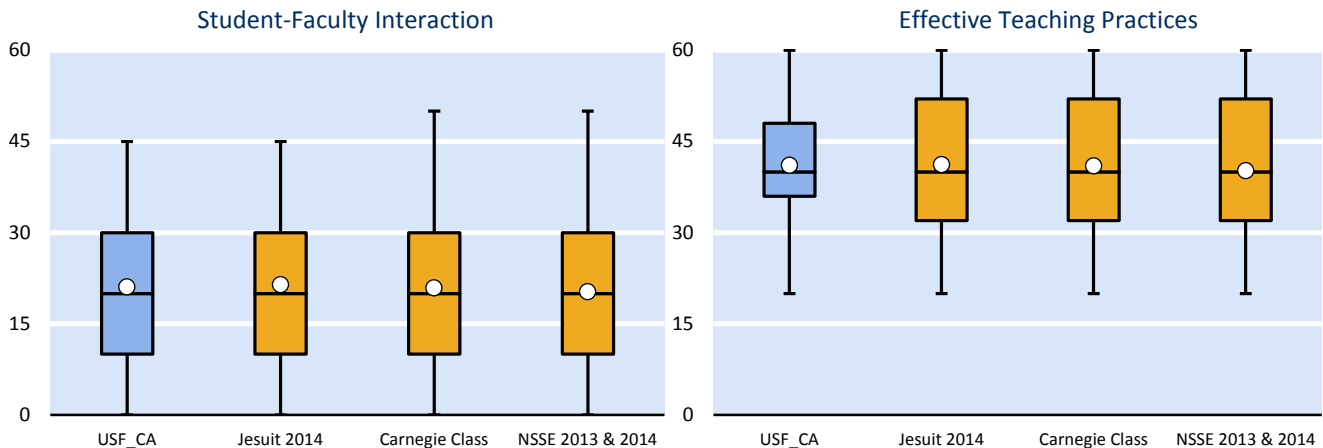
Students learn firsthand how experts think about and solve problems by interacting with faculty members inside and outside of instructional settings. As a result, faculty become role models, mentors, and guides for lifelong learning. In addition, effective teaching requires that faculty deliver course 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	USF_CA Mean	Your first-year students compared with					
		Jesuit 2014		Carnegie Class		NSSE 2013 & 2014	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Student-Faculty Interaction	21.1	21.4	-.03	20.9	.01	20.3	.05
Effective Teaching Practices	41.1	41.2	-.01	41.0	.01	40.2	.07

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

### 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.

### Summary of Indicator Items

#### Student-Faculty Interaction

Percentage of students who responded that they "Very often" or "Often"...

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
3a. Talked about career plans with a faculty member	31	31	33	32
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	20	18	19	19
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	28	29	26	25
3d. Discussed your academic performance with a faculty member	33	30	30	29

#### Effective Teaching Practices

Percentage responding "Very much" or "Quite a bit" about how much instructors have...

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
5a. Clearly explained course goals and requirements	81	82	82	81
5b. Taught course sessions in an organized way	81	82	80	79
5c. Used examples or illustrations to explain difficult points	78	79	78	77
5d. Provided feedback on a draft or work in progress	74	68	69	65
5e. Provided prompt and detailed feedback on tests or completed assignments	72	69	66	63

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 Web site.

## Experiences with Faculty: Seniors

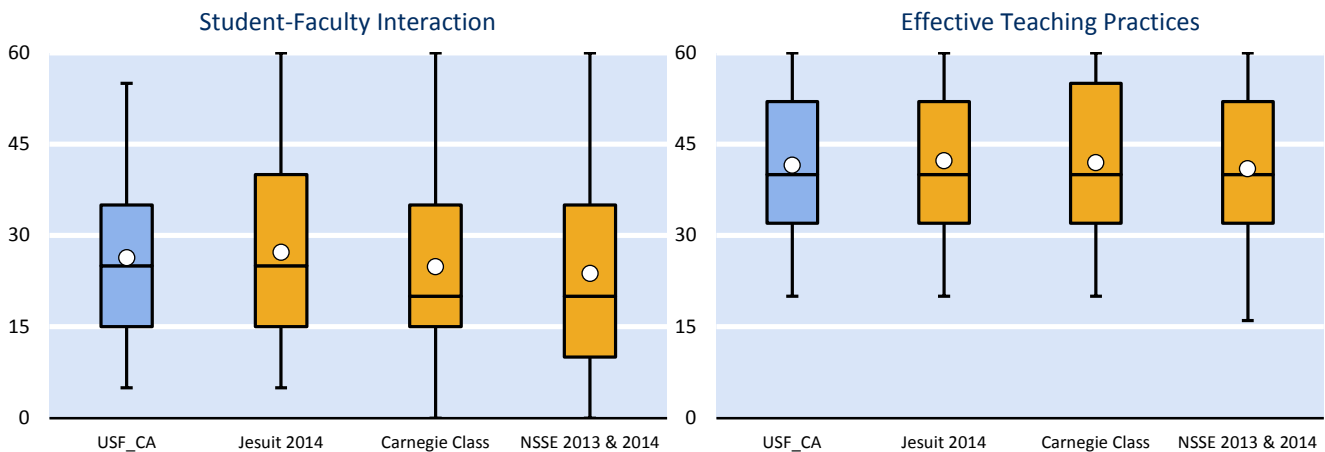
Students learn firsthand how experts think about and solve problems by interacting with faculty members inside and outside of instructional settings. As a result, faculty become role models, mentors, and guides for lifelong learning. In addition, effective teaching requires that faculty deliver course 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	USF_CA Mean	Your seniors compared with					
		Jesuit 2014		Carnegie Class		NSSE 2013 & 2014	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Student-Faculty Interaction	26.3	27.2	-.06	24.8	.09	23.7 ***	.16
Effective Teaching Practices	41.5	42.3	-.06	41.9	-.03	40.9	.04

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

### 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.

### Summary of Indicator Items

#### Student-Faculty Interaction

Percentage of students who responded that they "Very often" or "Often"...

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
3a. Talked about career plans with a faculty member	44	50	47	42
3b. Worked w/faculty on activities other than coursework (committees, student groups, etc.)	30	34	28	26
3c. Discussed course topics, ideas, or concepts with a faculty member outside of class	41	41	35	33
3d. Discussed your academic performance with a faculty member	41	36	35	33

#### Effective Teaching Practices

Percentage responding "Very much" or "Quite a bit" about how much instructors have...

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
5a. Clearly explained course goals and requirements	85	86	84	83
5b. Taught course sessions in an organized way	82	84	82	81
5c. Used examples or illustrations to explain difficult points	84	84	81	79
5d. Provided feedback on a draft or work in progress	67	66	65	62
5e. Provided prompt and detailed feedback on tests or completed assignments	66	73	70	67

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 Web site.

### Campus Environment: First-year students

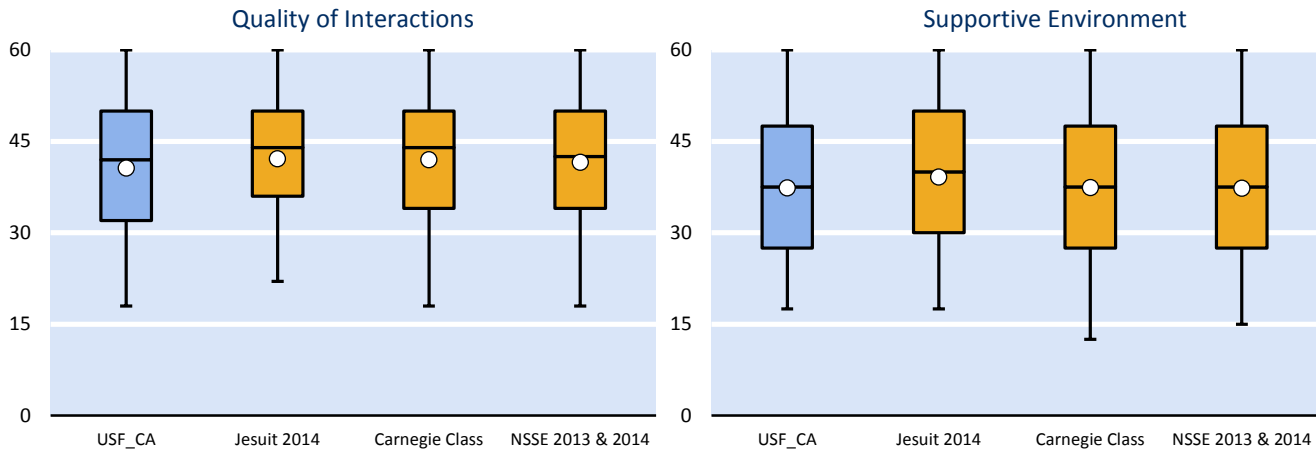
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment*. Below are three views of your results alongside those of your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

#### Mean Comparisons

Engagement Indicator	USF_CA Mean	Your first-year students compared with					
		Jesuit 2014		Carnegie Class		NSSE 2013 & 2014	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Quality of Interactions	40.6	42.1	-.13	42.0	-.11	41.5	-.07
Supportive Environment	37.4	39.1	-.13	37.4	.00	37.3	.00

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

#### 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.

#### Summary of Indicator Items

##### Quality of Interactions

Percentage rating a 6 or 7 on a scale from 1="Poor" to 7="Excellent" their interactions with...

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
13a. Students	54	62	60	59
13b. Academic advisors	44	47	50	48
13c. Faculty	48	54	53	50
13d. Student services staff (career services, student activities, housing, etc.)	39	43	45	43
13e. Other administrative staff and offices (registrar, financial aid, etc.)	38	39	42	41

##### Supportive Environment

Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
14b. Providing support to help students succeed academically	75	82	78	78
14c. Using learning support services (tutoring services, writing center, etc.)	79	82	76	78
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	66	67	62	59
14e. Providing opportunities to be involved socially	68	77	73	73
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	66	76	70	72
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	47	46	44	44
14h. Attending campus activities and events (performing arts, athletic events, etc.)	66	69	68	68
14i. Attending events that address important social, economic, or political issues	63	61	58	53

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 Web site.

### Campus Environment: Seniors

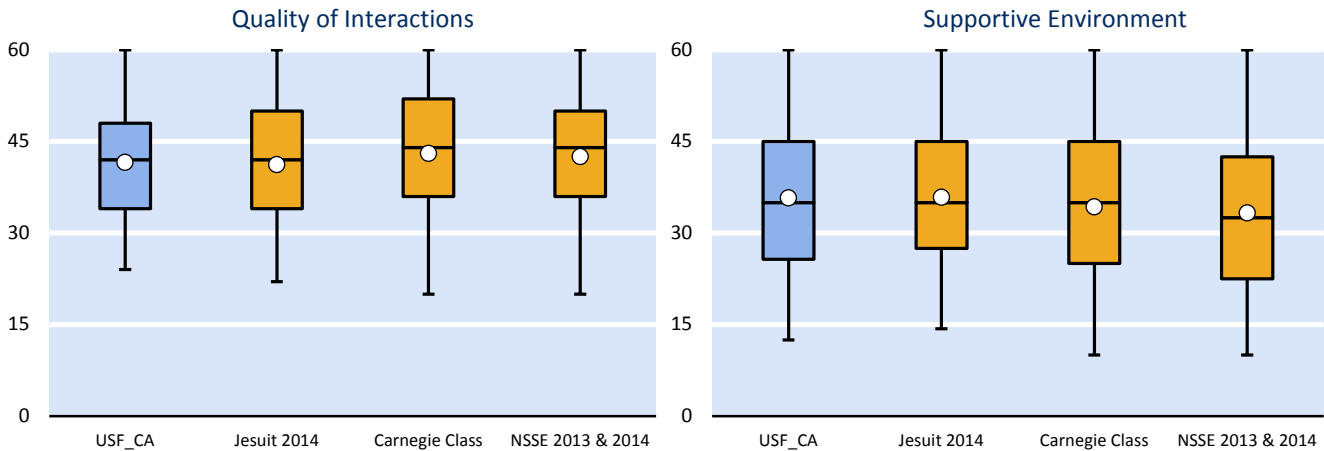
Students benefit and are more satisfied in supportive settings that cultivate positive relationships among students, faculty, and staff. Two Engagement Indicators investigate this theme: *Quality of Interactions* and *Supportive Environment*. Below are three views of your results alongside those of your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

#### Mean Comparisons

Engagement Indicator	USF_CA Mean	Your seniors compared with					
		Jesuit 2014		Carnegie Class		NSSE 2013 & 2014	
		Mean	Effect size	Mean	Effect size	Mean	Effect size
Quality of Interactions	41.6	41.2	.03	43.0 *	-.12	42.5	-.08
Supportive Environment	35.7	35.9	-.01	34.3	.10	33.3 **	.17

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

#### 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.

#### Summary of Indicator Items

##### Quality of Interactions

Percentage rating a 6 or 7 on a scale from 1="Poor" to 7="Excellent" their interactions with...

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
13a. Students	59	64	64	64
13b. Academic advisors	48	45	53	52
13c. Faculty	62	63	63	60
13d. Student services staff (career services, student activities, housing, etc.)	39	36	44	42
13e. Other administrative staff and offices (registrar, financial aid, etc.)	32	33	44	42

##### Supportive Environment

Percentage responding "Very much" or "Quite a bit" about how much the institution emphasized...

	USF_CA	Jesuit 2014	Carnegie Class	NSSE 2013 & 2014
14b. Providing support to help students succeed academically	79	75	73	72
14c. Using learning support services (tutoring services, writing center, etc.)	70	70	69	67
14d. Encouraging contact among students from diff. backgrounds (soc., racial/eth., relig., etc.)	67	60	59	53
14e. Providing opportunities to be involved socially	68	73	68	66
14f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	67	69	61	63
14g. Helping you manage your non-academic responsibilities (work, family, etc.)	36	36	34	32
14h. Attending campus activities and events (performing arts, athletic events, etc.)	59	63	59	57
14i. Attending events that address important social, economic, or political issues	62	59	52	46

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 Web site.

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### Comparisons with Top 50% and Top 10% Institutions

The results below compare the engagement of your first-year and senior 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 2013 and 2014 NSSE institutions, and
- (b) institutions with average scores placing them in the top 10% of all 2013 and 2014 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 absence of a significant difference between your score and that of the high-performing group does not 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.

<b>First-Year Students</b>		USF_CA	Your first-year students compared with						
<i>Theme</i>	<i>Engagement Indicator</i>		<i>Mean</i>	NSSE Top 50%			NSSE Top 10%		
				<i>Mean</i>	<i>Effect size</i>	✓	<i>Mean</i>	<i>Effect size</i>	✓
<i>Academic Challenge</i>	Higher-Order Learning	40.2	40.6	-.03	✓	42.7 **	-.18		
	Reflective and Integrative Learning	37.3	37.3	.00	✓	39.3 **	-.16		
	Learning Strategies	40.1	41.2	-.08	✓	43.4 ***	-.24		
	Quantitative Reasoning	29.4	28.8	.04	✓	30.6	-.08 ✓		
<i>Learning with Peers</i>	Collaborative Learning	34.4	34.7	-.02	✓	37.0 **	-.19		
	Discussions with Diverse Others	40.5	43.2 **	-.18		45.6 ***	-.35		
<i>Experiences with Faculty</i>	Student-Faculty Interaction	21.1	23.3 **	-.15		26.9 ***	-.36		
	Effective Teaching Practices	41.1	42.4	-.10	✓	44.6 ***	-.27		
<i>Campus Environment</i>	Quality of Interactions	40.6	44.0 ***	-.30		46.0 ***	-.47		
	Supportive Environment	37.4	39.4 *	-.15		41.4 ***	-.31		

<b>Seniors</b>		USF_CA	Your seniors compared with						
<i>Theme</i>	<i>Engagement Indicator</i>		<i>Mean</i>	NSSE Top 50%			NSSE Top 10%		
				<i>Mean</i>	<i>Effect size</i>	✓	<i>Mean</i>	<i>Effect size</i>	✓
<i>Academic Challenge</i>	Higher-Order Learning	44.4	43.3	.08	✓	45.3	-.07 ✓		
	Reflective and Integrative Learning	41.6	41.1	.04	✓	43.1 *	-.12		
	Learning Strategies	43.5	42.5	.07	✓	44.9	-.10 ✓		
	Quantitative Reasoning	31.5	31.3	.01	✓	33.0	-.09 ✓		
<i>Learning with Peers</i>	Collaborative Learning	37.4	35.4 **	.15	✓	37.7	-.03 ✓		
	Discussions with Diverse Others	45.5	43.9 *	.10	✓	45.8	-.02 ✓		
<i>Experiences with Faculty</i>	Student-Faculty Interaction	26.3	29.5 ***	-.20		34.4 ***	-.50		
	Effective Teaching Practices	41.5	43.1 *	-.11		45.1 ***	-.27		
<i>Campus Environment</i>	Quality of Interactions	41.6	45.3 ***	-.33		47.4 ***	-.50		
	Supportive Environment	35.7	36.1	-.03	✓	39.0 ***	-.24		

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

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 2013 and 2014 institutions, separately for first-year and senior students. 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.

#### Detailed Statistics: First-Year Students

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <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>												
USF_CA (N = 265)	40.2	13.2	.81	20	30	40	50	60				
Jesuit 2014	41.3	13.0	.25	20	35	40	50	60	2,935	-1.2	.164	-.090
Carnegie Class	40.7	13.6	.17	20	30	40	50	60	6,639	-.5	.549	-.038
NSSE 2013 & 2014	39.0	13.8	.03	15	30	40	50	60	217,301	1.1	.179	.083
Top 50%	40.6	13.6	.04	20	30	40	50	60	107,283	-.4	.634	-.029
Top 10%	42.7	13.6	.10	20	35	40	55	60	20,103	-2.5	.003	-.184
<b>Reflective &amp; Integrative Learning</b>												
USF_CA (N = 276)	37.3	11.1	.67	20	29	37	43	60				
Jesuit 2014	36.7	12.6	.24	17	29	37	46	60	348	.6	.429	.045
Carnegie Class	37.0	12.3	.15	17	29	37	46	60	303	.3	.687	.023
NSSE 2013 & 2014	35.6	12.6	.03	17	26	34	43	60	276	1.7	.011	.137
Top 50%	37.3	12.5	.04	17	29	37	46	60	276	.0	.995	.000
Top 10%	39.3	12.6	.08	20	31	40	49	60	283	-2.0	.004	-.156
<b>Learning Strategies</b>												
USF_CA (N = 252)	40.1	13.3	.84	20	33	40	53	60				
Jesuit 2014	40.9	13.7	.27	20	33	40	53	60	2,763	-.8	.366	-.060
Carnegie Class	40.4	14.1	.18	20	27	40	53	60	6,186	-.4	.687	-.026
NSSE 2013 & 2014	39.5	14.2	.03	20	27	40	53	60	252	.6	.465	.043
Top 50%	41.2	14.0	.05	20	33	40	53	60	253	-1.1	.172	-.082
Top 10%	43.4	14.0	.10	20	33	40	60	60	258	-3.3	.000	-.239
<b>Quantitative Reasoning</b>												
USF_CA (N = 272)	29.4	15.3	.93	0	20	27	40	60				
Jesuit 2014	28.0	16.4	.32	0	20	27	40	60	337	1.4	.153	.086
Carnegie Class	27.1	16.8	.21	0	13	27	40	60	299	2.3	.016	.138
NSSE 2013 & 2014	27.4	16.4	.03	0	20	27	40	60	271	2.0	.028	.124
Top 50%	28.8	16.3	.04	0	20	27	40	60	272	.6	.512	.037
Top 10%	30.6	16.2	.09	0	20	27	40	60	276	-1.2	.183	-.077
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
USF_CA (N = 287)	34.4	13.2	.78	15	25	35	40	60				
Jesuit 2014	33.8	13.7	.26	15	25	35	40	60	3,140	.6	.461	.046
Carnegie Class	31.7	13.7	.17	10	20	30	40	60	7,113	2.7	.001	.200
NSSE 2013 & 2014	32.1	14.1	.03	10	20	30	40	60	232,342	2.4	.004	.168
Top 50%	34.7	13.7	.04	15	25	35	45	60	130,599	-.3	.739	-.020
Top 10%	37.0	13.6	.08	15	25	35	45	60	30,045	-2.6	.001	-.192
<b>Discussions with Diverse Others</b>												
USF_CA (N = 259)	40.5	15.1	.94	20	30	40	55	60				
Jesuit 2014	43.0	14.7	.29	20	35	40	60	60	2,780	-2.6	.007	-.175
Carnegie Class	42.5	15.4	.20	15	30	40	60	60	6,291	-2.0	.036	-.133
NSSE 2013 & 2014	40.9	16.0	.04	15	30	40	60	60	203,871	-.4	.661	-.027
Top 50%	43.2	15.4	.04	20	35	45	60	60	119,695	-2.8	.004	-.180
Top 10%	45.6	14.8	.09	20	40	50	60	60	25,220	-5.2	.000	-.348



#### Detailed Statistics: First-Year Students

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <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>												
USF_CA (N = 270)	21.1	13.8	.84	0	10	20	30	45				
Jesuit 2014	21.4	13.5	.26	0	10	20	30	45	2,975	-.4	.665	-.028
Carnegie Class	20.9	14.3	.18	0	10	20	30	50	6,786	.1	.869	.010
NSSE 2013 & 2014	20.3	14.6	.03	0	10	20	30	50	221,621	.8	.383	.053
Top 50%	23.3	15.0	.05	0	10	20	30	55	271	-2.3	.007	-.152
Top 10%	26.9	16.2	.14	5	15	25	40	60	285	-5.9	.000	-.364
<b>Effective Teaching Practices</b>												
USF_CA (N = 274)	41.1	11.9	.72	20	36	40	48	60				
Jesuit 2014	41.2	12.5	.24	20	32	40	52	60	2,999	-.1	.920	-.006
Carnegie Class	41.0	13.2	.16	20	32	40	52	60	302	.1	.904	.007
NSSE 2013 & 2014	40.2	13.3	.03	20	32	40	52	60	274	.9	.200	.070
Top 50%	42.4	13.2	.04	20	32	44	52	60	275	-1.3	.075	-.097
Top 10%	44.6	13.3	.10	20	36	44	56	60	284	-3.6	.000	-.268
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
USF_CA (N = 247)	40.6	12.8	.82	18	32	42	50	60				
Jesuit 2014	42.1	11.4	.23	22	36	44	50	60	287	-1.5	.079	-.129
Carnegie Class	42.0	12.4	.16	18	34	44	50	60	6,018	-1.4	.088	-.111
NSSE 2013 & 2014	41.5	12.4	.03	18	34	43	50	60	195,131	-.9	.240	-.075
Top 50%	44.0	11.4	.04	22	38	46	52	60	247	-3.4	.000	-.296
Top 10%	46.0	11.6	.09	24	40	48	55	60	253	-5.4	.000	-.466
<b>Supportive Environment</b>												
USF_CA (N = 239)	37.4	13.3	.86	18	28	38	48	60				
Jesuit 2014	39.1	13.3	.27	18	30	40	50	60	2,611	-1.7	.053	-.131
Carnegie Class	37.4	13.9	.19	13	28	38	48	60	5,816	.0	.966	-.003
NSSE 2013 & 2014	37.3	13.8	.03	15	28	38	48	60	187,736	.1	.942	.005
Top 50%	39.4	13.2	.04	18	30	40	50	60	96,333	-2.0	.018	-.154
Top 10%	41.4	12.8	.09	20	33	40	53	60	21,212	-4.0	.000	-.311

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 is the range of values that is 95% likely to contain the true population mean, equal to the sample mean +/- 1.96 \* SEM.

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>	SEM <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>												
USF_CA (N = 393)	44.4	12.5	.63	20	35	45	55	60				
Jesuit 2014	42.0	13.3	.26	20	35	40	55	60	3,075	2.3	.001	.177
Carnegie Class	42.5	13.7	.16	20	35	40	55	60	7,606	1.9	.008	.138
NSSE 2013 & 2014	41.2	14.1	.03	20	30	40	55	60	261,649	3.2	.000	.224
Top 50%	43.3	13.7	.04	20	35	40	55	60	104,008	1.1	.109	.081
Top 10%	45.3	13.6	.09	20	40	45	60	60	25,564	-.9	.199	-.065
<b>Reflective &amp; Integrative Learning</b>												
USF_CA (N = 404)	41.6	11.8	.59	20	34	40	51	60				
Jesuit 2014	41.1	12.6	.24	20	31	40	51	60	3,199	.4	.520	.034
Carnegie Class	40.2	12.7	.15	20	31	40	51	60	455	1.4	.022	.109
NSSE 2013 & 2014	38.9	13.0	.02	17	29	40	49	60	405	2.6	.000	.203
Top 50%	41.1	12.6	.04	20	31	40	51	60	407	.5	.391	.040
Top 10%	43.1	12.5	.08	20	34	43	54	60	420	-1.5	.012	-.120
<b>Learning Strategies</b>												
USF_CA (N = 377)	43.5	13.3	.69	20	33	47	60	60				
Jesuit 2014	39.8	14.4	.28	13	27	40	53	60	2,948	3.7	.000	.256
Carnegie Class	40.5	14.6	.18	20	27	40	53	60	7,221	3.0	.000	.205
NSSE 2013 & 2014	40.3	14.8	.03	13	27	40	53	60	247,543	3.2	.000	.213
Top 50%	42.5	14.5	.04	20	33	40	60	60	379	1.0	.143	.070
Top 10%	44.9	14.1	.08	20	33	47	60	60	32,584	-1.4	.055	-.099
<b>Quantitative Reasoning</b>												
USF_CA (N = 407)	31.5	16.4	.81	0	20	33	40	60				
Jesuit 2014	31.6	17.5	.33	0	20	33	40	60	554	-.1	.906	-.006
Carnegie Class	29.9	17.6	.21	0	20	27	40	60	460	1.6	.063	.089
NSSE 2013 & 2014	29.9	17.4	.03	0	20	27	40	60	408	1.6	.056	.090
Top 50%	31.3	17.2	.04	0	20	33	40	60	161,551	.2	.857	.009
Top 10%	33.0	16.9	.08	0	20	33	47	60	40,729	-1.6	.064	-.092
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
USF_CA (N = 407)	37.4	13.3	.66	15	30	35	45	60				
Jesuit 2014	34.4	13.6	.26	15	25	35	45	60	3,242	3.0	.000	.221
Carnegie Class	32.2	14.1	.16	10	20	30	40	60	8,090	5.2	.000	.368
NSSE 2013 & 2014	32.4	14.6	.03	10	20	30	40	60	408	5.0	.000	.344
Top 50%	35.4	13.8	.04	15	25	35	45	60	136,167	2.0	.003	.147
Top 10%	37.7	13.7	.08	15	30	40	50	60	27,207	-.3	.613	-.025
<b>Discussions with Diverse Others</b>												
USF_CA (N = 386)	45.5	14.5	.74	20	40	50	60	60				
Jesuit 2014	43.2	14.4	.28	20	35	40	60	60	2,981	2.3	.004	.159
Carnegie Class	43.4	15.3	.18	20	35	45	60	60	7,293	2.1	.009	.137
NSSE 2013 & 2014	41.8	16.1	.03	15	30	40	60	60	386	3.6	.000	.227
Top 50%	43.9	15.8	.04	20	35	45	60	60	387	1.6	.036	.098
Top 10%	45.8	15.4	.08	20	40	50	60	60	393	-.4	.627	-.023

#### Detailed Statistics: Seniors

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <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>												
USF_CA (N = 406)	26.3	15.3	.76	5	15	25	35	55				
Jesuit 2014	27.2	15.6	.30	5	15	25	40	60	3,141	-.9	.280	-.058
Carnegie Class	24.8	16.3	.19	0	15	20	35	60	7,776	1.5	.073	.091
NSSE 2013 & 2014	23.7	16.3	.03	0	10	20	35	60	406	2.6	.001	.158
Top 50%	29.5	16.1	.06	5	20	30	40	60	410	-3.2	.000	-.200
Top 10%	34.4	16.4	.18	10	20	35	45	60	449	-8.1	.000	-.495
<b>Effective Teaching Practices</b>												
USF_CA (N = 406)	41.5	12.4	.61	20	32	40	52	60				
Jesuit 2014	42.3	12.5	.24	20	32	40	52	60	3,168	-.7	.272	-.058
Carnegie Class	41.9	13.7	.16	20	32	40	55	60	461	-.4	.544	-.028
NSSE 2013 & 2014	40.9	13.7	.03	16	32	40	52	60	406	.6	.327	.044
Top 50%	43.1	13.6	.04	20	36	44	56	60	409	-1.5	.013	-.112
Top 10%	45.1	13.4	.11	20	36	48	60	60	429	-3.6	.000	-.269
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
USF_CA (N = 376)	41.6	10.5	.54	24	34	42	48	60				
Jesuit 2014	41.2	11.3	.22	22	34	42	50	60	2,941	.4	.529	.035
Carnegie Class	43.0	12.0	.15	20	36	44	52	60	431	-1.5	.010	-.122
NSSE 2013 & 2014	42.5	11.9	.02	20	36	44	50	60	376	-.9	.086	-.078
Top 50%	45.3	11.3	.04	24	38	48	54	60	84,078	-3.7	.000	-.325
Top 10%	47.4	11.6	.08	24	40	50	58	60	390	-5.8	.000	-.498
<b>Supportive Environment</b>												
USF_CA (N = 368)	35.7	13.6	.71	13	26	35	45	60				
Jesuit 2014	35.9	13.4	.27	14	28	35	45	60	2,875	-.1	.854	-.010
Carnegie Class	34.3	14.5	.18	10	25	35	45	60	6,887	1.4	.067	.098
NSSE 2013 & 2014	33.3	14.4	.03	10	23	33	43	60	235,877	2.5	.001	.171
Top 50%	36.1	13.8	.04	13	28	38	45	60	99,048	-.4	.613	-.026
Top 10%	39.0	13.3	.10	17	30	40	50	60	16,998	-3.2	.000	-.243

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 is the range of values that is 95% likely to contain the true population mean, equal to the sample mean +/- 1.96 \* SEM.

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.