



San Francisco State University
Institutional Research

2023

National Survey of Student Engagement (NSSE)

Snapshot Presentation

What Is the NSSE?

And Why Is It Important?

NSSE...

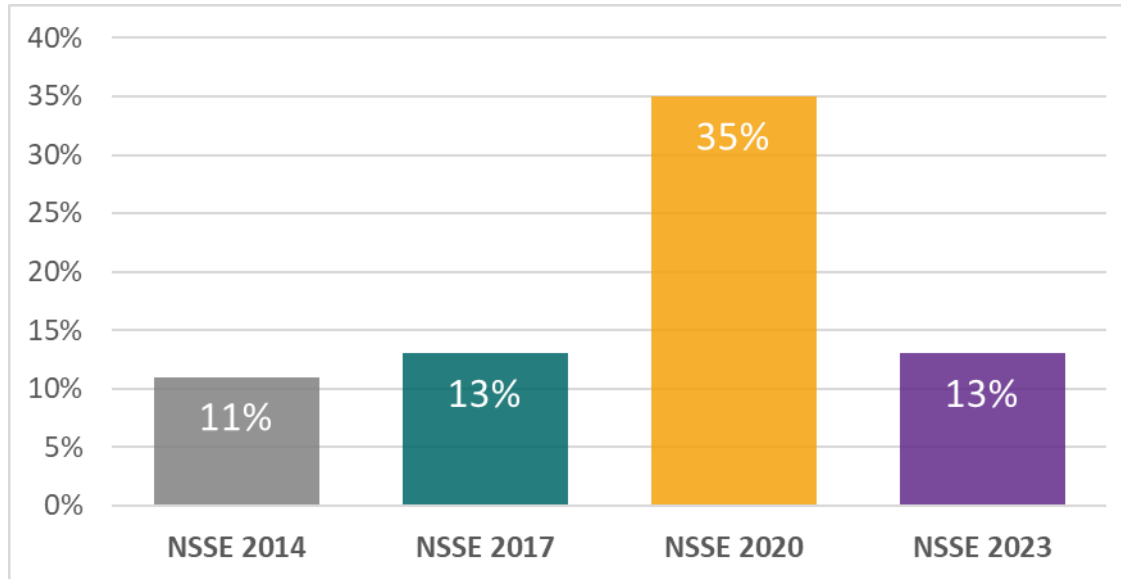
- Collects information about first-year and senior students' participation in programs and activities leading to their learning and personal development
- Captures student engagement in two areas
 - **10 Engagement Indicators**
 - **6 High-Impact Practices**
- Engagement is associated with
 - Learning
 - Satisfaction
 - Retention
- Addresses “Engagement & Well-Being” of 6 operational priorities in Graduation Initiative 2025
- Is administered every 3 years with 14 other CSU campuses

CSU Campuses Participating in NSSE 2023

- California Polytechnic State University-San Luis Obispo
- California State Polytechnic University-Pomona
- California State University-Bakersfield
- California State University-Channel Islands
- California State University-Chico
- California State University-Dominguez Hills
- California State University, Fullerton
- California State University-Long Beach
- California State University, Los Angeles
- California State University, Monterey Bay
- California State University, Sacramento
- California State University San Marcos
- California State University-Stanislaus
- San Francisco State University
- San Jose State University

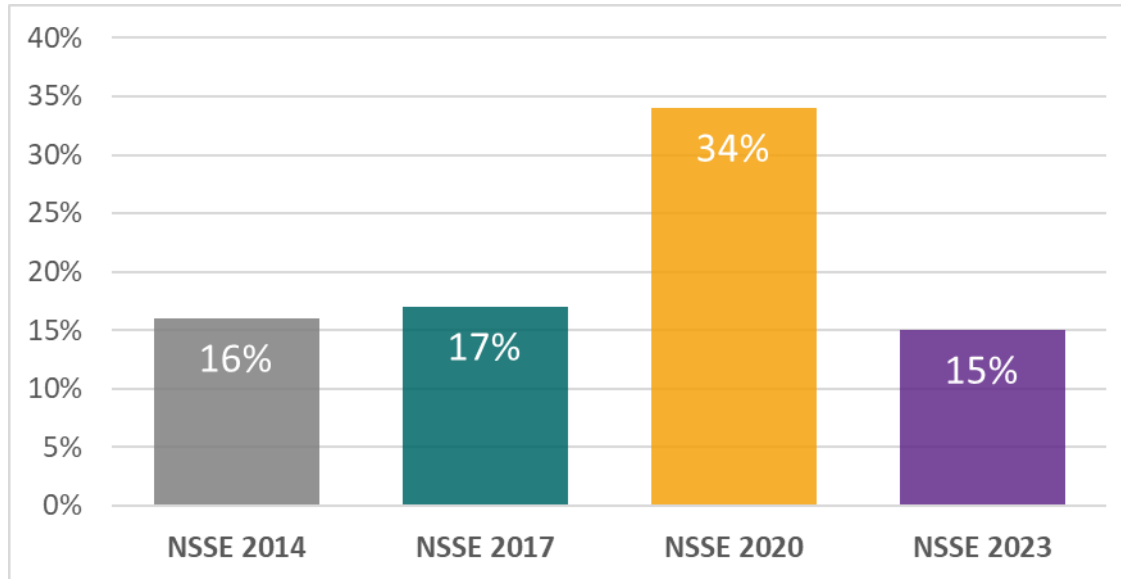
NSSE Student Sample

First-year Student Response Rate (n = 528)



NSSE Student Sample

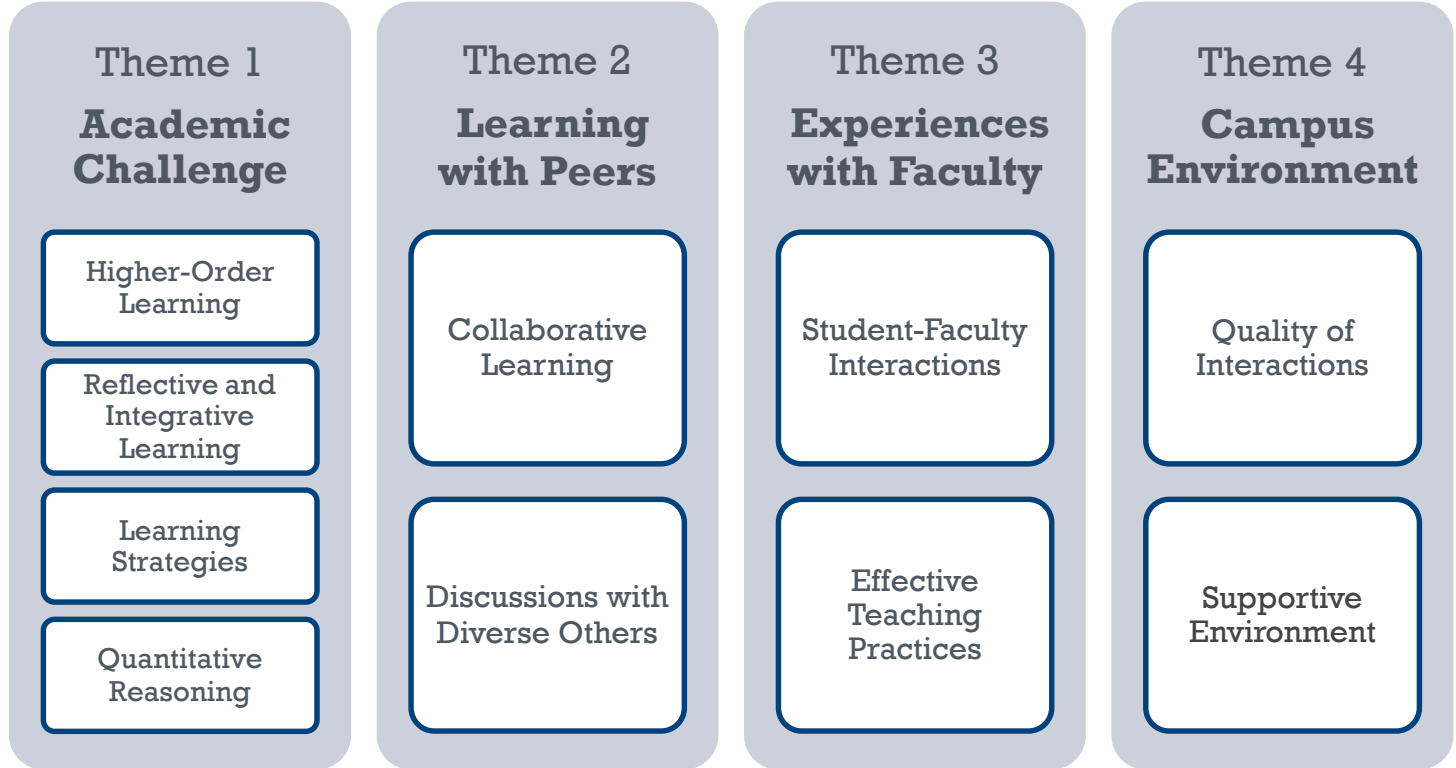
Senior Student Response Rate (n = 1,133)





Engagement Indicators

Engagement Indicators (EI)



Survey Question Example

Theme 1. Academic Challenge

1. Higher-Order Learning

How much has your coursework emphasized *evaluating a point of view, decision, or information source*?

2. Reflective and Integrative Learning

How often have you *connected your learning to societal problems or issues*?

3. Learning Strategies

How often have you *reviewed your notes after class*?

4. Quantitative Reasoning

How often have you *used numerical information to examine a real-world problem or issue*?

Theme 2. Learning with Peers

1. Collaborative Learning

How often have you *worked with other students on course projects or assignments*?

2. Discussions with Diverse Others

How often have you had discussions with *people from races or ethnicities other than your own*?

Survey Question Example (continued)

Theme 3. Experiences with Faculty

1. Student-Faculty Interactions

How often have you *discussed course topics, ideas, or concepts with a faculty member outside of class?*

3. Effective Teaching Practices

To what extent have your instructors *clearly explained course goals and requirements?*

Theme 4. Campus Environment

1. Quality of Interactions

Indicate the quality of your interactions with *academic advisors.*

2. Supportive Environment

How much does your institution emphasize *providing support to help students succeed academically?*

Keys in EI Summary Charts



The SF State 2023 result indicates a *descriptive* decrease from the SF State 2020.



The SF State 2023 result indicates a *descriptive* increase from the SF State 2020.

(- difference)***





The SF State 2023 result is *statistically* lower than CSU campuses' average. The p-value is flagged with one asterisk for $p < 0.05$, two asterisks for $p < 0.01$, and three asterisks for $p < 0.001$.

(+ difference)***

The SF State 2023 result is *statistically* higher than CSU campuses' average. The p-value is flagged with one asterisk for $p < 0.05$, two asterisks for $p < 0.01$, and three asterisks for $p < 0.001$.

EI-Theme 1. Academic Challenge

First-Year Students





	SF 2017	SF 2020	SF 2023	Comparison with CSU 2023		
				CSU 2023	Significant Difference	Effect Size
Higher-Order Learning	38.6	38.7	 36.9	37.7	non-significant	--
Reflective & Integrative Learning	36.0	38.1	 35.6	35.3	non-significant	--
Learning Strategies	36.5	38.3	 35.3	37.2	-1.9**	small
Quantitative Reasoning	27.7	30.2	 29.8	29.5	non-significant	--

Key Finding:

- For all 4 sub-areas, scores went down from the previous survey results.
- SF State first-year students showed lower ratings on the Learning Strategies area questionnaire items compared to the CSUs.

EI-Theme 1. Academic Challenge

Senior Students



	SF 2017	SF 2020	SF 2023	Comparison with CSU 2023		
				CSU 2023	Significant Difference	Effect Size
Higher-Order Learning	40.6	40.3	 40.9	40.6	non-significant	--
Reflective & Integrative Learning	39.3	39.4	 39.9	38.8	+1.1**	small
Learning Strategies	37.9	38.3	 40.6	39.3	+1.3**	small
Quantitative Reasoning	30.2	30.8	 32.5	31.4	+1.1*	small

Key Finding:

- For all 4 sub-areas, scores went up from the previous survey results.
- SF State senior students showed higher ratings on questionnaire items of the three areas, except the *Higher-Order Learning* area compared to the CSUs.

EI-Theme 2. Learning with Peers

First-Year Students



	SF 2017	SF 2020	SF 2023	Comparison with CSU 2023		
				CSU 2023	Significant Difference	Effect Size
Collaborative Learning	30.1	32.8	 29.5	31.0	-1.5*	small
Discussions w/ Diverse Others	38.4	39.2	 38.1	36.4	+1.7*	small

Key Finding:

- For all 2 sub-areas, scores went down from the previous survey results.
- SF State first-year students showed lower ratings on questionnaire items of the *Collaborative Learning* but higher ratings for the *Discussions with Diverse Others* compared to the CSU campuses.

EI-Theme 2. Learning with Peers

Senior Students



	SF 2017	SF 2020	SF 2023	Comparison with CSU 2023		
				CSU 2023	Significant Difference	Effect Size
Collaborative Learning	33.6	34.8	 32.0	33.1	-1.1*	small
Discussions w/ Diverse Others	40.5	40.5	 40.1	39.2	non-significant	--

Key Finding:

- For all 2 sub-areas, scores went down from the previous survey results.
- SF State senior students reported lower scores on items for the *Collaborative Learning* area, compared to the CSU campuses.

EI-Theme 3. Experiences with Faculty

First-Year Students



	SF 2017	SF 2020	SF 2023	Comparison with CSU 2023		
				CSU 2023	Significant Difference	Effect Size
Student-Faculty Interaction	15.7	19.9	 19.8	18.6	non-significant	--
Effective Teaching Practices	38.1	38.6	 36.2	37.8	-1.6*	small

Key Finding:

- For all 2 sub-areas, scores went down from the previous survey results.
- SF State first-year students showed lower ratings on the *Effective Teaching Practices* questionnaire items, compared to the CSU campuses.

EI-Theme 3. Experiences with Faculty

Senior Students



	SF 2017	SF 2020	SF 2023	Comparison with CSU 2023		
				CSU 2023	Significant Difference	Effect Size
Student-Faculty Interaction	21.2	22.8	 22.7	22.2	non-significant	--
Effective Teaching Practices	39.1	39.4	 39.8	39.8	non-significant	--

Key Finding:

- Compared with the previous survey results, there is a descriptive increase in Effective Teaching Practices but a decrease in Student-Faculty Interaction from the seniors' perspectives.
- There is no statistical difference in senior students' responses to questionnaire items between the SF State and other CSU campuses.

EI-Theme 4. Campus Environment

First-Year Students



	SF 2017	SF 2020	SF 2023	Comparison with CSU 2023		
				CSU 2023	Significant Difference	Effect Size
Quality of Interactions	35.7	39.7	 40.5	41.6	non-significant	--
Supportive Environment	31.0	33.0	 32.2	33.5	non-significant	--

Key Finding:

- In comparison with the previous survey results, there is a descriptive increase in the area of Quality of Interactions but a decrease in the Supportive Environment sub-area from the first-year students' perspectives.
- There is no statistical difference in first-year students' responses to questionnaire items between the SF State and other CSU campuses.

EI-Theme 4. Campus Environment

Senior Students

	SF 2017	SF 2020	SF 2023	Comparison with CSU 2023		
				CSU 2023	Significant Difference	Effect Size
Quality of Interactions	38.6	40.7	 40.9	42.4	-1.5***	small
Supportive Environment	28.5	29.9	 32.3	32.4	non-significant	--

Key Finding:

- For all 2 sub-areas, scores went up from the previous survey results.
- SF State senior students reported lower ratings in the area of *Quality of Interactions* compared to the CSU campuses.



High Impact Practices

High Impact Practices(HIP)

HIPs

Undergraduate Opportunities, which have positive associations with student learning and retention.

Service Learning

Courses that included a community-based project

Learning Community

Formal program where groups of students take two or more classes together

Research with Faculty

Work with a faculty member on a research project

Internship or Field Experience

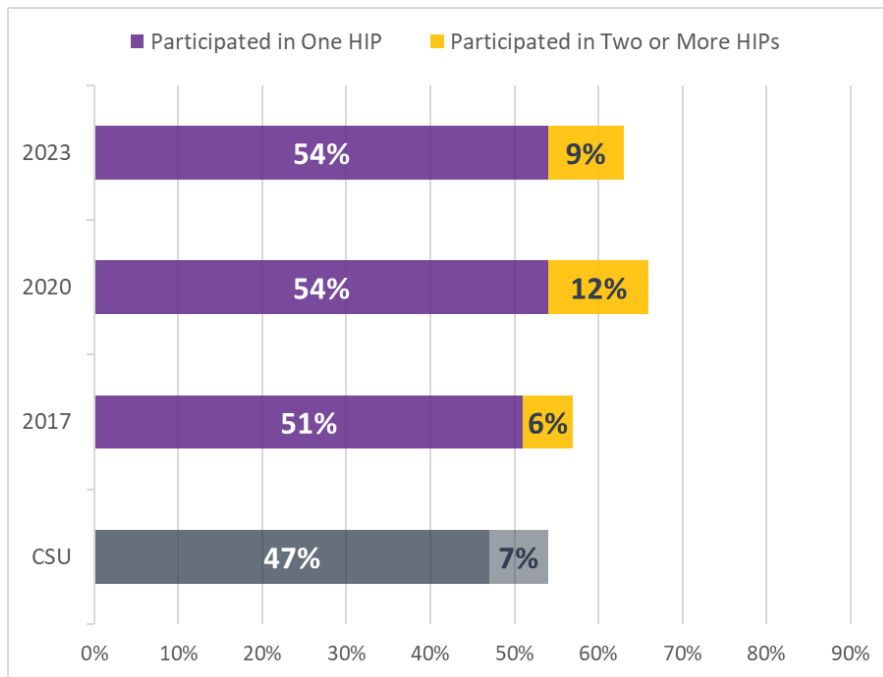
Internship, co-op, field experience, student teaching, or clinical placement

Study Abroad

Culminating Senior Experience

Capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.

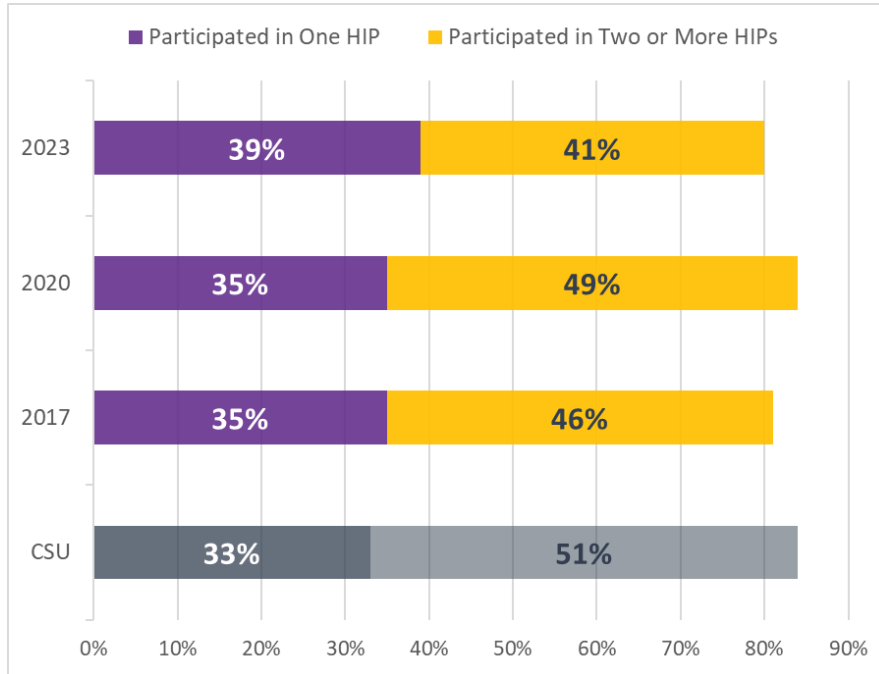
First-Year Students



Key Finding:

- Participation in one HIP is the same, but there is a decrease in the involvement in two or more HIPs from 2020 to 2023.
- The percentage of the SF State first-year students who participated in at least one HIP is higher than the CSU average of percent points.

Junior Students



Key Finding:

- Participation in one HIP increased, but there is a decrease in the involvement in two or more HIPs from 2020 to 2023.
- The percentage of the SF State senior students who participated in at least one HIP is lower than the CSU average of percent points.

**Strengths
&
Areas of Opportunity**

First-Year Students

Highest Performing Items Relative to CSU Campuses -

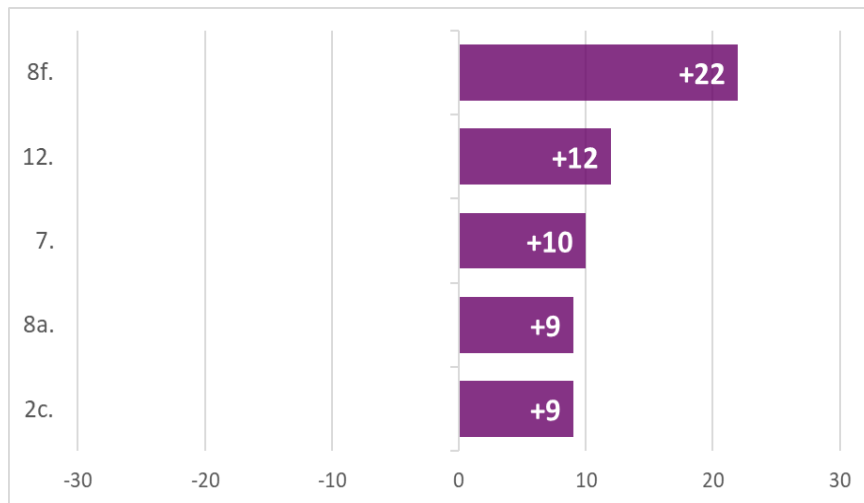
8f. Discussions with...People from countries other than your own.

12. About how many courses have included a community-based project (service-learning)?

7. Assigned more than 50 pages of writing.

8a. Discussions with... People of races or ethnicities other than your own.

2c. Included diverse perspectives (...) in course discussions or assignments.



Key Finding:

SF State first-year students reported spending significantly more time involved in discussions with people from countries other than their own compared to first-year students on other CSU campuses.

First-Year Students

Lowest Performing Items Relative to CSU Campuses -

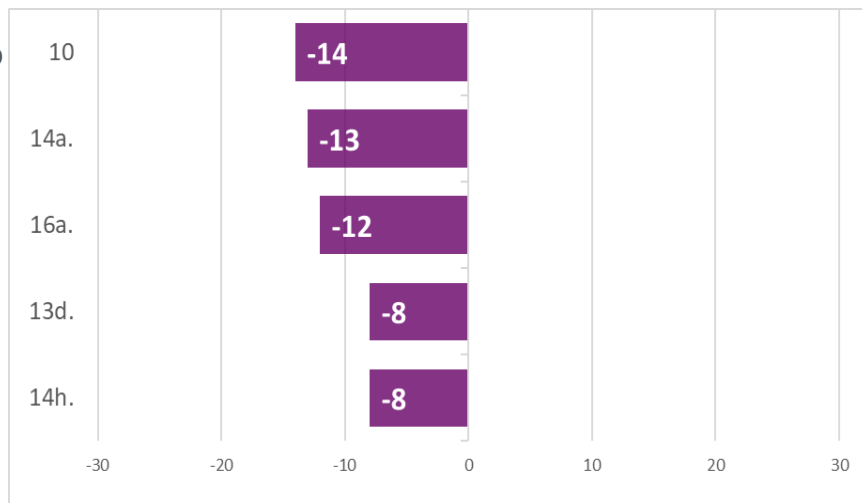
10. Extent to which courses challenged you to do your best work.

14a. Institution emphasis on studying and academic work.

16a. Spent more than 15 hours per week preparing for class.

13d. Quality of interactions with student services staff.

14h. Institution emphasis on attending campus activities and events.



Key Finding:

SF State first-year students reported having significantly less extent to which courses challenged themselves to do their best work than first-year students on other CSU campuses.

Senior Students

Highest Performing Items Relative to CSU Campuses -

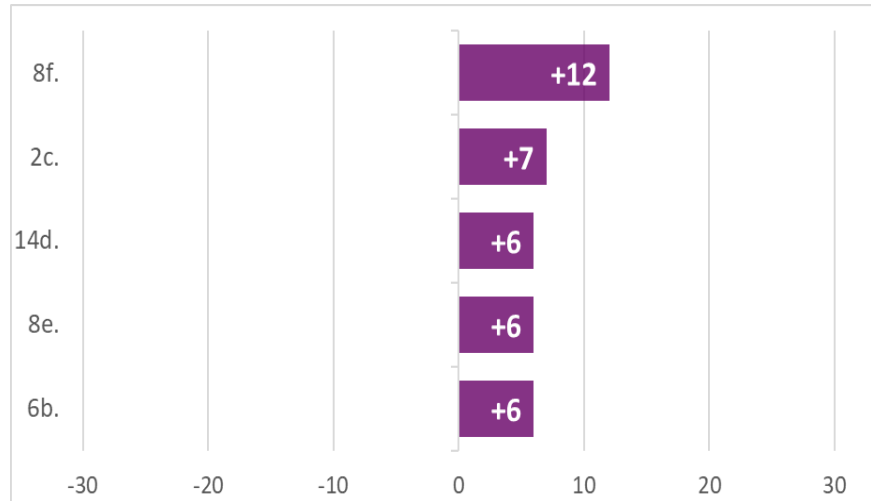
8f. Discussions with...People from countries other than your own.

2c. Included diverse perspectives ...in course discussions or assignments.

14d. Institution emphasis on encouraging ... students from different backgrounds...

8e. Discussions with...People with sexual orientations other than your own.

6b. Used numerical information to examine a real-world problem or issue...



Key Finding:

SF State senior students reported spending significantly more time involved in discussions with people from countries other than their own compared to senior students on other CSU campuses.

Senior Students

Lowest Performing Items Relative to CSU Campuses -

11a. Participated in an internship, co-op, field exp., student teach., clinical placement.

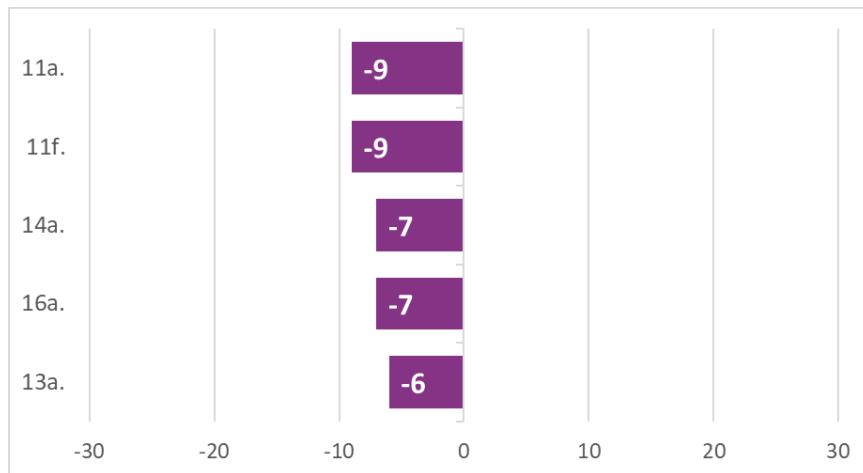
11f. Completed a culminating senior experience

...

14a. Institution emphasis on studying and academic work.

16a. Spent more than 15 hours per week preparing for class.

13a. Quality of interactions with students.



Key Finding:

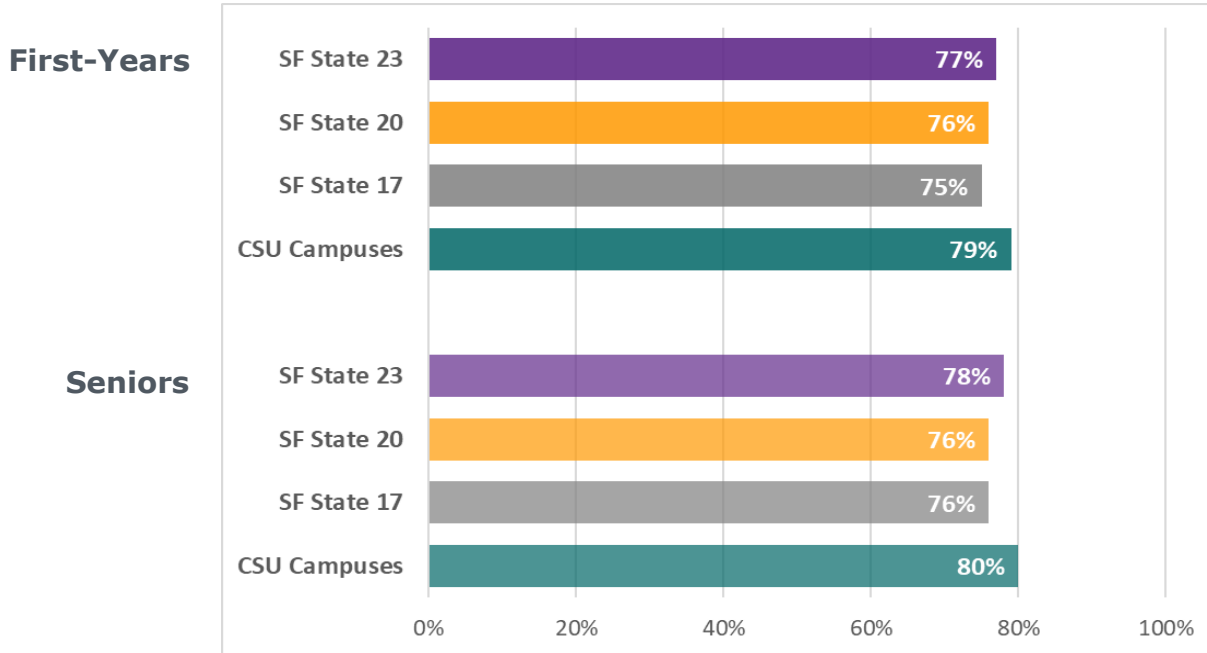
SF State senior students reported less participation in internship, co-op, field experience, etc., or completing culminating experiences than senior students on other CSU campuses.



Overall Experience

Satisfaction with SF State

Overall Experience at SF State



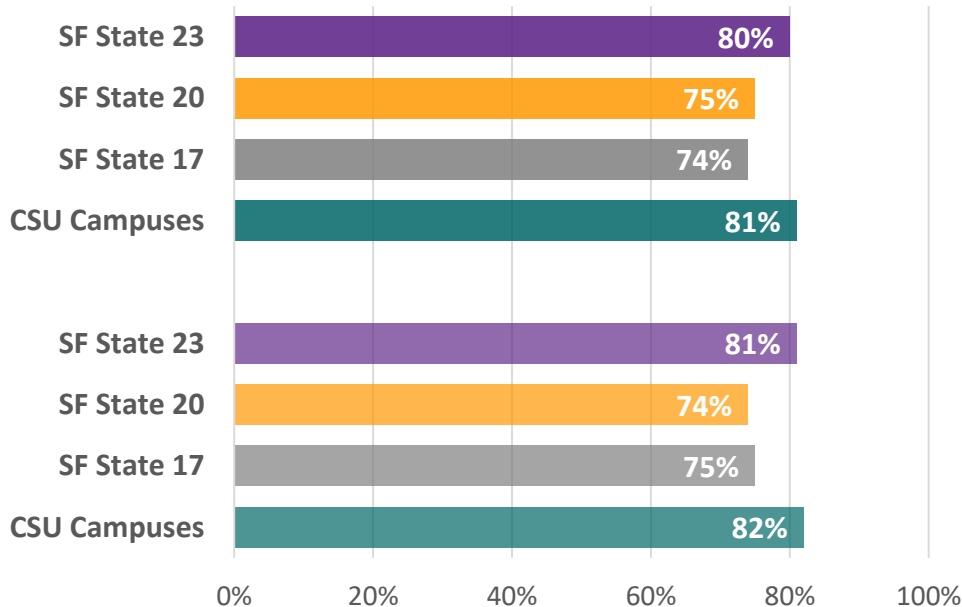
Key Finding:

77% of first-year and 78% of senior students rated their overall SF State experience as "Excellent" or "Good."

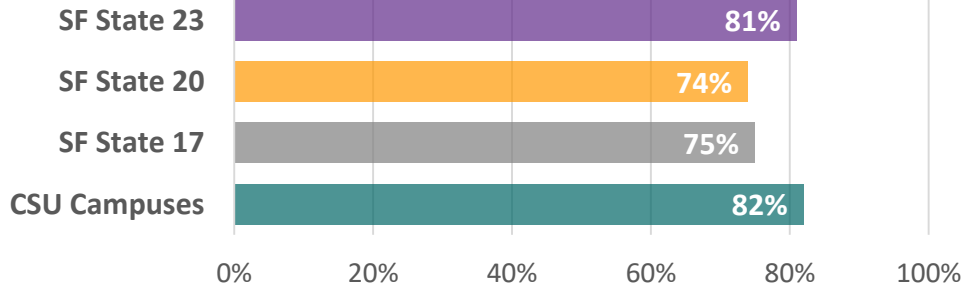
Satisfaction with SF State

Likelihood to Attend Again

First-Years



Seniors



Key Finding:

80% of first-year and 81% of senior students reported that they would “Definitely” or “Probably” attend this institution again.

Summary of NSSE 23

Positive Growth

- ❖ *Quality of Interaction*: Growth from 2020 for both first-year and senior students
- ❖ Senior students' positive growth from 2020 in the *Academic Challenge* and the *Campus Environment*
- ❖ Senior students' more robust engagement in the *Academic Challenge* than their counterparts on other CSU campuses
- ❖ First-year students' more robust engagement with the *HIPs* than their counterparts on other CSU campuses
- ❖ SF State students spending significantly more time involved in discussions with people from countries other than their own compared to counterparts on other CSU campuses

Areas of Opportunity

- ❖ Response rate
- ❖ First-year students' engagement in all four areas of the *Academic Challenge*
 - Higher-Order Learning
 - Reflective and Integrative Learning
 - Learning Strategies
 - Quantitative Reasoning
- ❖ For both student groups' engagement in one area of the *Learning with Peers*
 - Collaborative Learning
- ❖ *Quality of Interaction*: statistically lower ratings than the CSUs from the senior student group
- ❖ *Supportive Environment*: a decrease in the first-year student group