

San Francisco State University



**About This Report** 

### **About Your Multi-Year Report**

For institutions participating in multiple NSSE administrations since 2013, the year of the last survey update, this report presents year-to-year results for Engagement Indicators (EIs), High-Impact Practices (HIPs), and key academic challenge items to illustrate patterns of change or stability. It also provides details such as numbers of respondents, standard deviations, and standard errors so that statistical tests can be calculated.

For more information and recommendations for analyzing NSSE data over time, view our webinar entitled *Recommendations for Using Multiple Years of NSSE Data:* http://go.iu.edu/2R1r

This report contains three main parts: (a) a page that provides a quick reference to important information about each year's administration, (b) multi-year figures, and (c) detailed statistics. Key terms and features are illustrated below.

#### **Report sections**

Administration Summaries (p. 3)	A summary of respondent counts, response rates, sampling errors, and administration details for each participation year.
Engagement Results by Theme (pp. 4-7)	Results for ten EIs and selected individual survey items are displayed, organized under four broad themes. The Academic Challenge theme is represented by four EIs as well as several individual items. The three remaining engagement themes (Learning with Peers, Experiences with Faculty, and Campus Environment) are each represented by two EIs.
High-Impact Practices (pp. 8-9)	Results for six HIPs are displayed. First-year student results indicate students who participated in service-learning, a learning community, and research with faculty, and who <i>planned to do</i> an internship or field experience, study abroad, and a culminating senior experience. Senior results indicate students who participated in all six.
Detailed Statistics (pp. 10-13)	Displays detailed information for results including counts, standard errors, and confidence intervals (CIs) for each measure.

#### Interpreting year-to-year results

When examining year-to-year results, you may wonder whether observed differences signify meaningful change and whether a trend is indicated. Figures display CIs around each score showing the range of values that is estimated to contain the population score 95% of the time. Upper and lower CI bounds are also reported in the Detailed Statistics section.

#### For further investigation

The Report Builder, updated with current data in the fall, allows for multi-year analysis of Engagement Indicators and individual items (including HIPs). It also affords the analysis of results by subpopulation. The Report Builder can be accessed via the NSSE Institution Interface.



## Administration Summaries San Francisco State University

The precision of an institution's population estimates can vary between administrations. An important early step in conducting a multi-year analysis is to review data quality. The values in the tables below were drawn from your *Administration Summary* reports.

#### **Response Details by Participation Year**

		Fir	rst-year studen	ts		Seniors											
Year	Response rate <sup>a</sup>	Sampling error <sup>b</sup>	Total respondents <sup>c</sup>	Full completions	Partial completions	Response rate <sup>a</sup>	Sampling error <sup>b</sup>	Total respondents <sup>c</sup>	Full completions	Partial completions							
2013		1					1										
2014	11%	+/- 3.7%	640	431	209	16%	+/- 2.3%	1,555	1,155	400							
2015																	
2016																	
2017	13%	+/- 4.2%	471	305	166	17%	+/- 2.3%	1,490	1,118	372							
2018																	
2019																	
2020	35%	+/- 2.4%	1,085	826	259	34%	+/- 1.8%	2,064	1,805	259							
2021																	
2022																	
2023	13%	+/- 4.0%	528	387	141	15%	+/- 2.7%	1,133	939	194							

#### Administration Details by Participation Year

			Incentives		Report Sample		
Year	Recruitment method	Sample type	offered	Additional question sets	identified <sup>d</sup>	BCSSE	FSSE
2013							
2014	Email	Census	No	None	No	No	Yes
2015							
2016							
2017	Email	Census	No	None	No	No	Yes
2018							
2019							
2020	Email	Census	Yes	Academic Advising	No	Yes	Yes
2021							
2022							
2023	Email	Census	Yes	None	No	No	Yes

Note: All of your institution's participation years since 2013 (the first year of the updated NSSE) are reported. Years in which your institution did not participate are blank.

a. Response rates (number of respondents divided by sample size) are adjusted for ineligibility, nondeliverable addresses, and students who were unavailable during the survey administration.

b. Sampling error gauges the precision of results based on a sample survey. It is an estimate (at the 95% confidence level) of how much results for your respondents could differ from those of the entire

population of students at your institution. While data with larger sampling errors (such as +/-10%) need not be dismissed out of hand, such results should be interpreted more conservatively.

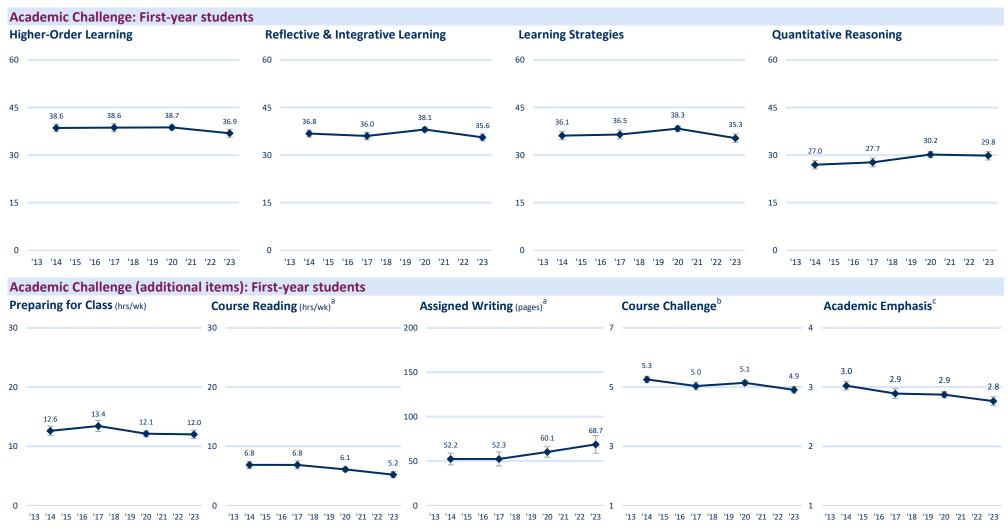
c. Count used to calculate response rates and sampling errors for each Administration Summary report. Includes all census-administered and randomly sampled students, regardless of "Report Sample" designation.

d. Starting in 2017, institutions had the option to flag a subset of students for exclusion from reports. Refer to your Administration Summary reports.



## Engagement Results by Theme San Francisco State University

Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. The Academic Challenge theme contains four EIs as well as several important individual items. See the end of this report for detailed statistics. For more information, including the items that make up each EI, refer to your *Engagement Indicators* report.



a. Values for Course Reading and Assigned Writing are estimates calculated from two or more survey questions.

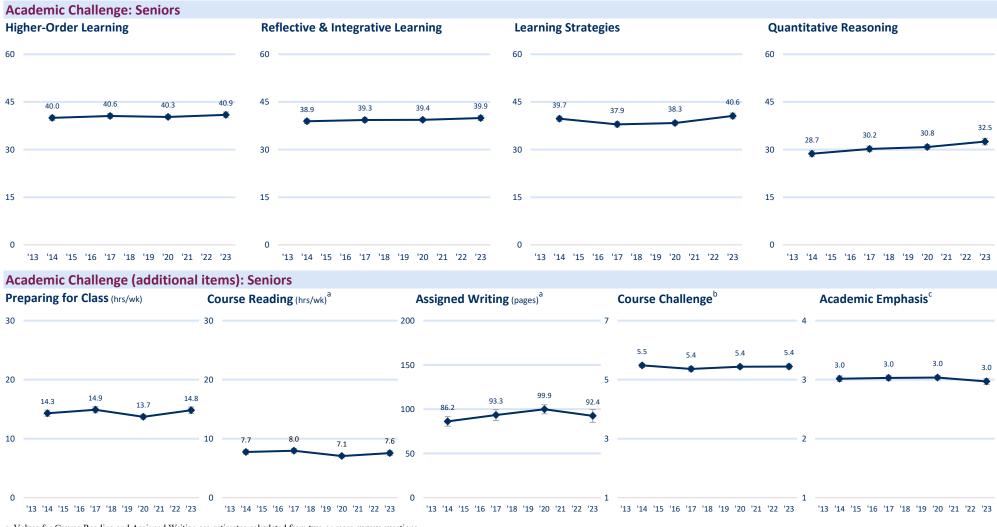
b. Extent to which courses challenged students to do their best work (1 = "Not at all" to 7 = "Very much").

c. How much students said the institution emphasizes spending significant time studying and on academic work (1 = "Very little," 2 = "Some," 3 = "Quite a bit," and 4 = "Very much").



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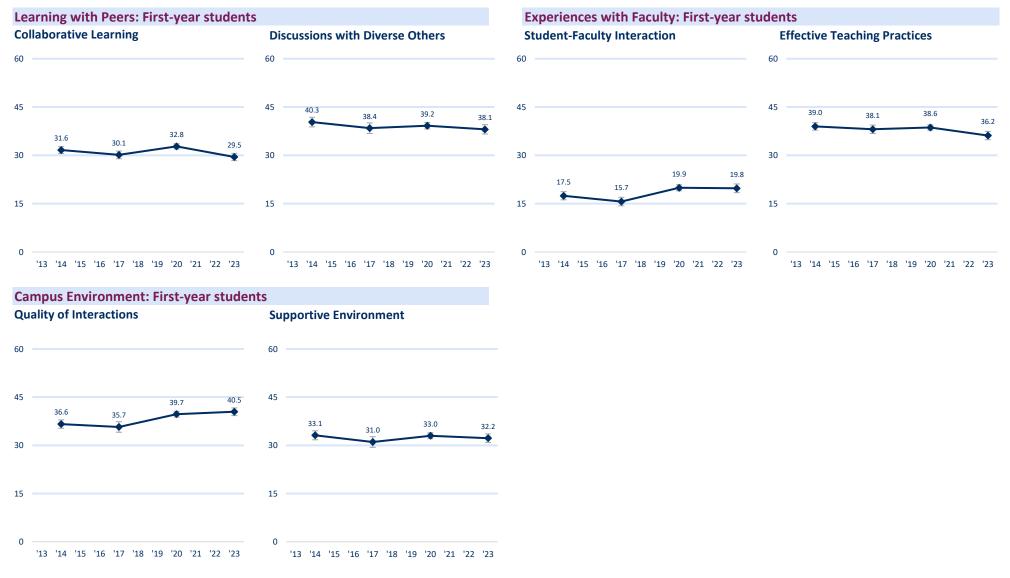
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## Engagement Results by Theme

### San Francisco State University

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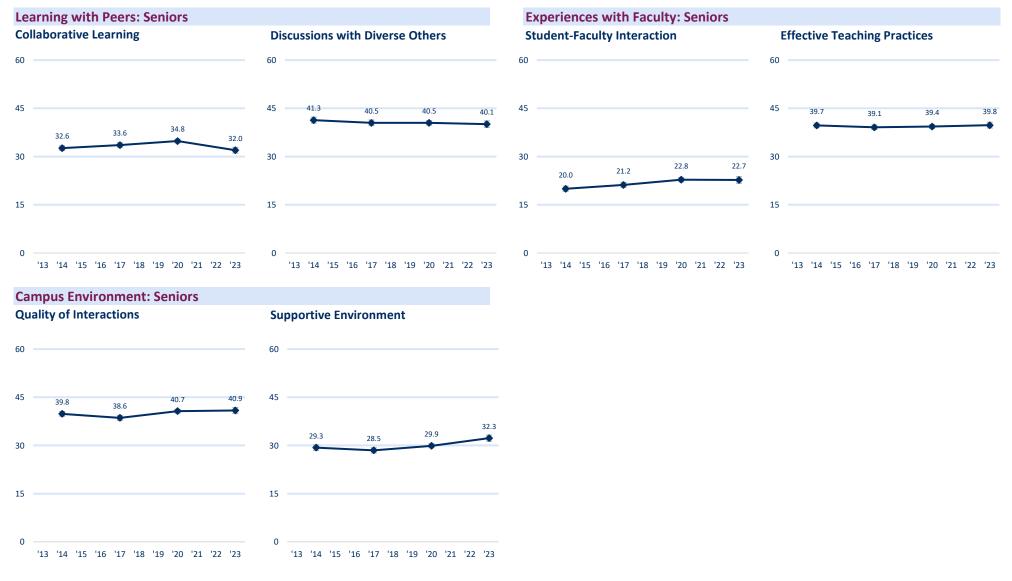




# Engagement Results by Theme

## San Francisco State University

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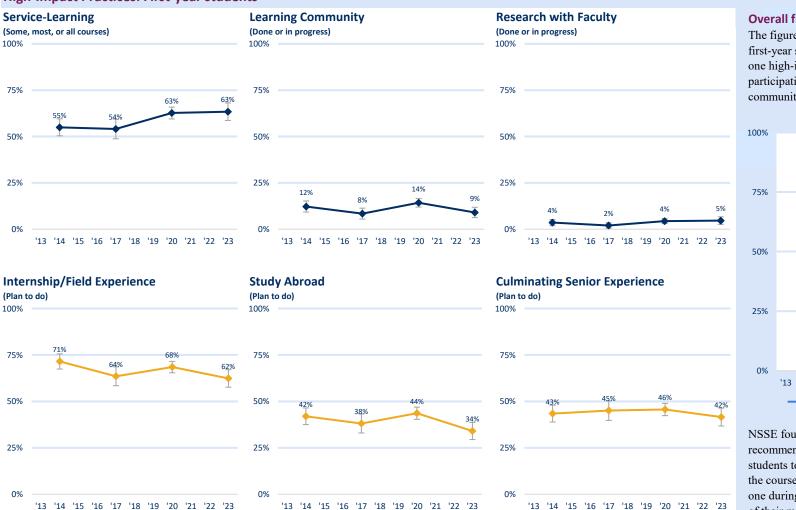




# High-Impact Practices San Francisco State University

Due to their positive associations with student learning and retention, certain undergraduate opportunities are designated "high-impact." The figures below display first-year students' participation, or intent to participate, in High-Impact Practices (HIPs) by year. See page 13 for detailed statistics. For more information, refer to your *High-Impact Practices* report.

#### High-Impact Practices: First-year students



**Overall first-year HIP participation** 

The figure below displays the percentages of first-year students who participated in at least one high-impact practice. The figure is limited to participation in service-learning, a learning community, and research with faculty.



NSSE founding director George Kuh recommends that institutions aspire for all students to participate in at least two HIPs over the course of their undergraduate experience one during the first year and one in the context of their major.



# High-Impact Practices San Francisco State University

Due to their positive associations with student learning and retention, certain undergraduate opportunities are designated "high-impact." Participation in High-Impact Practices (HIPs) by year is displayed in the figures below. See page 13 for detailed statistics. For more information, refer to your *High-Impact Practices* report.





#### **Detailed Statistics: Engagement Indicators and Additional Challenge Items**

#### San Francisco State University

	0.00	First-year students Seniors																					
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'2
Academic Challenge																							
Higher-Order	Mean		38.6			38.6			38.7			36.9		40.0			40.6			40.3			40.
Learning	n		525			404			924			430		1,345			1,368			1,892			1,00
Learning	SD		14.1			13.0			12.7			13.4		14.7			13.7			13.5			14.
	SE		.62			.64			.42			.65		.40			.37			.31			.4
	CI up bnd		39.8			39.9			39.5			38.1		40.8			41.3			40.9			41.
	CI low bnd		37.4			37.4			37.9			35.6		39.2			39.8			39.7			40.
Reflective &	Mean		36.8			36.0			38.1			35.6		38.9			39.3			39.4			39.
Integrative	n		546			420			991			476		1,401			1,409			1,973			1,07
Learning	SD		13.1			12.6			11.7			12.2		13.5			12.6			12.3			13.
Learning	SE		.56			.62			.37			.56		.36			.34			.28			.4
	CI up bnd		37.9			37.2			38.8			36.7		39.6			40.0			39.9			40.
	CI low bnd		35.7			34.8			37.3			34.5		38.2			38.7			38.8			39.
Learning	Mean		36.1			36.5			38.3			35.3		39.7			37.9			38.3			40.
Strategies	n		457			349			879			409		1,215			1,176			1,848			95
U	SD		14.1			13.4			13.4			13.9		14.5			14.2			13.7			14.
	SE		.66			.72			.45			.69		.42			.41			.32			.4
	CI up bnd		37.4			37.9			39.2			36.7		40.5			38.7			39.0			41.
	CI low bnd		34.8			35.1			37.5			34.0		38.9			37.1			37.7			39.
Quantitative	Mean		27.0			27.7			30.2			29.8		28.7			30.2			30.8			32.
Reasoning	n		534			390			900			412		1,368			1,344			1,868			97
	SD		15.7			14.0			14.7			14.1		17.0			16.1			16.0			16.
	SE		.68			.71			.49			.69		.46			.44			.37			.5
	CI up bnd		28.3			29.1			31.1			31.2		29.6			31.1			31.5			33.
	CI low bnd		25.6			26.3			29.2			28.5		27.8			29.3			30.1			31.
Academic Challenge		ems)																					
Preparing for	Mean		12.6			13.4			12.1			12.0		14.3			14.9			13.7			14.
Class (hours/week)	n		419			315			852			386		1,134			1,115			1,830			94
,	SD		8.2			8.4			7.5			7.2		8.8			8.9			8.2			8.
	SE		.40			.47			.26			.37		.26			.27			.19			.2
	CI up bnd		13.4			14.3			12.6			12.7		14.8			15.4			14.1			15.
	CI low bnd		11.8			12.5			11.6			11.3		13.8			14.4			13.3			14.
Course Reading	Mean		6.8			6.8			6.1			5.2		7.7			8.0			7.1			7.
Est. hrs per week	n		407			311			847			377		1,104			1,103			1,813			92
calculated from two	SD		6.1			6.1			5.3			5.1		6.4			6.5			6.0			6.
items.	SE		.30			.35			.18			.26		.19			.20			.14			.2
	CI up bnd		7.4			7.5			6.4			5.7		8.1			8.3			7.3			8.
	CI low bnd		6.2			6.2			5.7			4.7		7.4			7.6			6.8			7.

Notes: n = Number of respondents; SD = Standard deviation; SE = Standard error of the mean; upper and lower bounds represent the 95% confidence interval (mean +/- 1.96 \* SE).



### **Detailed Statistics: Engagement Indicators and Additional Challenge Items**

#### San Francisco State University

			First-year students Seniors																				
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'2
Academic Challenge	(additional it	tems, c	ontinue	d)																			
Assigned Writing	Mean		52.2			52.3			60.1			68.7		86.2			93.3			99.9			92.4
Estimated number of pages	п		420			351			891			407		1,100			1,185			1,866			96
calculated from three survey	SD		68.7			75.3			90.0			103.0		91.6			108.2			112.3			115.3
questions.	SE		3.36			4.02			3.01			5.11		2.76			3.14			2.60			3.71
	CI up bnd		58.8			60.2			66.0			78.7		91.6			99.5			105.0			99.7
	CI low bnd		45.7			44.4			54.2			58.7		80.8			87.2			94.8			85.1
Course Challenge	Mean		5.3			5.0			5.1			4.9		5.5			5.4			5.4			5.4
Extent to which courses	п		468			347			886			410		1,230			1,187			1,862			962
challenged students to do	SD		1.2			1.2			1.2			1.2		1.2			1.4			1.3			1.3
best work (1="Not at all" to 7="Very much").	SE		.05			.07			.04			.06		.04			.04			.03			.04
v= very much j.	CI up bnd		5.4			5.2			5.2			5.0		5.6			5.4			5.5			5.5
	CI low bnd		5.1			4.9			5.1			4.8		5.4			5.3			5.4			5.4
Academic	Mean		3.0			2.9			2.9			2.8		3.0			3.0			3.0			3.0
Emphasis	n		427			320			860			395		1,142			1,126			1,842			948
Perceived inst'l emphasis on	SD		0.8			0.8			0.8			0.8		0.8			0.8			0.8			0.8
spending significant time	SE		.04			.04			.03			.04		.02			.02			.02			.03
studying and on academic	CI up bnd		3.1			3.0			2.9			2.8		3.1			3.1			3.1			3.0
work (1 = "Very little" to 4 = "Very much").	CI low bnd		3.0			2.8			2.8			2.7		3.0			3.0			3.0			2.9
Learning with Peers																							
Collaborative	Mean		31.6			30.1			32.8			29.5		32.6			33.6			34.8			32.0
Learning	n		569			446			1,052			502		1,441			1,453			2,012			1,097
Leanning	SD		13.0			12.8			13.6			12.9		13.8			13.7			13.5			14.8
	SE		.54			.61			.42			.58		.36			.36			.30			.45
	CI up bnd		32.7			31.3			33.6			30.6		33.3			34.3			35.4			32.8
	CI low bnd		30.6			29.0			32.0			28.4		31.9			32.9			34.2			31.1
Discussions with	Mean		40.3			38.4			39.2			38.1		41.3			40.5			40.5			40.1
Diverse Others	п		464			352			886			411		1,221			1,185			1,865			966
Siverse Others	SD		16.3			15.7			15.3			14.9		16.5			15.3			14.9			15.7
	SE		.76			.84			.51			.74		.47			.44			.34			.51
	Cl up bnd		41.8			40.1			40.2			39.5		42.2			41.4			41.2			41.1
	CI low bnd		38.8			36.8			38.2			36.6		40.4			39.6			39.8			39.1

Notes: n = Number of respondents; SD = Standard deviation; SE = Standard error of the mean; upper and lower bounds represent the 95% confidence interval (mean +/- 1.96 \* SE).



### **Detailed Statistics: Engagement Indicators and Additional Challenge Items**

#### San Francisco State University

		First-year students Seniors																					
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23
Experiences with Facu	lty																						
Student-Faculty	Mean		17.5			15.7			19.9			19.8		20.0			21.2			22.8			22.
Interaction	п		537			407			953			455		1,382			1,376			1,925			1,03
	SD		15.0			13.5			14.9			14.7		15.0			14.6			15.6			16.
	SE		.65			.67			.48			.69		.40			.39			.35			.5
	CI up bnd		18.7			17.0			20.9			21.1		20.8			22.0			23.5			23.
	CI low bnd		16.2			14.3			19.0			18.4		19.2			20.4			22.1			21.7
Effective Teaching	Mean		39.0			38.1			38.6			36.2		39.7			39.1			39.4			39.8
Practices	п		547			403			923			428		1,386			1,373			1,915			1,005
Tractices	SD		13.9			13.4			12.7			13.6		13.8			13.6			13.4			14.4
	SE		.59			.67			.42			.66		.37			.37			.31			.4
	CI up bnd		40.2			39.4			39.5			37.4		40.4			39.8			39.9			40.
	CI low bnd		37.8			36.8			37.8			34.9		39.0			38.4			38.8			38.9
Campus Environment																							
Quality of	Mean		36.6			35.7			39.7			40.5		39.8			38.6			40.7			40.9
Interactions	п		434			300			789			352		1,154			1,117			1,760			872
Interactions	SD		13.9			14.5			12.8			11.4		12.7			13.1			12.3			13.4
	SE		.67			.84			.46			.61		.37			.39			.29			.45
	CI up bnd		37.9			37.3			40.6			41.7		40.6			39.4			41.2			41.8
	CI low bnd		35.3			34.1			38.8			39.3		39.1			37.8			40.1			40.0
Supportive	Mean		33.1			31.0			33.0			32.2		29.3			28.5			29.9			32.3
Environment	п		418			312			856			385		1,130			1,113			1,822			944
Linnonnent	SD		14.6			14.9			13.6			13.4		14.5			13.7			13.8			14.
	SE		.71			.85			.47			.68		.43			.41			.32			.43
	CI up bnd		34.5			32.7			33.9			33.6		30.2			29.3			30.5			33.2
	CI low bnd		31.7			29.4			32.1			30.9		28.5			27.7			29.3			31.3

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#### **Detailed Statistics: High-Impact Practices**

### San Francisco State University

		First-year students '13 '14 '15 '16 '17 '18 '19 '20 '21 '22 '23 '13 '14 '15 '16 '17 '18 '19 '20																					
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23
Service-Learning <sup>a</sup>	%		55			54			63			63		63			63			68			62
0	n		460			341			869			399		1,220			1,174			1,837			950
	SE		2.3			2.7			1.6			2.4		1.4			1.4			1.1			1.6
	CI up bnd		60			59			66			68		66			66			70			65
	CI low bnd		50 12			49 <b>8</b>			59 14			<u>59</u>		60 <b>18</b>			60 15			66 17			59 16
Learning	% n		464			<b>8</b> 342			14 879			9 406		18 1,218			1,169			1,853			955
Community <sup>a</sup>	SE		1.5			1.5			1.2			1.4		1,218			1,109			0.9			1.2
	CI up bnd		1.5			1.5			1.2			1.4		20			1.1			19			1.2
	CI low bnd		9			5			17			6		16			13			16			13
Research with	%		4			2			4			5		16			15			14			13
	n		461			345			875			407		1,213			1,178			1,850			955
Faculty <sup>a</sup>	SE		0.9			0.8			0.7			1.0		1.1			1.0			0.8			1.1
	CI up bnd		5			3			6			7		18			17			16			15
	CI low bnd		2			1			3			3		14			13			13			11
Internship or Field	%		71			64			68			62		41			37			33			28
Experience <sup>b</sup>	п		471			348			884			406		1,229			1,182			1,863			963
	SE		2.1			2.6			1.6			2.4		1.4			1.4			1.1			1.4
(First-year results: Plan to	CI up bnd		76			69			72			67		44			40			35			31
do)	CI low bnd		67			58			65			58		39			34			31			25 6
Study Abroad <sup>b</sup>	%		42			38			44			34		11			5			7			
(First-year results: Plan to	п		467			346			879			405		1,223			1,177			1,845			958
do)	SE		2.3			2.6			1.7			2.4		0.9			0.6			0.6			0.7
	CI up bnd		46			43			47			39		12			6			8			7
	CI low bnd		37 <b>43</b>			33 <b>45</b>			40 <b>46</b>			29 42		9 <b>29</b>			4 31			6 37			4 31
Culminating Senior	% n		<b>43</b> 461			<b>45</b> 343			<b>46</b> 874			<b>42</b> 404		<b>29</b> 1,214			31 1,174			<b>37</b> 1,850			958
Experience <sup>b</sup>	SE		2.3			343 2.7			874 1.7			2.5		1,214			1,174			1,850			958 1.5
(First-year results: Plan to	CI up bnd		48			50			49			46		32			33			39			34
do)	CI low bnd		39			40			42			37		27			28			34			29
Overall HIP Participa			35			40			72			57		27			20			34			23
	%		48			51			54			54		33			35			35			39
Participated in one	n n		<b>48</b> 472			<b>3</b> 45			<b>54</b> 882			<b>54</b> 408		33 1,238			35 1,189			35 1,866			965
HIP	SE		2.3			2.7			1.7			2.5		1,238			1,189			1,300			1.6
	CI up bnd		53			57			58			59		36			38			37			43
	CI low bnd		44			46			51			50		31			32			33			36
Participated in two	%		9			6			12			9		49			46			49			41
	n		472			345			882			408		1,238			1,189			1,866			965
or more HIPs	SE		1.3			1.3			1.1			1.4		1.4			1.4			1.2			1.6
	CI up bnd		12			8			14			12		52			49			52			44
	CI low bnd		7			3			10			6		47			43			47			37

Notes: n = Number of respondents; SE = Standard error of the proportion (sqrt[ (p\*(1-p))/(n-1)]) where p is the proportion; upper and lower bounds represent the 95% confidence interval (p+/-1.96\*SE).

a. Results are the percentage who had done the activity.

b. First-year results are the percentage who planned to do the activity; Senior results are the percentage who had done the activity.

c. First-year results are limited to participation in a Learning Community, Service-Learning, and Research with Faculty; senior results include all six HIPs.