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2022

NSSE 2022 Multi-Year Report

Systems Intelligence and Data Analytics, University of Nebraska at Omaha

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University of Nebraska at Omaha

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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

University of Nebraska at Omaha

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

		Fi	rst-year studen	its				Seniors		
Year	Response rate ^a	Sampling error ^b	Total respondents ^c	Full completions	Partial completions	Response rate ^a	Sampling error ^b	Total respondents ^c	Full completions	Partial completions
2013	20%	+/- 3.7%	547	435	112	30%	+/- 3.1%	699	603	96
2014										
2015										
2016	23%	+/- 3.6%	556	418	138	26%	+/- 4.4%	374	314	60
2017										
2018										
2019	24%	+/- 3.9%	488	364	124	16%	+/- 5.7%	245	198	47
2020										
2021										
2022	43%	+/- 2.6%	829	642	187	41%	+/- 3.1%	586	501	85

Administration Details by Participation Year

			Incentives		Report Sample		
Year	Recruitment method	Sample type	offered	Additional question sets	identified ^d	BCSSE	FSSE
2013	Email	Census	Yes	Academic Advising	No	No	No
2014							
2015							
2016	Email	Census	Yes	Academic Advising, Civic Engagement	No	No	No
2017							
2018							
2019	Email	Census	Yes	Transferable Skills, Civic Engagement	No	No	No
2020							
2021							
2022	Email	Census	Yes	Civic Engagement, Career Preparation	No	No	No

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.

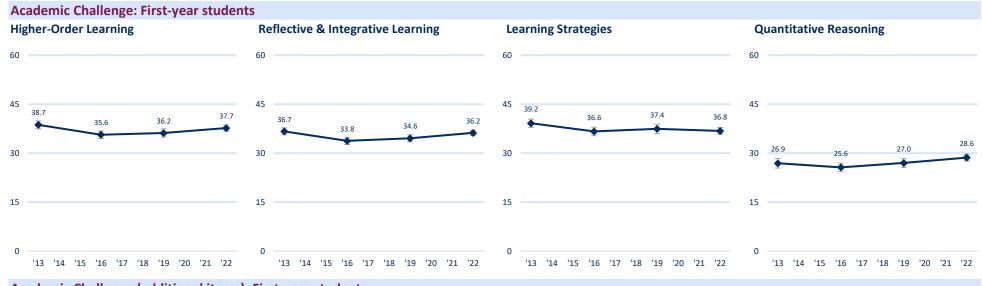
d. Starting in 2017, institutions had the option to flag a subset of students for exclusion from reports. Refer to your Administration Summary reports.

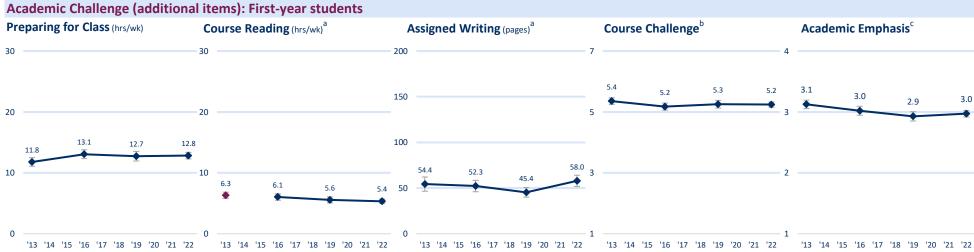


Engagement Results by Theme

University of Nebraska at Omaha

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 pages 10-12 for detailed statistics. For more information, including the items that make up each EI, refer to your *Engagement Indicators* report.





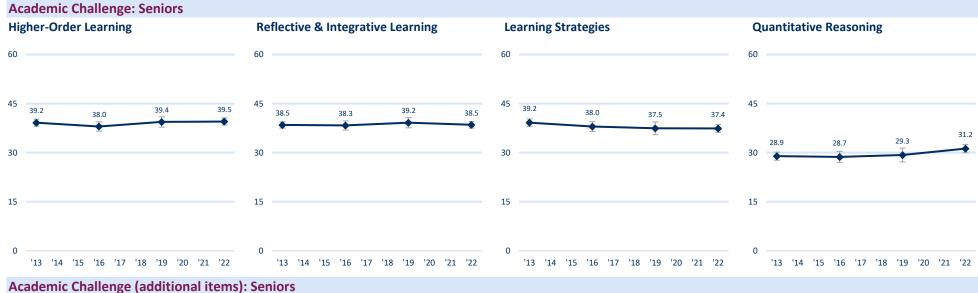
- a. Values for Course Reading and Assigned Writing are estimates calculated from two or more survey questions. The Course Reading item changed in 2014; comparability between 2013 and later years is limited.
- b. Extent to which courses challenged students to do their best work (1 = "Not at all" to 7 = "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").

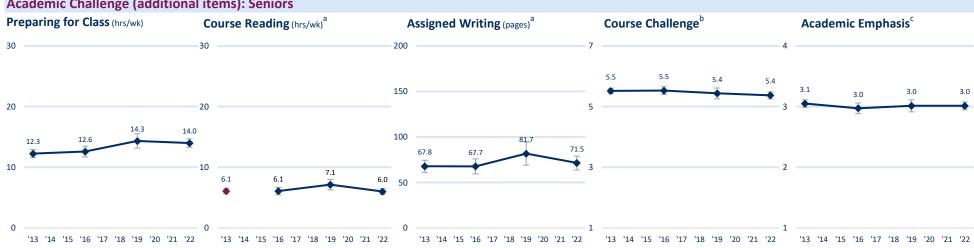


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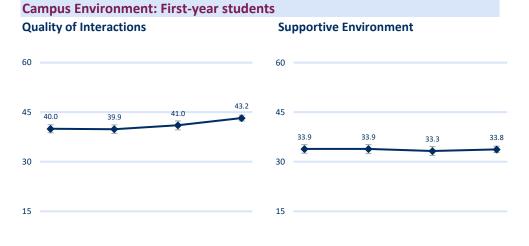


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University of Nebraska at Omaha

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'13 '14 '15 '16 '17 '18 '19 '20 '21 '22

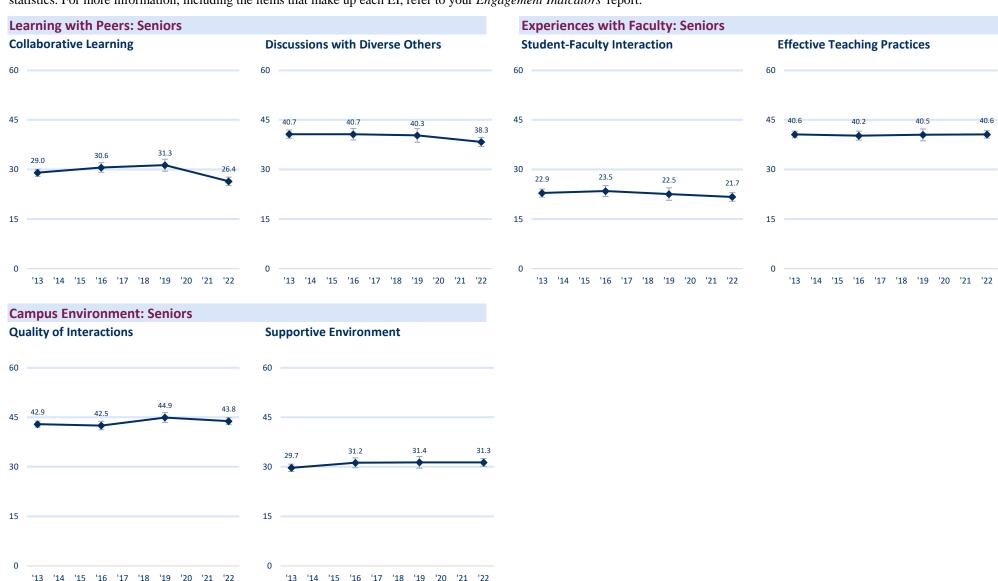
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University of Nebraska at Omaha

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High-Impact Practices

University of Nebraska at Omaha

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.

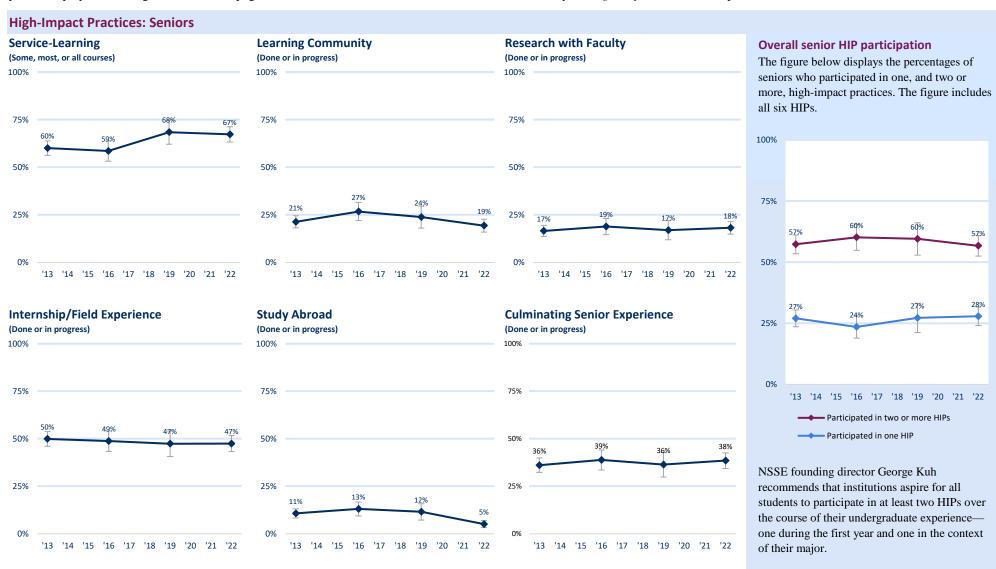




High-Impact Practices

University of Nebraska at Omaha

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 Items

University of Nebraska at Omaha

					First	-year s	tuden	ts								Senio	ors				
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
Academic Challenge																					
Higher-Order	Mean	38.7			35.6			36.2			37.7	39.2			38.0			39.4			39.5
Learning	n	488			516			415			746	654			356			224			544
	SD	13.6			13.4			13.3			13.1	14.1			13.7			12.3			13.1
	SE	.62			.59			.65			.48	.55			.72			.82			.56
	CI upper bound	39.9			36.8			37.5			38.6	40.2			39.4			41.0			40.6
	CI lower bound	37.5			34.5			34.9			36.7	38.1			36.6			37.8			38.4
Reflective &	Mean	36.7			33.8			34.6			36.2	38.5			38.3			39.2			38.5
Integrative	n	502			528			444			787	671			356			235			558
Learning	SD	12.1			12.9			11.7			11.7	12.5			13.5			12.3			12.0
2001111118	SE	.54			.56			.55			.42	.48			.72			.80			.51
	CI upper bound	37.7			34.9			35.6			37.0	39.4			39.7			40.7			39.5
	CI lower bound	35.6			32.7			33.5			35.4	37.5			36.9			37.6			37.5
Learning Strategies	Mean	39.2			36.6			37.4			36.8	39.2			38.0			37.5			37.4
	n	459			458			393			729	635			325			210			536
	SD	13.9			14.1			14.9			14.0	14.9			14.1			14.4			13.9
	SE	.65			.66			.75			.52	.59			.78			.99			.60
	CI upper bound	40.4			37.9			38.9			37.8	40.4			39.5			39.4			38.6
	CI lower bound	37.9			35.3			35.9			35.8	38.0			36.4			35.5			36.2
Quantitative	Mean	26.9			25.6			27.0			28.6	28.9			28.7			29.3			31.2
Reasoning	n	494			510			398			733	666			351			215			536
· ·	SD	16.5			15.3			14.0			14.1	16.3			16.5			15.8			15.2
	SE	.74			.68			.70			.52	.63			.88			1.08			.65
	CI upper bound	28.4			27.0			28.3			29.7	30.2			30.4			31.4			32.5
	CI lower bound	25.5			24.3			25.6			27.6	27.7			27.0			27.2			30.0
Academic Challenge (additional item	s)																			
Preparing for Class	Mean	11.8			13.1			12.7			12.8	12.3			12.6			14.3			14.0
(hours/week)	n	432			431			380			715	610			315			205			531
, ,	SD	7.5			7.8			7.8			7.3	8.3			7.9			8.7			8.4
	SE	.36			.37			.40			.27	.34			.44			.60			.36
	CI upper bound	12.5			13.8			13.5			13.4	12.9			13.5			15.5			14.7
	CI lower bound	11.1			12.3			12.0			12.3	11.6			11.7			13.2			13.3
Course Reading	Mean	6.3			6.1			5.6			5.4	6.1			6.1			7.1			6.0
Est. hrs per wk	n	434			429			373			708	607			314			202			524
calculated from two	SD	5.4			5.5			4.9			5.0	5.4			5.4			6.3			5.7
items. Item wording	SE	.26			.27			.25			.19	.22			.30			.44			.25
changed in 2014;	CI upper bound	6.8			6.6			6.1			5.7	6.5			6.7			8.0			6.5
comparability with '13 is limited.	CI lower bound	5.8			5.5			5.1			5.0	5.6			5.5			6.3			5.5

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 Items

University of Nebraska at Omaha

					First	-year s	tuden	ts		Seniors											
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
Academic Challenge (d	ıdditional item	s, contii	nued)																		
Assigned Writing	Mean	54.4			52.3			45.4			58.0	67.8			67.7			81.7			71.5
Estimated number of	n	434			453			398			729	593			316			214			536
pages calculated from	SD	82.9			67.5			53.8			83.6	81.9			74.4			94.5			89.3
three survey questions.	SE	3.98			3.17			2.70			3.10	3.36			4.18			6.46			3.86
	CI upper bound	62.2			58.5			50.7			64.1	74.4			75.9			94.4			79.0
	CI lower bound	46.6			46.0			40.1			52.0	61.2			59.5			69.0			63.9
Course Challenge	Mean	5.4			5.2			5.3			5.2	5.5			5.5			5.4			5.4
Extent to which courses	n	461			463			396			725	638			329			209			535
challenged students to	SD	1.2			1.2			1.3			1.2	1.1			1.2			1.3			1.4
do best work (1="Not	SE	.06			.06			.06			.04	.04			.06			.09			.06
at all" to 7="Very	CI upper bound	5.5			5.3			5.4			5.3	5.6			5.7			5.6			5.5
much").	CI lower bound	5.3			5.1			5.1			5.2	5.4			5.4			5.3			5.3
Academic	Mean	3.1			3.0			2.9			3.0	3.1			3.0			3.0			3.0
Emphasis	n	437			438			388			717	610			320			210			532
Perceived inst'l emphasis	SD	0.7			0.8			0.8			0.7	0.8			0.8			0.7			0.8
on spending significant	SE	.04			.04			.04			.03	.03			.04			.05			.03
time studying and on	CI upper bound	3.2			3.1			3.0			3.0	3.1			3.1			3.1			3.1
academic work (1 = "Very little" to 4 = "Very much").	CI lower bound	3.1			2.9			2.9			2.9	3.0			2.9			2.9			2.9
Learning with Peers																					
Collaborative	Mean	27.6			27.6			29.2			27.5	29.0			30.6			31.3			26.4
Learning	n	509			542			474			813	675			361			238			574
2008	SD	13.9			14.5			14.7			14.0	14.1			14.2			14.3			15.6
	SE	.62			.62			.68			.49	.54			.75			.92			.65
	CI upper bound	28.8			28.8			30.5			28.4	30.1			32.0			33.1			27.7
	CI lower bound	26.4			26.4			27.9			26.5	28.0			29.1			29.5			25.1
Discussions with	Mean	40.0			38.3			38.4			39.2	40.7			40.7			40.3			38.3
Diverse Others	n	461			462			391			728	634			333			214			537
2	SD	16.4			16.0			15.3			15.6	15.9			16.3			15.4			16.5
	SE	.76			.74			.78			.58	.63			.89			1.06			.71
	CI upper bound	41.5			39.8			39.9			40.3	41.9			42.4			42.4			39.7
	CI lower bound	38.5			36.9			36.9			38.1	39.5			38.9			38.2			36.9

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 Items

University of Nebraska at Omaha

					First-	year s	tuden	ts		Seniors											
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
Experiences with Facu	lty																				
Student-Faculty	Mean	19.4			19.2			20.1			20.8	22.9			23.5			22.5			21.7
Interaction	n	490			513			425			769	662			351			233			546
	SD	14.0			14.8			14.0			14.4	16.0			15.7			14.7			15.7
	SE	.63			.65			.68			.52	.62			.84			.96			.67
	CI upper bound	20.6			20.5			21.5			21.8	24.1			25.1			24.4			23.0
	CI lower bound	18.2			17.9			18.8			19.8	21.6			21.8			20.7			20.4
Effective Teaching	Mean	40.9			37.3			37.6			39.8	40.6			40.2			40.5			40.6
Practices	n	500			516			409			751	670			356			218			545
	SD	12.5			12.9			13.1			13.0	13.0			12.9			13.5			13.2
	SE	.56			.57			.65			.47	.50			.69			.92			.57
	CI upper bound	42.0			38.4			38.8			40.8	41.6			41.6			42.3			41.7
	CI lower bound	39.9			36.2			36.3			38.9	39.6			38.9			38.7			39.5
Campus Environment																					
Quality of	Mean	40.0			39.9			41.0			43.2	42.9			42.5			44.9			43.8
Interactions	n	437			429			355			658	604			317			189			478
	SD	12.8			13.5			13.1			11.4	11.5			11.7			10.4			11.7
	SE	.61			.65			.70			.45	.47			.66			.76			.53
	CI upper bound	41.2			41.1			42.4			44.1	43.8			43.8			46.4			44.9
	CI lower bound	38.8			38.6			39.7			42.4	42.0			41.2			43.4			42.8
Supportive	Mean	33.9			33.9			33.3			33.8	29.7			31.2			31.4			31.3
Environment	n	436			425			380			717	608			316			208			532
	SD	13.8			14.2			13.3			13.2	14.0			13.3			13.0			13.9
	SE	.66			.69			.68			.49	.57			.75			.90			.60
	CI upper bound	35.2			35.2			34.6			34.7	30.8			32.7			33.1			32.5
	CI lower bound	32.6			32.5			31.9			32.8	28.6			29.7			29.6			30.1

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: High-Impact Practices

University of Nebraska at Omaha

	A. Omericanic				First	-vear s	tuden	ts	•	2.2.0						Senio	ors				
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
	%	49	14	15	52	1/	10	53	20	21	53	60	14	15	59	1/	10	68	20	21	67
Service-Learning ^a	n n	460			459			392			717	635			329			209			533
	SE	2.3			2.3			2.5			1.9	1.9			2.7			3.2			2.0
	CI upper bound (%)	54			56			58			56	64			64			75			71
	CI lower bound (%)	45			47			48			49	56			53			62			63
Learning Community ^a	%	14			15			15			13	21			27			24			19
Learning Community	n	461			460			392			722	637			329			211			536
	SE	1.6			1.7			1.8			1.3	1.6			2.4			2.9			1.7
	CI upper bound (%)	18			19			19			15	24			32			30			23
	CI lower bound (%)	11			12			11			11	18			22			18			16
Research with	%	4			3			4			4	17			19			17			18
Faculty ^a	n	458			459			390			721	634			328			212			533
racuity	SE	0.9			0.8			1.0			0.7	1.5			2.2			2.6			1.7
	CI upper bound (%)	6			5			6			5	19			23			22			21
	CI lower bound (%)	2			2			2			2	14			15			12			15
Internship or Field	%	66			74			64			61	50			49			47			47
Experience ^b	n	460			461			392			724	640			329			212			536
(First-year results: Plan to	SE	2.2			2.1			2.4			1.8	2.0			2.8			3.4			2.2
do)	CI upper bound (%)	70			78			69			64	54			54			54			52
	CI lower bound (%)	62 35			70 35			60 31			57 24	46 11			43 13			41 12			43 5
Study Abroad ^b	n	463			457			393			720	635			330			212			5
(First-year results: Plan to	SE	2.2			2.2			2.3			1.6	1.2			1.9			2.2			1.0
do)	CI upper bound (%)	39			39			36			27	13			1.9			16			7.0
	CI lower bound (%)	31			31			27			21	8			9			7			3
Culminating Senior	%	42			47			47			39	36			39			36			38
	n	460			460			393			721	632			330			212			532
Experience ^b	SE	2.3			2.3			2.5			1.8	1.9			2.7			3.3			2.1
(First-year results: Plan to	CI upper bound (%)	46			51			51			43	40			44			43			43
do)	CI lower bound (%)	37			42			42			35	32			34			30			34
Overall HIP Participation	on ^c																				
Participated in one	%	40			42			45			48	27			24			27			28
HIP	n	464			461			393			723	640			331			212			537
nir	SE	2.3			2.3			2.5			1.9	1.8			2.3			3.1			1.9
	CI upper bound (%)	44			47			50			52	30			28			33			32
	CI lower bound (%)	35			38			40			44	24			19			21			24
Participated in two	%	13			13			13			10	57	<u></u>		60			60			57
or more HIPs	n	464			461			393			723	640			331			212			537
55rc riii 5	SE	1.6			1.6			1.7			1.1	2.0			2.7			3.4			2.1
	CI upper bound (%)	16			16			16			12	61			65			66			61
	CI lower bound (%)	10			10			10			8	53			55			53			53

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).

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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.