

Angelo 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 number of respondents, standard deviation, and standard error so that statistical tests can be calculated.

For more information and recommendations for analyzing NSSE data over time, consult the *Multi-Year Data Analysis Guide* on the NSSE website. nsse.indiana.edu/pdf/MYDAG.pdf

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 a learning community, service- learning, and research with faculty, and who planned to do 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—Institution Version, updated with current data in the fall, allows for multi-year analysis of Engagement Indicators and individual items. It also affords the analysis of results by subpopulation.



Administration Summaries

Angelo 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

		Fii	r <mark>st-year stude</mark> n	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	13%	+/- 6.0%	231	155	76	24%	+/- 6.4%	178	134	44				
2014														
2015	22%	+/- 4.6%	355	234	121	28%	+/- 4.9%	284	223	61				
2016	14%	+/- 6.0%	230	166	64	21%	+/- 6.2%	198	142	56				
2017	20%	+/- 4.5%	377	300	77	31%	+/- 4.7%	302	247	55				
2018														
2019														

2020

Administration Details by Participation Year

	Recruitment		Incentives		Report Sample	
Year	method	Sample type	offered	Additional question sets	identified ^d BCSSE	FSSE
2013	Email	Census	No	None	No No	No
2014						
2015	Email	Census	Yes	Civic Engagement, FY Experiences / Sr Transitions	No No	No
2016	Email	Census	No	None	No No	No
2017	Email	Census	Yes	Civic Engagement, FY Experiences / Sr Transitions	No Yes	No
2018						
2019						

2020

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 survey item percentages 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.

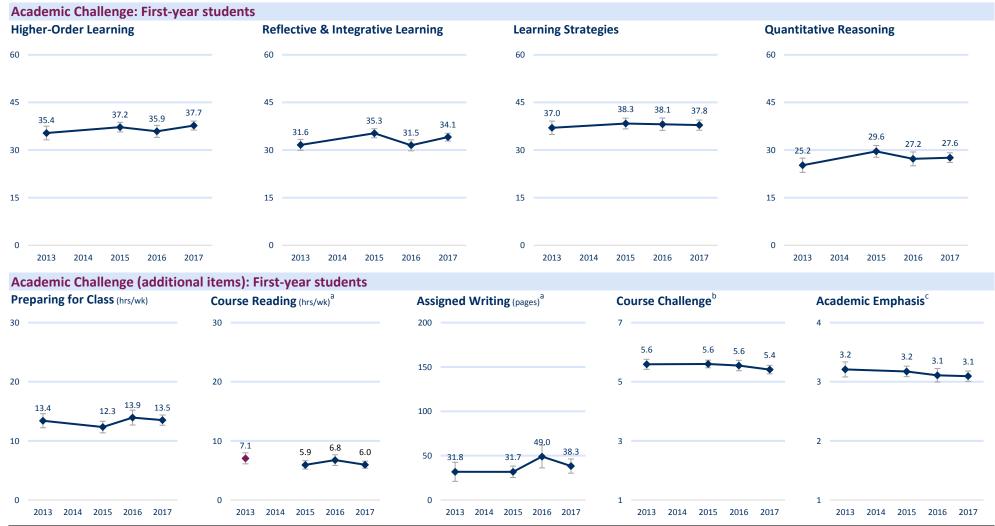
d. Starting in 2017, institutions had the option to flag a subset of students for exclusion from reports. Refer to your Administration Summary report(s).

NSSE national survey of student engagement

NSSE 2017 Multi-Year Report Engagement Results by Theme

Angelo 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 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").

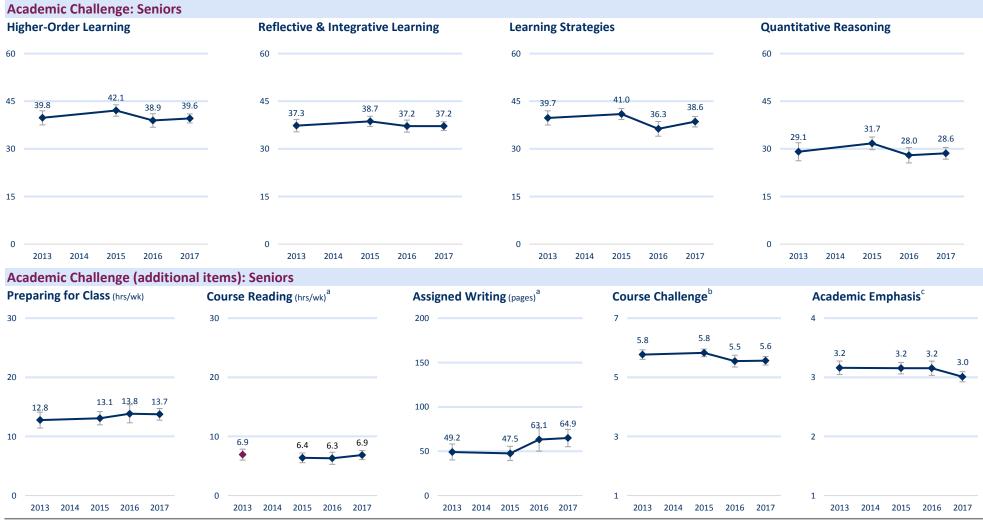
c. How much students said the institution emphasizes spending significant time studying and on academic work (1 = "Very little," 2 = "Some," 3 = "Quite a bit," and 4 = "Very much").



NSSE 2017 Multi-Year Report Engagement Results by Theme

Angelo State University

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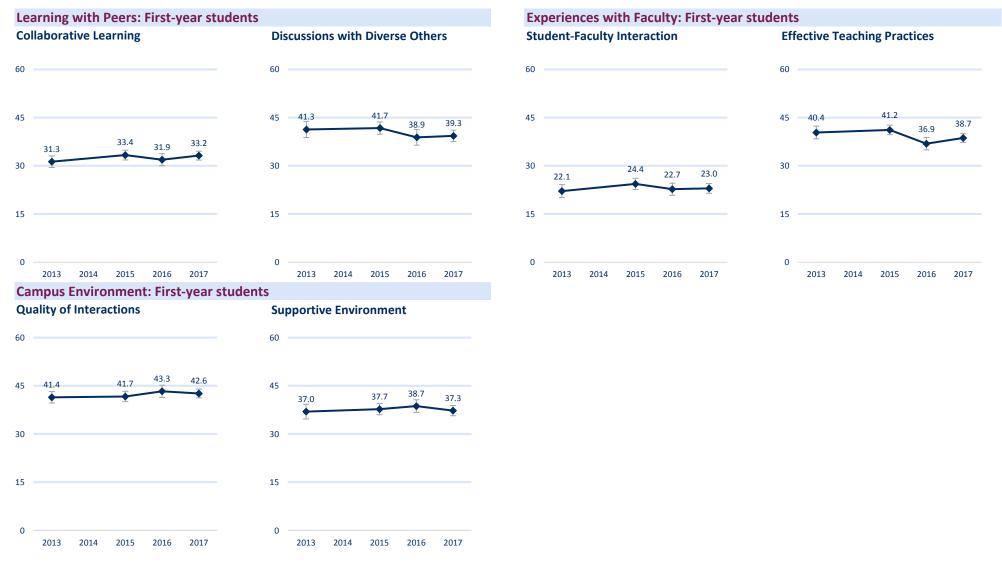
NSSE national survey of student engagement

NSSE 2017 Multi-Year Report

Engagement Results by Theme

Angelo State University

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NSSE 2017 Multi-Year Report Engagement Results by Theme

Angelo State University

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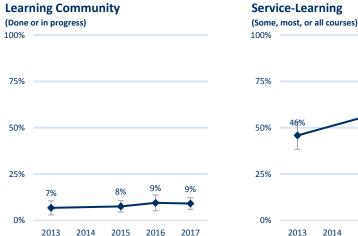
High-Impact Practices Angelo State University

Due to their positive associations with student learning and retention, special 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.

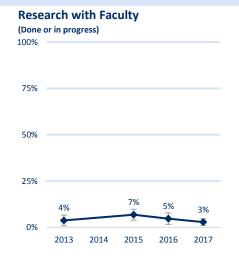
High-Impact Practices: First-year students

national survey of

student engagement







Overall first-year HIP participation

The figure below displays the percentages of first-year students who participated in one, and two or more, HIPs. The figure is limited to participation in a learning community, servicelearning, and research with faculty.



Internship/Field Experience (Plan to do) 100%



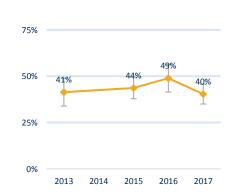


100%





100%





High-Impact Practices Angelo State University

Research with Faculty

(Done or in progress)

Due to their positive associations with student learning and retention, special 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.

100%

75%

50%

25%

0%

100%

0%

2013

(Done or in progress)

2014

Culminating Senior Experience

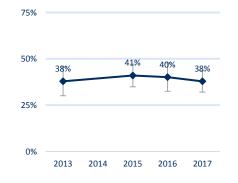
2015

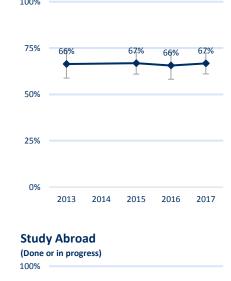
2016

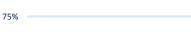
2017

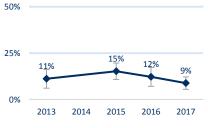
High-Impact Practices: Seniors















Overall senior HIP participation

The figure below displays the percentages of seniors who participated in one, and two or more, HIPs. The figure includes all six HIPs.





Detailed Statistics: Engagement Indicators and Additional Items

Angelo State University

				Firs	st-year s	students	5			Seniors									
		2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	202		
Academic Challenge																			
Higher-Order Learning	Mean	35.4		37.2	35.9	37.7				39.8		42.1	38.9	39.6					
0 0	п	195		303	206	355				160		258	179	280					
	SD	15.3		13.5	13.8	13.5				14.3		14.7	14.5	12.2					
	SE	1.10		.78	.96	.71				1.13		.92	1.09	.73					
	CI upper bound	37.5		38.7	37.8	39.1				42.0		43.9	41.1	41.0					
	CI lower bound	33.2		35.7	34.0	36.3				37.6		40.3	36.8	38.2					
Reflective & Integrative	Mean	31.6		35.3	31.5	34.1				37.3		38.7	37.2	37.2					
Learning	п	203		318	211	365				163		270	185	291					
Leanning	SD	12.5		13.0	12.8	11.9				12.8		13.4	13.2	11.8					
	SE	.88		.73	.88	.62				1.00		.81	.97	.69					
	CI upper bound	33.4		36.7	33.2	35.3				39.3		40.3	39.1	38.5					
	CI lower bound	29.9		33.9	29.8	32.8				35.4		37.1	35.3	35.8					
Learning Strategies	Mean	37.0		38.3	38.1	37.8				39.7		41.0	36.3	38.6					
0.000	п	170		277	179	328				149		252	163	269					
	SD	14.0		14.3	13.4	14.9				13.9		14.0	15.1	13.8					
	SE	1.08		.86	1.00	.82				1.14		.88	1.18	.84					
	CI upper bound	39.1		40.0	40.1	39.5				42.0		42.7	38.6	40.2					
	CI lower bound	34.9		36.7	36.2	36.2				37.5		39.2	34.0	36.9					
Quantitative Reasoning	Mean	25.2		29.6	27.2	27.6				29.1		31.7	28.0	28.6					
8	п	197		311	201	356				164		267	174	279					
	SD	16.2		16.7	15.8	14.7				18.6		16.6	16.2	15.7					
	SE	1.15		.95	1.11	.78				1.45		1.02	1.23	.94					
	CI upper bound	27.5		31.4	29.4	29.1				31.9		33.7	30.4	30.4					
	CI lower bound	23.0		27.7	25.0	26.1				26.2		29.7	25.6	26.7					
Academic Challenge (additi	ional items)																		
Preparing for Class	Mean	13.4		12.3	13.9	13.5				12.8		13.1	13.8	13.7					
(hours/week)	п	157		247	165	308				135		233	141	254					
(nours) week)	SD	7.6		7.9	8.2	7.8				8.0		8.7	9.3	8.0					
	SE	.61		.50	.64	.44				.68		.57	.78	.50					
	CI upper bound	14.6		13.3	15.2	14.4				14.1		14.2	15.4	14.7					
	CI lower bound	12.2		11.4	12.7	12.6				11.4		12.0	12.3	12.7					
Course Reading	Mean	7.1		5.9	6.8	6.0				6.9		6.4	6.3	6.9					
Estimated hours per week	n	156		238	164	308				135		220	139	253					
calculated from two survey	SD	6.0		5.6	5.9	5.3				5.5		6.2	6.2	6.3					
questions. Item wording changed in	SE	.48		.36	.46	.30				.47		.42	.52	.39					
2014; comparability between 2013	CI upper bound	8.0		6.7	7.7	6.6				7.9		7.2	7.3	7.6					
and later years is limited.	CI lower bound	6.1		5.2	5.9	5.4				6.0		5.6	5.3	6.1					

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 Items

Angelo State University

				Firs	st-year s	tudents	;			Seniors									
		2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	202		
cademic Challenge (addit	ional items, coi	ntinued)																	
Assigned Writing	Mean	31.8		31.7	49.0	38.3				49.2		47.5	63.1	64.9					
Estimated number of pages	n	160		269	180	332				134		228	155	266					
calculated from three survey	SD	69.4		54.3	87.8	74.5				52.9		61.4	82.8	81.6					
questions.	SE	5.49		3.31	6.53	4.09				4.58		4.07	6.64	5.00					
	CI upper bound	42.6		38.2	61.8	46.3				58.1		55.5	76.1	74.7					
	CI lower bound	21.0		25.3	36.2	30.3				40.2		39.6	50.1	55.1					
Course Challenge	Mean	5.6		5.6	5.6	5.4				5.8		5.8	5.5	5.6					
Extent to which courses challenged	n	172		286	181	327				151		251	163	270					
students to do their best work (1 =	SD	1.1		1.1	1.2	1.3				1.0		1.0	1.3	1.2					
"Not at all" to 7 = "Very much").	SE	.09		.07	.09	.07				.08		.07	.10	.07					
	CI upper bound	5.8		5.7	5.7	5.6				5.9		6.0	5.7	5.7					
	CI lower bound	5.4		5.5	5.4	5.3				5.6		5.7	5.3	5.4					
Academic Emphasis	Mean	3.2		3.2	3.1	3.1				3.2		3.2	3.2	3.0					
Perceived institutional emphasis on	n	156		248	169	309				136		232	144	256					
spending significant time studying	SD	0.8		0.7	0.8	0.8				0.7		0.8	0.7	0.7					
and on academic work (1 = "Very	SE	.07		.05	.06	.04				.06		.05	.06	.04					
little," 2 = "Some," 3 = "Quite a bit,"	CI upper bound	3.3		3.3	3.2	3.2				3.3		3.3	3.3	3.1					
and 4 = "Very much").	CI lower bound	3.1		3.1	3.0	3.0				3.0		3.1	3.0	2.9					
earning with Peers																			
Collaborative Learning	Mean	31.3		33.4	31.9	33.2				32.6		33.2	34.2	34.9					
-	n	213		333	217	372				167		272	190	297					
	SD	13.4		14.2	14.0	13.5				15.5		15.0	14.3	14.6					
	SE	.92		.78	.95	.70				1.20		.91	1.04	.85					
	CI upper bound	33.1		34.9	33.8	34.5				34.9		35.0	36.2	36.5					
	CI lower bound	29.5		31.8	30.1	31.8				30.2		31.5	32.1	33.2					
Discussions with	Mean	41.3		41.7	38.9	39.3				44.0		41.9	43.2	42.2					
Diverse Others	n	174		280	182	328				147		251	161	269					
Differse Others	SD	16.9		16.3	16.7	16.5				15.8		17.2	16.1	15.8					
	SE	1.28		.97	1.24	.91				1.30		1.09	1.27	.97					
	CI upper bound	43.8		43.7	41.3	41.1				46.6		44.0	45.7	44.1					
	CI lower bound	38.8		39.8	36.4	37.5				41.5		39.8	40.7	40.3					

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

Angelo State University

				Firs	st-year s	tudents	5						Senic	ors			
		2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	2020
Experiences with Faculty																	
Student-Faculty	Mean	22.1		24.4	22.7	23.0				25.1		27.3	28.1	29.2			
Interaction	п	200		312	206	362				164		264	182	284			
interaction	SD	14.5		15.5	13.8	14.8				17.1		16.9	16.7	14.8			
	SE	1.03		.88	.96	.78				1.34		1.04	1.23	.88			
	CI upper bound	24.1		26.1	24.6	24.5				27.7		29.3	30.5	31.0			
	CI lower bound	20.1		22.7	20.8	21.4				22.5		25.2	25.7	27.5			
Effective Teaching	Mean	40.4		41.2	36.9	38.7				42.5		42.1	41.2	41.1			
Practices	п	202		312	204	357				166		268	181	284			
Flactices	SD	14.3		13.3	14.2	13.2				14.2		14.0	12.7	12.7			
	SE	1.01		.75	.99	.70				1.10		.85	.94	.76			
	CI upper bound	42.4		42.6	38.8	40.0				44.7		43.8	43.1	42.5			
	CI lower bound	38.4		39.7	34.9	37.3				40.4		40.4	39.4	39.6			
Campus Environment																	
Quality of Interactions	Mean	41.4		41.7	43.3	42.6				42.7		45.1	45.3	45.0			
	п	169		274	172	316				144		247	154	265			
	SD	11.8		13.6	12.7	12.4				11.4		10.8	12.0	10.8			
	SE	.91		.82	.97	.70				.95		.69	.96	.66			
	CI upper bound	43.2		43.3	45.2	44.0				44.5		46.5	47.2	46.3			
	CI lower bound	39.6		40.1	41.4	41.2				40.8		43.8	43.5	43.7			
Supportive Environment	Mean	37.0		37.7	38.7	37.3				35.5		37.2	37.2	36.1			
	п	154		246	167	310				134		229	142	255			
	SD	14.5		14.2	13.0	14.2				12.0		13.5	13.2	12.7			
	SE	1.17		.90	1.00	.81				1.04		.89	1.11	.79			
	CI upper bound	39.3		39.5	40.6	38.8				37.5		38.9	39.4	37.7			
	CI lower bound	34.7		36.0	36.7	35.7				33.5		35.4	35.0	34.5			

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: High-Impact Practices

Angelo State University

				Firs	st-year s	students	5			Seniors									
		2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	2020		
Learning Community ^a	%	7		8	9	9				19		26	27	22					
Leaning containty	n	168		284	180	323				148		252	160	270					
	SE	1.9		1.6	2.2	1.6				3.2		2.8	3.5	2.5					
	Cl upper bound (%)	11		11	14	12				25		31	34	27					
	CI lower bound (%)	3		4	5	6				13		20	20	17					
Service-Learning ^a	%	46		56	61	60				66		67	66	67					
0	n	172		266	177	321				150		244	159	270					
	SE	3.8		3.0	3.7	2.7				3.9		3.0	3.8	2.9					
	CI upper bound (%)	53		62	68	66				74		73	73	72					
	Cl lower bound (%)	38		50	54	55				59		61	58	61					
Research with Faculty ^a	%	4		7	5	3				16		22	19	20					
	п	168		285	180	323				150		251	160	270					
	SE	1.5		1.5	1.6	0.9				3.0		2.6	3.1	2.4					
	CI upper bound (%)	7		10	8	5				22		27	26	25					
	CI lower bound (%)	1		4	2	1				10		17	13	15					
Internship or Field	%	71		68	67	68				38		41	40	38					
Experience	n	170		285	180	325				150		252	159	269					
(First-year results: Plan to do)	SE	3.5		2.8	3.5	2.6				4.0		3.1	3.9	3.0					
(Thist-year results. Flatt to do)	CI upper bound (%)	78		74	74	73				46		47	48	44					
	CI lower bound (%)	64		63	60	63				30		35	32	32					
Study Abroad	%	37		37	42	38				11		15	12	9					
(First-year results: Plan to do)	n	163		281	178	322				150		251	160	271					
	SE	3.8		2.9	3.7	2.7				2.6		2.3	2.6	1.7					
	CI upper bound (%)	45		43	49	44				16		20	17	12					
	CI lower bound (%)	30		31	35	33				6		11	7	5					
Culminating Senior	%	41		44	49	40				26		39	35	33					
Experience	n	167		281	173	322				150		253	160	270					
(First-year results: Plan to do)	SE	3.8		3.0	3.8	2.7				3.6		3.1	3.8	2.9					
(Thist-year results. Flatt to do)	CI upper bound (%)	49		49	56	46				33		45	43	38					
	CI lower bound (%)	34		38	41	35				19		33	28	27					
Overall HIP Participati	on ^o																		
Participated in one HIP	%	45		48	54	53				33		26	27	31					
	п	173		285	180	323				151		253	161	271					
	SE	3.8		3.0	3.7	2.8				3.8		2.8	3.5	2.8					
	CI upper bound (%)	53		54	61	59				41		32	34	37					
	CI lower bound (%)	38		42	47	48				26		21	20	26					
Participated in two or	%	4		9	10	9				49		60	58	55					
more HIPs	n	173		285	180	323				151		253	161	271					
more mins	SE	1.6		1.7	2.2	1.6				4.1		3.1	3.9	3.0					
	CI upper bound (%)	8		12	14	12				57		66	66	61					
	CI lower bound (%)	1		6	5	6				41		54	51	49					

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

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