

Missouri State University

Prepared 2025-08-02 IPEDS: 179566



### **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**

### **Missouri 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	rst-year studen	its						
-	_	_	Total	Full	Partial			Total	Full	Partial
Year	Response rate <sup>a</sup>	Sampling error <sup>b</sup>	respondents <sup>c</sup>	completions	completions	Response rate <sup>a</sup>	Sampling error <sup>b</sup>	respondents <sup>c</sup>	completions	completions
2013										
2014										
2015	36%	+/- 2.4%	1,040	898	142	26%	+/- 2.6%	1,034	912	122
2016	29%	+/- 2.7%	930	703	227	18%	+/- 3.4%	689	563	126
2017										
2018										
2019	39%	+/- 2.3%	1,150	1,005	145	32%	+/- 1.8%	1,904	1,737	167
2020										
2021										
2022	26%	+/- 3.2%	702	549	153	21%	+/- 2.7%	1,051	885	166
2023										
2024										
2025	25%	+/- 2.7%	963	763	200	25%	+/- 2.6%	1,088	946	142
Adminis	tration Dotails	by Participatio	n Voor							

#### 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							
2015	Email	Census	Yes	FY Experiences / Sr Transitions, Sustainability Education Consortium		Yes	Yes
2016	Email	Census	Yes	Transferable Skills, Writing Experiences		Yes	No
2017							
2018							
2019	Email	Census	Yes	Transferable Skills, FY Experiences / Sr Transitions	No	Yes	No
2020							
2021							
2022	Email	Census	Yes	Inclusiv & Cult Div, Career Preparation	No	Yes	No
2023							
2024							
2025	Email	Census	Yes	Career Preparation, Mental Health & Well-Being	No	Yes	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.

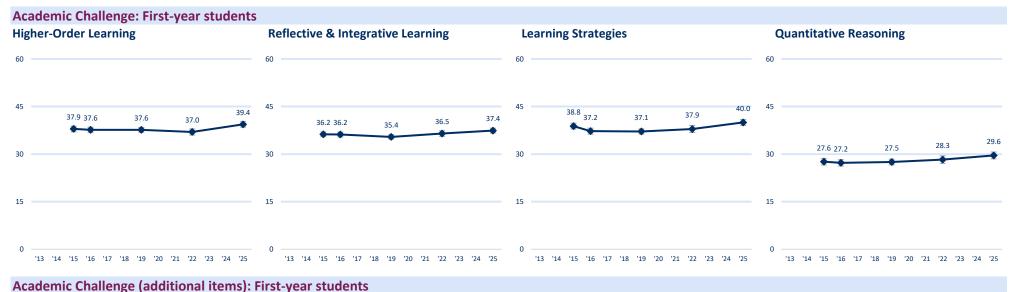
c. Count used to calculate response rates and sampling errors for each Administration Summary report. Includes all census-administered and randomly sampled students, regardless of "Report Sample" designation.

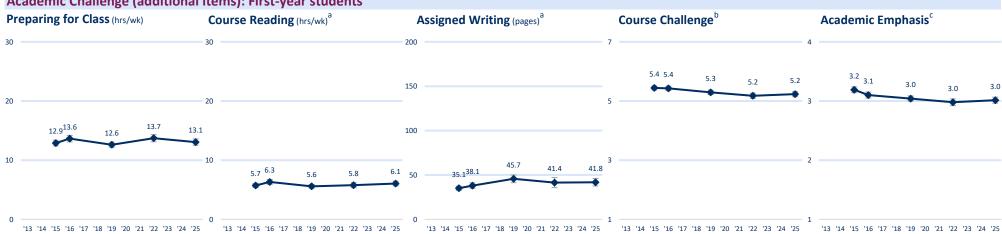
d. Starting in 2017, institutions had the option to flag a subset of students for exclusion from reports. Refer to your Administration Summary reports. When applied, results will be unweighted.



# Engagement Results by Theme Missouri 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.





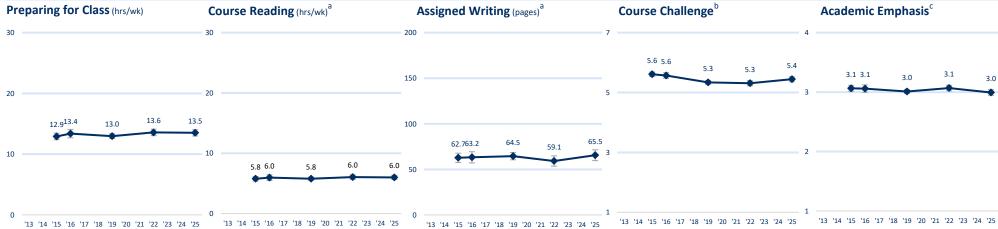
- a. Values for Course Reading and Assigned Writing are estimates calculated from two or more survey questions.
- b. Extent to which courses challenged students to do their best work (1 = "Not at all" to 7 = "Very much").
- c. How much students said the institution emphasizes spending significant time studying and on academic work (1 = "Very little," 2 = "Some," 3 = "Quite a bit," and 4 = "Very much").



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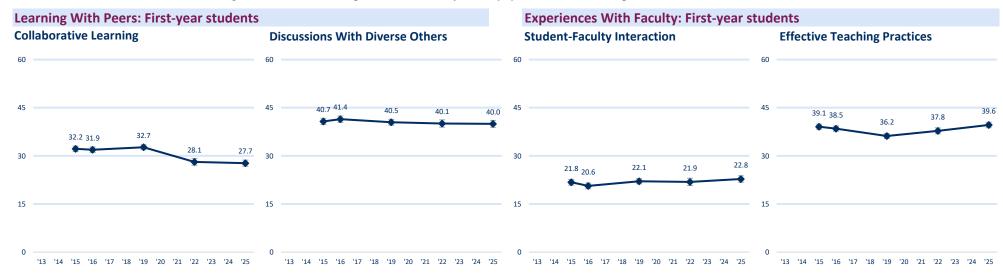


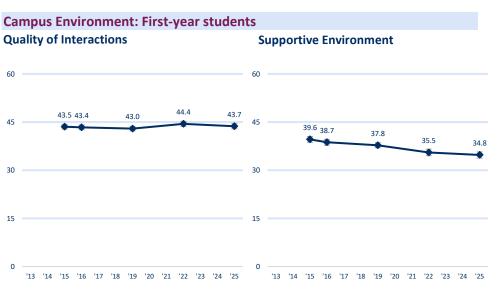
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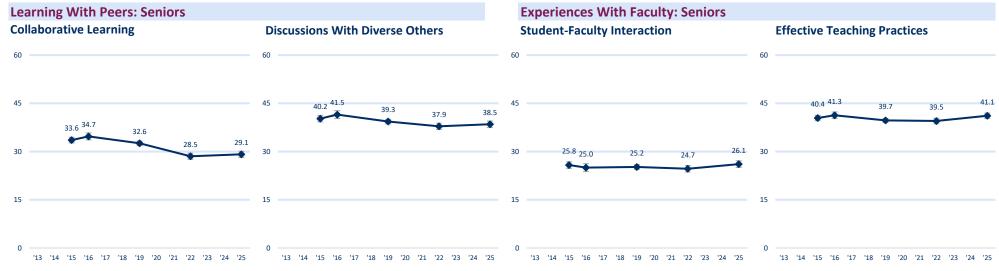


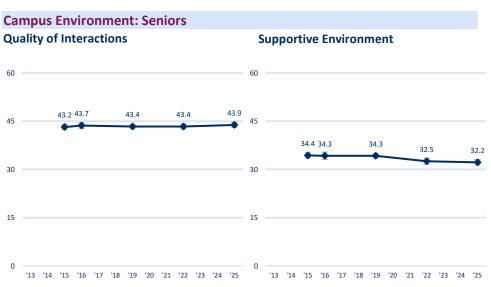




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### **High-Impact Practices**

### **Missouri 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.

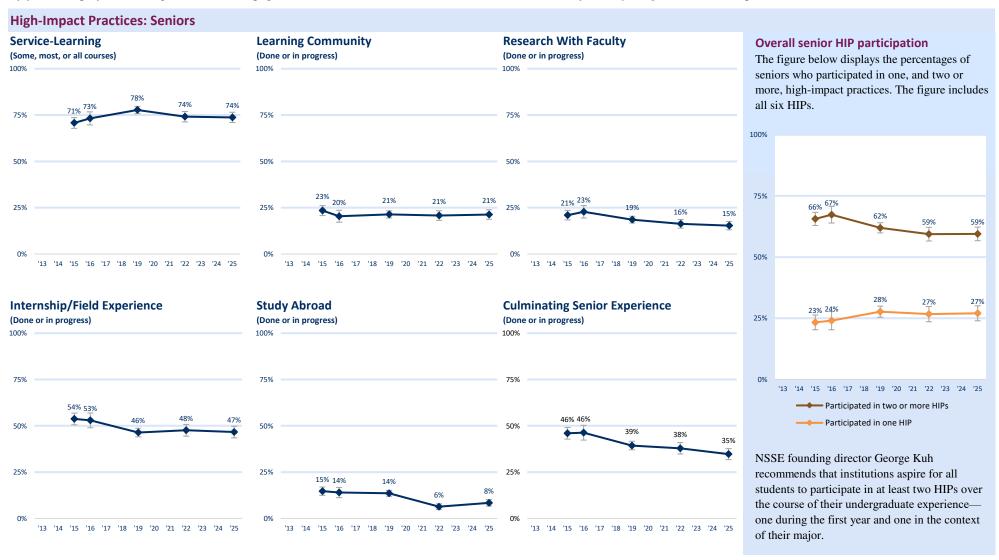




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**Detailed Statistics: Engagement Indicators and Additional Challenge Items** 

**Missouri State University** 

						First-	year	stude	nts											Seni	ors						
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	1;
Academic Chall	enge																										
Higher-Order	Mean			37.9	37.6			37.6			37.0			39.4			40.2	40.1			38.9			39.8			40
Learning	n			944	850			1,057			640			834			962	624			1,799			972			1,0
•	SD			13.9	12.7			12.5			12.4			12.9			14.2	14.4			13.3			14.0			14
	SE			.45	.43			.38			.49			.45			.46	.58			.31			.45			
	CI up bnd			38.8	38.5			38.4			37.9			40.2			41.1	41.2			39.5			40.6			41
	CI low bnd			37.0	36.8			36.9			36.0			38.5			39.3	39.0			38.3			38.9			39
Reflective &	Mean			36.2	36.2			35.4			36.5			37.4			40.3	39.1			38.3			39.4			39
Integrative	n			977	870			1,094			668			896			981	656			1,837			1,006			1,0
Learning	SD			12.0	11.3			11.5			11.6			11.6			12.6	13.1			12.3			13.1			12
Learning	SE			.38	.38			.35			.45			.39			.40	.51			.29			.41			.3
	CI up bnd			37.0	36.9			36.1			37.4			38.2			41.1	40.1			38.9			40.2			40
	CI low bnd			35.5	35.4			34.7			35.6			36.6			39.5	38.1			37.8			38.6			38
Learning	Mean			38.8	37.2			37.1			37.9			40.0			40.2	40.4			37.2			39.0			39
Strategies	n			917	788			1,032			612			803			943	592			1,768			949			98
	SD			14.2	13.3			13.4			13.7			13.5			14.4	14.3			14.5			14.5			14
	SE			.47	.47			.42			.55			.48			.47	.59			.34			.47			.4
	CI up bnd			39.7	38.2			37.9			39.0			40.9			41.1	41.5			37.9			39.9			40
	CI low bnd			37.9	36.3			36.3			36.8			39.0			39.3	39.2			36.6			38.1			38
Quantitative	Mean			<b>27.6</b> 964	27.2			27.5			28.3			29.6			30.1	30.2			29.4			29.0			30
Reasoning	n SD			16.5	850 14.9			1,034 14.8			618 14.9			816 15.7			979 16.4	634 16.9			1,776 15.9			956 16.7			98 16
	SE			.53	.51			.46			.60			.55			.52	.67			.38			.54			.5
	CI up bnd			28.7	28.2			28.4			29.4			30.7			31.1	31.5			30.1			30.0			31
	CI up bna CI low bnd			26.6	26.2			26.6			27.1			28.5			29.0	28.9			28.6			27.9			29
Academic Chall		itional	itomo		20.2			20.0			27.1			20.3			29.0	20.5			28.0			27.5			
	enge (aaa <sub>Mean</sub>	itionai	items,	/ 12.9	13.6			12.6			13.7			13.1			12.9	13.4			13.0			13.6			13
Preparing for	n ivieuri			891	717			1,019			598			786			922	574			1,741			936			96
Class (hours/week)	SD			7.5	7.4			7.1			7.5			7.8			8.4	8.4			8.2			8.4			8
	SE			.25	.28			.22			.31			.28			.28	.35			.20			.27			.2
	CI up bnd			13.4	14.2			13.0			14.3			13.6			13.5	14.1			13.3			14.1			14
	CI low bnd			12.4	13.1			12.2			13.1			12.5			12.4	12.7			12.6			13.0			13
Course	Mean			5.7	6.3			5.6			5.8			6.1			5.8	6.0			5.8			6.0			6
Est. hrs per week	n			878	715			1,010			596			781			912	572			1,730			927			95
calculated from two	SD.			5.1	5.5			4.9			5.3			5.7			5.6	5.8			5.6			5.7			5
items.	SE			.17	.21			.15			.22			.20			.19	.24			.13			.19			
	CI up bnd			6.1	6.7			5.9			6.2			6.5			6.1	6.4			6.0			6.4			
	CI low bnd			5.4	5.9			5.3			5.3			5.7			5.4	5.5			5.5			5.7			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 Challenge Items**

**Missouri State University** 

			First-year students  '13 '14 '15 '16 '17 '18 '19 '20 '21 '22 '23 '24 '25 '13 '14 '15 '16 '17 '18 '19 '20 '21 '22 '10 '10 '10 '10 '10 '10 '10 '10 '10 '10																								
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	12
Academic Challe	nge (ada	ditional it	tems,	contii	nued)																						
Assigned	Mean			35.1	38.1			45.7			41.4			41.8			62.7	63.2			64.5			59.1			65
Writing	n			884	747			1,035			615			812			869	563			1,773			954			9
Est. no. of pages	SD			36.1	43.6			71.1			72.0			61.7			76.5	74.5			85.7			88.9			94
calculated from three	SE			1.21	1.59			2.21			2.90			2.16			2.60	3.14			2.04			2.88			3.0
survey questions.	CI up bnd			37.5	41.2			50.0			47.1			46.0			67.7	69.4			68.5			64.8			71
	CI low bnd			32.7	35.0			41.4			35.8			37.5			57.6	57.1			60.5			53.5			59
Course	Mean			5.4	5.4			5.3			5.2			5.2			5.6	5.6			5.3			5.3			5
Challenge	n			932	792			1,029			613			800			952	602			1,763			949			97
Extent courses	SD			1.1	1.1			1.2			1.1			1.3			1.2	1.2			1.3			1.4			1
challenged students to	SE			.03	.04			.04			.05			.04			.04	.05			.03			.04			.0
do best work (1="Not at all" to 7="Very much").	CI up bnd			5.5	5.5			5.4			5.3			5.3			5.7	5.7			5.4			5.4			5
all to 7= very much j.	CI low bnd			5.4	5.4			5.2			5.1			5.1			5.5	5.5			5.3			5.2			5
Academic	Mean			3.2	3.1			3.0			3.0			3.0			3.1	3.1			3.0			3.1			3
Emphasis	n			894	729			1,025			606			791			926	581			1,753			944			97
Perceived inst. emphasis	SD			0.7	0.7			0.7			0.7			0.7			0.8	0.8			0.7			0.7			0.
on spending time	SE			.02	.03			.02			.03			.03			.03	.03			.02			.02			.0
studying and on acad. work (1 = "Very little" to	CI up bnd			3.2	3.2			3.1			3.0			3.1			3.1	3.1			3.0			3.1			3
4 = "Very much").	CI low bnd			3.1	3.0			3.0			2.9			3.0			3.0	3.0			3.0			3.0			2.
Learning With P	eers																										
Collaborative	Mean			32.2	31.9			32.7			28.1			27.7			33.6	34.7			32.6			28.5			29.
Learning	n			982	893			1,121			687			941			988	665			1,856			1,033			1,07
Learning	SD			13.4	13.1			13.2			14.0			14.9			14.0	14.3			14.8			15.7			16
	SE			.43	.44			.39			.53			.48			.44	.55			.34			.49			.4
	CI up bnd			33.0	32.8			33.5			29.2			28.7			34.4	35.8			33.2			29.5			30
	CI low bnd			31.3	31.1			31.9			27.1			26.8			32.7	33.6			31.9			27.6			28
Discussions	Mean			40.7	41.4			40.5			40.1			40.0			40.2	41.5			39.3			37.9			38.
With Diverse	n			932	792			1,035			613			808			942	598			1,767			953			97
Others	SD			15.1	14.2			14.9			14.4			15.5			15.8	15.3			14.9			15.4			16
Others	SE			.50	.51			.46			.58			.54			.52	.63			.36			.50			.5
	CI up bnd			41.7	42.4			41.4			41.2			41.0			41.3	42.7			40.0			38.8			39
	CI low bnd			39.8	40.5			39.6			38.9			38.9			39.2	40.3			38.6			36.9			37

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**

**Missouri State University** 

			21.8         20.6         22.1         21.9         22.8         25.8         25.0         25.2         24.7           960         849         1,072         653         861         982         641         1,805         984           14.1         13.3         13.5         14.9         15.0         16.2         15.9         15.7         16.4           .46         .46         .41         .58         .51         .52         .63         .37         .52           22.7         21.5         22.9         23.0         23.8         26.8         26.2         25.9         25.7           20.9         19.7         21.3         20.7         21.8         24.8         23.8         24.5         23.6           39.1         38.5         36.2         37.8         39.6         40.4         41.3         39.7         39.5																								
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'2
Experiences w	ith Faculty																										
Student-	Mean			21.8	20.6			22.1			21.9			22.8			25.8	25.0			25.2			24.7			26.
Faculty	n			960	849			1,072			653			861			982	641			1,805			984			1,01
Interaction	SD			14.1	13.3			13.5			14.9			15.0			16.2	15.9			15.7			16.4			16
meraction	SE			.46	.46			.41			.58			.51			.52	.63			.37			.52			.5
	CI up bnd			22.7	21.5			22.9			23.0			23.8			26.8	26.2			25.9			25.7			27.
	CI low bnd			20.9	19.7			21.3			20.7			21.8			24.8	23.8			24.5			23.6			25.
Effective	Mean			39.1	38.5			36.2			37.8			39.6			40.4	41.3			39.7			39.5			41.
Teaching	n			966	862			1,062			639			838			985	642			1,801			973			1,01
Practices	SD			12.6	12.0			12.8			11.9			12.7			13.0	13.2			12.8			13.8			13.
	SE			.41	.41			.39			.47			.44			.42	.52			.30			.44			.4
	CI up bnd			39.9	39.3			37.0			38.7			40.5			41.2	42.3			40.3			40.4			42.
	CI low bnd			38.3	37.7			35.4			36.9			38.8			39.6	40.3			39.1			38.7			40.3
Campus Enviro	onment																										
Quality of	Mean			43.5	43.4			43.0			44.4			43.7			43.2	43.7			43.4			43.4			43.9
Interactions	n			914	766			999			593			747			921	582			1,687			876			89
	SD			11.1	10.2			11.2			10.1			11.6			11.3	10.9			11.3			12.1			11.8
	SE			.37	.37			.35			.41			.42			.37	.45			.28			.41			.3
	CI up bnd			44.3	44.1			43.7			45.2			44.5			43.9	44.6			43.9			44.2			44.0
	CI low bnd			42.8	42.6			42.3			43.6			42.9			42.5	42.8			42.8			42.6			43.:
Supportive	Mean			39.6	38.7			37.8			35.5			34.8			34.4	34.3			34.3			32.5			32.2
Environment	n			892	718			1,019			599			786			917	575			1,747			937			96
	SD			13.6	12.7			12.9			12.6			13.6			13.1	13.7			13.7			14.5			13.
	SE			.46	.48			.40			.52			.48			.43	.57			.33			.47			.4
	CI up bnd			40.5	39.6			38.6			36.6			35.7			35.2	35.4			34.9			33.5			33.
	CI low bnd			38.7	37.8			37.0			34.5			33.8			33.5	33.1			33.6			31.6			31.4

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** 

Missouri State University

						First-	year s	stude	nts											Seni	iors						
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25
Service-Learning <sup>a</sup>	%			66	81			82			77			72			71	73			78			74			74
· ·	n			921	776			1,025			607			790			943	604			1,752			939			975
	SE			1.6	1.4			1.2			1.7			1.6			1.5	1.8			1.0			1.4			1.4
	CI up bnd			69	84			85			80			75			74	77			80			77			77
	CI low bnd			63	79			80			73			69			68	70			76			71			71
Learning	%			9	11			9			7			6			23	20			21			21			21
<b>Community</b> <sup>a</sup>	n			929	776			1,028			607			800			951	605			1,756			949			978
	SE			0.9	1.1			0.9			1.1			0.8			1.4	1.6			1.0			1.3			1.3
	CI up bnd CI low bnd			11 7	13 9			11 7			9 5			8 4			26 21	24 17			23 19			23 18			24 19
Research With	CI IOW DIIU			3	2			2			3			4 -			21	23			19			16			15
	n			921	777			1,028			<b>6</b> 05			795			945	601			1,758			951			978
Faculty <sup>a</sup>	SE			0.6	0.5			0.5			0.7			0.7			1.3	1.7			0.9			1.2			1.2
	CI up bnd			5	3			3			4			5			24	26			20			19			18
	CI low bnd			2	1			1			1			3			18	19			17			14			13
Internship or Field	%			81	80			76			71						54	53			46			48			47
Experienceb	n			934	783			1,031			611			802			954	604			1,767			954			979
•	SE			1.3	1.4			1.3			1.8			1.7			1.6	2.0			1.2			1.6			1.6
(FY results: Plan to do)	CI up bnd			83	83			78			75			71			57	57			49			51			50
	CI low bnd			78	78			73			68			65			51	49			44			44			44
Study Abroadb	%			42	36			39			24			24			15	14			14			6			8
(FY results: Plan to do)	n			925	775			1,029			608			797			949	602			1,757			952			977
	SE			1.6	1.7			1.5			1.7			1.5			1.2	1.4			0.8			0.8			0.9
	CI up bnd			45	39			42			28			27			17	17			15			8			10
	CI low bnd			38	32			36			21			21			12	11			12			5			7
<b>Culminating Senior</b>	%			55	49			44			42			42			46	46			39			38			35
Experienceb	n			924	777			1,030			608			798			948	601			1,756			946			978
(FY results: Plan to do)	SE			1.6	1.8			1.5			2.0			1.8			1.6	2.0			1.2			1.6			1.5
	CI up bnd			58	53			47			46			46			49	50			42			41			38
	CI low bnd			52	46			41			39			39			43	42			37			35			32
<b>Overall HIP Partic</b>	cipation																										
Participated in one	%			60	77			76			69			67			23	24			28			27			27
HIP	n			934	783			1,030			610			801			956	607			1,771			955			981
••••	SE			1.6	1.5			1.3			1.9			1.7			1.4	1.7			1.1			1.4			1.4
	CI up bnd			63	80			78			73			70			26	27			30			29			30
	CI low bnd		_	56	74		_	73			66			63			21	21	_		26			24			24
Participated in	%			8	8			9			8			7			66	67			62			59			59
two or more HIPs	n			934	783			1,030			610			801			956	607			1,771			955			981
	SE			0.9	1.0			0.9			1.1			0.9			1.5	1.9			1.2			1.6			1.6
	CI up bnd			10	10			11			10			8			69	71			64			62			63
	CI low bnd			7	6			7			6			5			63	64			60			56			56

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.