

**Drake University** 

Prepared 2022-09-23 IPEDS: 153269



#### **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 Drake 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**

		Fi	rst-year studen	its				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	35%	+/- 4.4%	317	239	78	36%	+/- 4.7%	279	219	60
2014										
2015										
2016	26%	+/- 5.5%	237	165	72	22%	+/- 6.8%	160	129	31
2017										
2018										
2019	32%	+/- 5.2%	244	194	50	31%	+/- 6.0%	184	165	19
2020										
2021										
2022	35%	+/- 4.6%	301	231	70	27%	+/- 7.1%	140	115	25

#### **Administration Details by Participation Year**

			Incentives		Report Sample		
Year	Recruitment method	Sample type	offered	Additional question sets	identified <sup>d</sup>	BCSSE	FSSE
2013	Email	Census	No	Civic Engagement, Writing Experiences	No	No	No
2014							
2015							
2016	Email	Census	No	Global Learning, FY Experiences / Sr Transitions	No	No	No
2017							
2018							
2019	Email	Census	Yes	Civic Engagement	No	No	No
2020							
2021							
2022	Email	Census	Yes	Academic Advising	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.

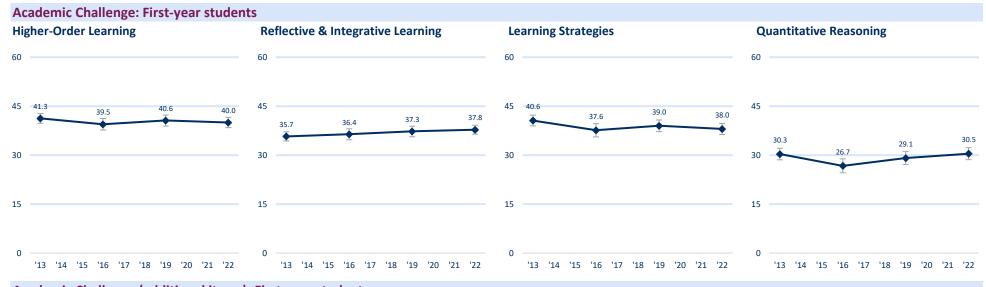
d. Starting in 2017, institutions had the option to flag a subset of students for exclusion from reports. Refer to your Administration Summary reports.

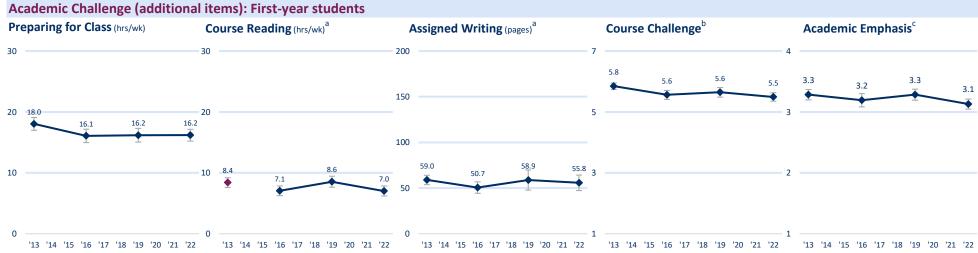


#### **Engagement Results by Theme**

## **Drake 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.





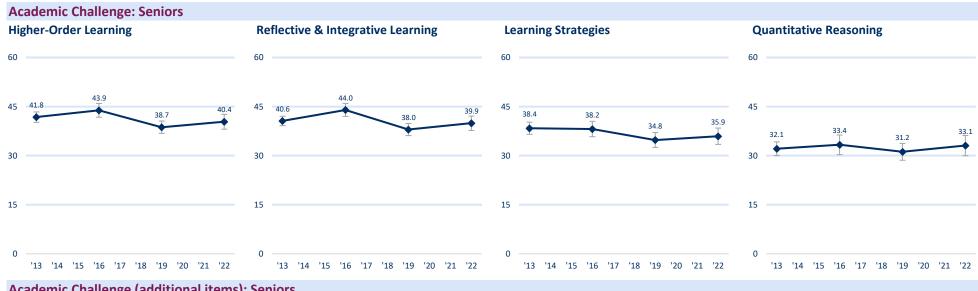
- a. Values for Course Reading and Assigned Writing are estimates calculated from two or more survey questions. The Course Reading item changed in 2014; comparability between 2013 and later years is limited.
- b. Extent to which courses challenged students to do their best work (1 = "Not at all" to 7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

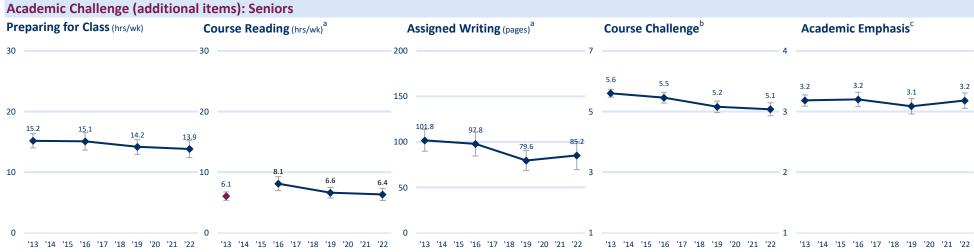


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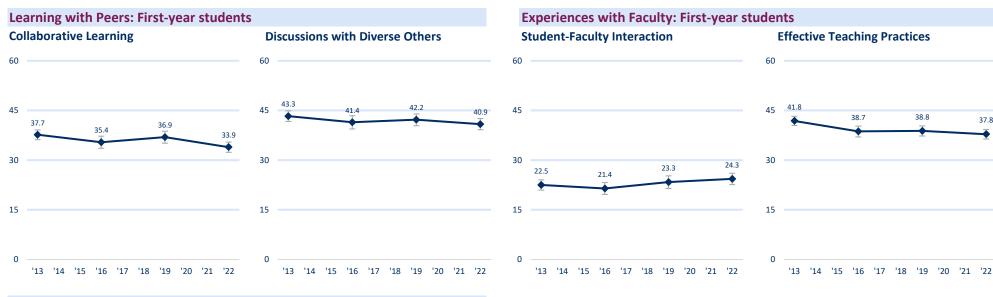
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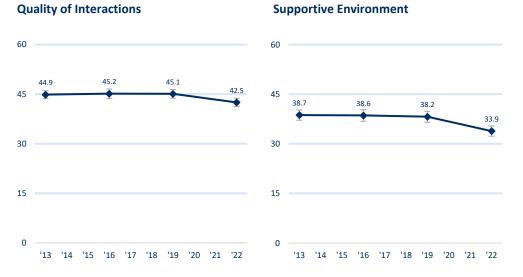
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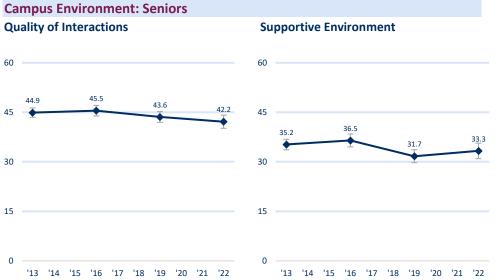


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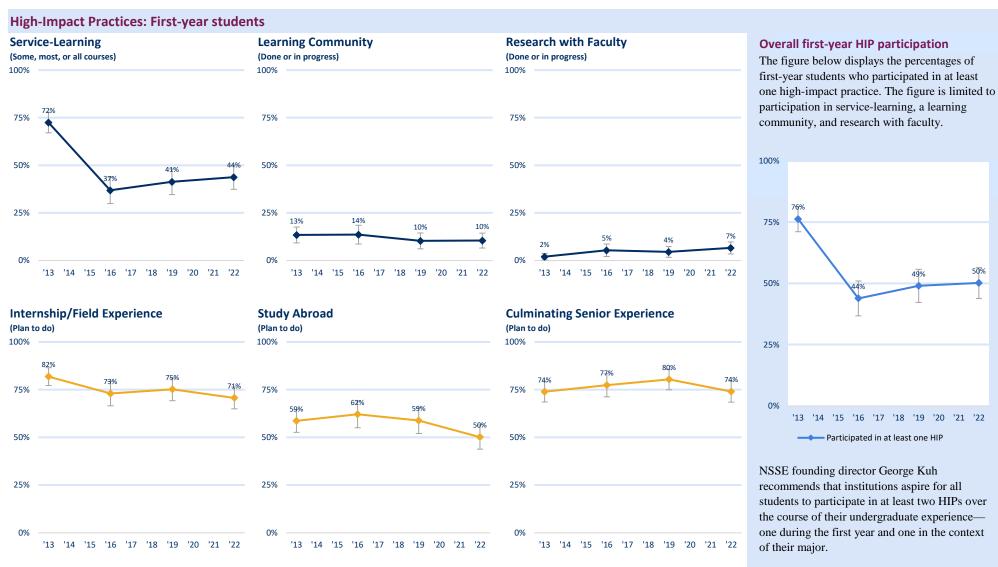




#### **High-Impact Practices**

# **Drake 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.

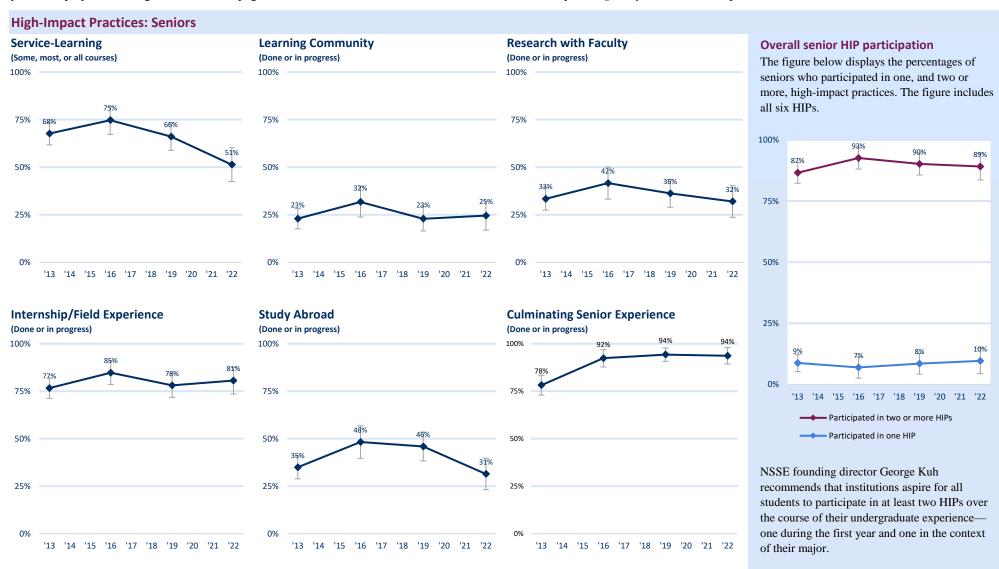




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#### **Detailed Statistics: Engagement Indicators and Additional Items**

## **Drake University**

		First-year students											Seniors									
		'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	41.3			39.5			40.6			40.0	41.8			43.9			38.7			40.4	
Learning	n	286			201			214			263	252			136			169			131	
•	SD	12.9			12.8			12.6			12.8	12.9			12.6			12.6			13.4	
	SE	.76			.90			.86			.79	.81			1.08			.97			1.17	
	CI upper bound	42.7			41.2			42.3			41.5	43.4			46.0			40.6			42.7	
	CI lower bound	39.8			37.7			38.9			38.4	40.2			41.8			36.8			38.1	
Reflective &	Mean	35.7			36.4			37.3			37.8	40.6			44.0			38.0			39.9	
Integrative Learning	n	297			211			230			275	257			143			176			134	
	SD	12.3			12.4			12.5			11.6	11.8			12.1			12.5			13.0	
Learning	SE	.72			.85			.82			.70	.74			1.01			.94			1.12	
	CI upper bound	37.1			38.1			38.9			39.2	42.1			46.0			39.8			42.1	
	CI lower bound	34.3			34.7			35.6			36.4	39.2			42.0			36.1			37.7	
Learning Strategies	Mean	40.6			37.6			39.0			38.0	38.4			38.2			34.8			35.9	
0 0	n	259			188			210			245	241			131			168			120	
	SD	13.4			14.2			13.2			13.4	14.7			13.6			15.1			14.0	
	SE	.83			1.03			.91			.86	.95			1.19			1.17			1.28	
	CI upper bound	42.2			39.6			40.8			39.7	40.2			40.5			37.1			38.4	
	CI lower bound	39.0			35.6			37.2			36.3	36.5			35.8			32.5			33.4	
Quantitative	Mean	30.3			26.7			29.1			30.5	32.1			33.4			31.2			33.1	
Reasoning	n	291			198			213			247	255			140			168			124	
ricusoring	SD	15.2			15.4			14.7			14.6	17.1			18.2			17.0			17.6	
	SE	.89			1.09			1.01			.93	1.07			1.54			1.31			1.58	
	CI upper bound	32.1			28.9			31.1			32.3	34.2			36.4			33.8			36.2	
	CI lower bound	28.6			24.6			27.1			28.6	30.0			30.3			28.6			30.0	
Academic Challenge (	additional item	s)																				
Preparing for Class	Mean	18.0			16.1			16.2			16.2	15.2			15.1			14.2			13.9	
(hours/week)	n	238			170			200			238	219			125			167			120	
(Hours) week)	SD	8.3			7.4			8.2			7.7	8.8			8.2			8.0			8.0	
	SE	.54			.57			.58			.50	.60			.73			.62			.73	
	CI upper bound	19.1			17.2			17.3			17.2	16.4			16.5			15.4			15.3	
	CI lower bound	17.0			15.0			15.1			15.2	14.0			13.7			13.0			12.4	
Course Reading	Mean	8.4			7.1			8.6			7.0	6.1			8.1			6.6			6.4	
Est. hrs per wk	n	236			168			200			235	222			125			167			120	
calculated from two	SD	6.1			5.3			6.5			6.4	5.2			6.5			5.8			5.6	
items. Item wording	SE	.40			.41			.46			.42	.35			.58			.45			.51	
changed in 2014;	CI upper bound	9.2			7.9			9.5			7.9	6.8			9.3			7.5			7.4	
comparability with '13	CI lower bound	7.6			6.3			7.7			6.2	5.4			7.0			5.8			5.4	
is limited.																						

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**

## **Drake University**

					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 (a	additional item	s, contir	nued)																		
Assigned Writing	Mean	59.0			50.7			58.9			55.8	101.8			97.8			79.6			85.2
Estimated number of	n	248			177			213			248	226			130			168			124
pages calculated from	SD	41.6			42.5			82.1			67.6	91.2			76.9			71.6			88.3
three survey questions.	SE	2.64			3.20			5.63			4.29	6.06			6.74			5.53			7.93
	CI upper bound	64.2			56.9			69.9			64.3	113.7			111.0			90.5			100.8
	CI lower bound	53.8			44.4			47.8			47.4	89.9			84.6			68.8			69.7
Course Challenge	Mean	5.8			5.6			5.6			5.5	5.6			5.5			5.2			5.1
Extent to which courses	n	266			190			207			245	243			134			168			122
challenged students to	SD	0.9			1.0			1.2			1.1	1.0			1.0			1.2			1.2
do best work (1="Not	SE	.06			.08			.08			.07	.07			.09			.09			.11
at all" to 7="Very	CI upper bound	6.0			5.7			5.8			5.6	5.7			5.6			5.3			5.3
much").	CI lower bound	5.7			5.4			5.5			5.4	5.5			5.3			5.0			4.9
Academic	Mean	3.3			3.2			3.3			3.1	3.2			3.2			3.1			3.2
Emphasis	n	237			173			206			240	222			128			165			124
Perceived inst'l emphasis	SD	0.7			0.7			0.7			0.7	0.7			0.7			0.8			0.7
on spending significant	SE	.04			.06			.05			.04	.05			.06			.07			.06
time studying and on	CI upper bound	3.4			3.3			3.4			3.2	3.3			3.3			3.2			3.3
academic work (1 = "Very little" to 4 = "Very much").	CI lower bound	3.2			3.1			3.2			3.0	3.1			3.1			3.0			3.1
Learning with Peers																					
Collaborative	Mean	37.7			35.4			36.9			33.9	35.1			36.7			36.1			35.7
Learning	n	304			220			241			293	267			153			182			138
Ecurinia	SD	13.2			13.9			14.5			13.5	13.7			14.1			12.9			13.7
	SE	.76			.94			.93			.79	.84			1.14			.96			1.17
	CI upper bound	39.2			37.2			38.8			35.5	36.8			38.9			38.0			38.0
	CI lower bound	36.2			33.6			35.1			32.4	33.5			34.4			34.3			33.4
Discussions with	Mean	43.3			41.4			42.2			40.9	41.4			41.9			39.4			40.8
Diverse Others	n	265			186			206			245	243			133			167			122
Diverse Others	SD	13.2			14.1			13.1			13.4	15.0			15.4			13.7			14.6
	SE	.81			1.03			.91			.86	.97			1.34			1.06			1.33
	CI upper bound	44.9			43.5			44.0			42.5	43.3			44.5			41.5			43.4
	CI lower bound	41.7			39.4			40.4			39.2	39.5			39.2			37.3			38.2

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**

## **Drake University**

					irst-y	ear st	udent	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	22.5		2	1.4			23.3			24.3	28.9			31.6			29.8			27.8
Interaction	n	281			208			223			270	255			139			172			132
	SD	13.1		1	3.2			14.5			14.4	14.7			16.1			15.2			16.4
	SE	.78			.92			.97			.87	.92			1.37			1.16			1.43
	CI upper bound	24.0		2	3.2			25.2			26.0	30.7			34.3			32.1			30.6
	CI lower bound	21.0		1	9.6			21.4			22.6	27.1			28.9			27.5			25.0
Effective Teaching	Mean	41.8		3	8.7			38.8			37.8	42.5			41.0			40.8			39.9
Practices	n	290			200			214			258	256			141			170			130
	SD	12.0		1	1.8			11.5			11.9	11.7			12.0			12.3			13.6
	SE	.70			.83			.79			.74	.73			1.01			.94			1.20
	CI upper bound	43.2		4	0.3			40.4			39.3	43.9			43.0			42.7			42.3
	CI lower bound	40.5		3	7.0			37.3			36.4	41.1			39.1			39.0			37.6
Campus Environment																					
Quality of	Mean	44.9		4	5.2			45.1			42.5	44.9			45.5			43.6			42.2
Interactions	n	257			180			202			233	240			131			164			122
	SD	9.8			9.7			9.6			9.8	11.1			9.5			10.6			11.2
	SE	.61			.72			.67			.64	.71			.83			.83			1.01
	CI upper bound	46.1		4	6.6			46.4			43.8	46.3			47.1			45.2			44.2
	CI lower bound	43.7		4	3.7			43.8			41.3	43.5			43.9			41.9			40.2
Supportive	Mean	38.7		3	8.6			38.2			33.9	35.2			36.5			31.7			33.3
Environment	n	233			169			202			239	219			126			167			122
	SD	12.1		1	1.8			12.2			12.2	12.1			11.1			13.0			13.3
	SE	.79			.91			.86			.79	.82			.99			1.00			1.20
	CI upper bound	40.3		4	0.3			39.9			35.4	36.8			38.4			33.7			35.7
	CI lower bound	37.2		3	6.8			36.5			32.3	33.6			34.5			29.7			31.0

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** 

# **Drake University**

					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
Service-Learning <sup>a</sup>	%	72			37			41			44	68			75			66			51
•	n	264			186			207			241	242			133			167			124
	SE	2.8			3.5			3.4			3.2	3.0			3.8			3.7			4.5
	CI upper bound (%)	78			44			48			50	74			82			73			60
	CI lower bound (%)	67			30			35			37	62			67			59			43
Learning Community <sup>a</sup>	%	13			14			10			10	23			32			23			25
	n	260			188			208			240	242			133			165 3.3			122 3.9
	SE CI upper bound (%)	2.1 18			2.5 19			2.1			2.0	2.7 28			4.1			3.3 29			
		18 9			19 9			14 6			14 7	28 18			40 24			29 17			32 17
Barrier 191	CI lower bound (%) %	2			<b>5</b>			4			7	33			42			36			32
Research with	n	259			185			206			241	241			133			167			122
Faculty <sup>a</sup>	SE	0.9			1.7			1.4			1.6	3.0			4.3			3.7			4.2
	CI upper bound (%)	4			9			7			10	39			50			44			40
	CI lower bound (%)	0			2			2			3	27			33			29			24
Internship or Field	%	82			73			75			71	77			85			78			81
•	n	263			187			209			245	243			133			168			122
Experience <sup>b</sup>	SE	2.4			3.3			3.0			2.9	2.7			3.1			3.2			3.6
(First-year results: Plan to	CI upper bound (%)	87			79			81			76	82			91			84			88
do)	CI lower bound (%)	77			67			69			65	71			79			72			74
Study Abroad <sup>b</sup>	%	59			62			59			50	35			48			46			31
(First-year results: Plan to	n	262			186			209			241	241			133			168			122
do)	SE	3.1			3.6			3.4			3.2	3.1			4.3			3.9			4.2
uoj	CI upper bound (%)	65			69			65			56	41			57			53			40
	CI lower bound (%)	53			55			52			44	29			40			38			23
<b>Culminating Senior</b>	%	74			77			80			74	78			92			94			94
Experience <sup>b</sup>	n	262			185			207			241	243			133			167			124
(First-year results: Plan to	SE	2.7			3.1			2.8			2.8	2.7			2.3			1.8			2.2
do)	CI upper bound (%)	79			83			86			80	83			97			98			98
•	CI lower bound (%)	69			71			75			68	73			88			91			89
<b>Overall HIP Participati</b>	on <sup>c</sup>																				
Participated in one	%	66			34			43			42	9			7			8			10
HIP	n	266			188			209			242	244			133			168			124
THE	SE	2.9			3.5			3.4			3.2	1.8			2.2			2.2			2.7
	CI upper bound (%)	71			41			49			48	12			11			13			15
	CI lower bound (%)	60			28			36			36	5			3			4			4
Participated in two	%	11			9			6			8	87			93			90			89
or more HIPs	n	266			188			209			242	244			133			168			124
	SE	1.9			2.1			1.7			1.8	2.2			2.3			2.3			2.8
	CI upper bound (%)	14			14			10			12	91			97			95			95
	CI lower bound (%)	7			5			3			5	82			88			86			84

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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.