

Grand Valley State University

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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

Grand Valley 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

		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	44%	+/- 1.8%	1,683	1,421	262	43%	+/- 1.8%	1,621	1,388	233
2014										
2015										
2016	30%	+/- 2.4%	1,169	906	263	26%	+/- 2.9%	874	683	191
2017										
2018										
2019	35%	+/- 2.1%	1,441	1,168	273	27%	+/- 2.8%	893	747	146
2020										
2021										
2022	31%	+/- 2.4%	1,108	746	362	20%	+/- 3.6%	599	451	148
2023										
2024										
2025	29%	+/- 2.4%	1,156	778	378	26%	+/- 3.2%	680	555	125
	=									

Administration Details by Participation Year

			Incontinos		Report Sample		
			Incentives				
Year	Recruitment method	Sample type	offered	Additional question sets	identified ^d	BCSSE	FSSE
2013	Email	Census	Yes	Transferable Skills, Learning with Tech		No	No
2014							
2015							
2016	Email	Census	Yes	Civic Engagement, Information Literacy		Yes	No
2017							
2018							
2019	Email	Census	Yes	FY Experiences / Sr Transitions, Global Learning	No	No	No
2020							
2021							
2022	Email	Census	Yes	Academic Advising, HIP Quality	No	No	No
2023							
2024							
2025	Email	Census	Yes	Transferable Skills, HIP Quality	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.

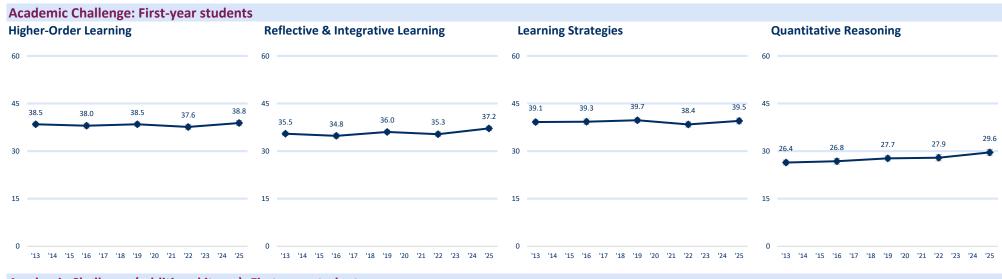
c. Count used to calculate response rates and sampling errors for each Administration Summary report. Includes all census-administered and randomly sampled students, regardless of "Report Sample" designation.

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



Engagement Results by Theme Grand Valley 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.





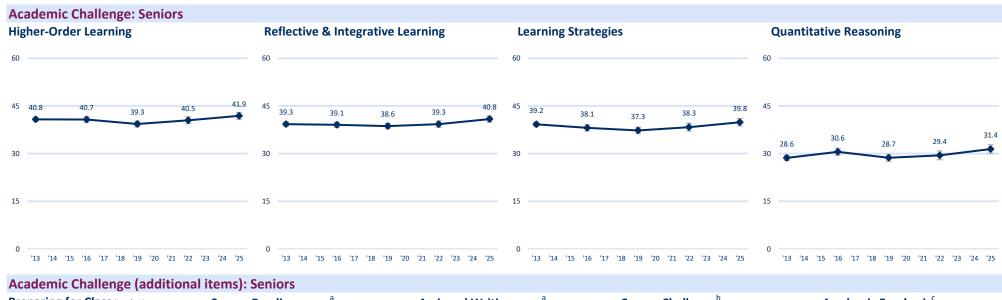
- a. Values for Course Reading and Assigned Writing are estimates calculated from two or more survey questions. The Course Reading item changed in 2014; comparability between 2013 and later years is limited.
- b. Extent to which courses challenged students to do their best work (1 = "Not at all" to 7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

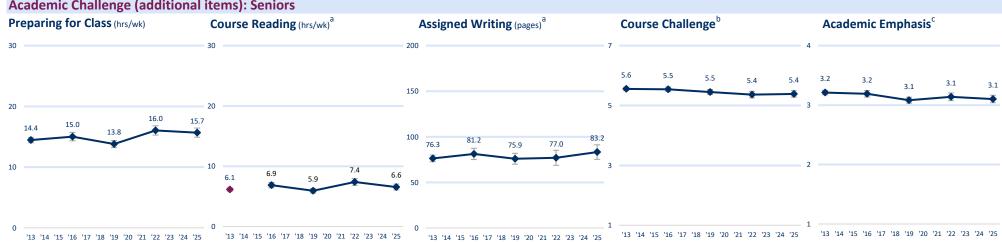


Engagement Results by Theme

Grand Valley State University

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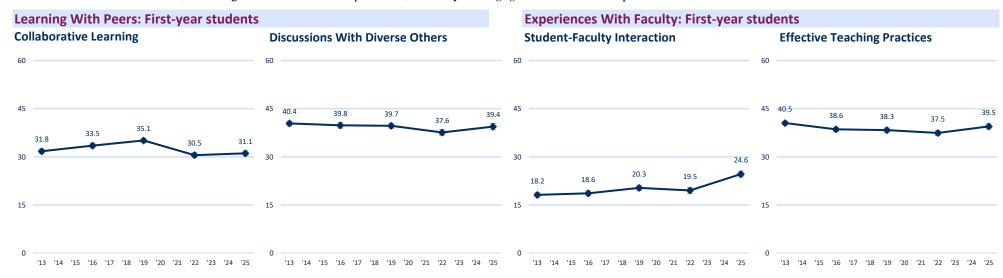


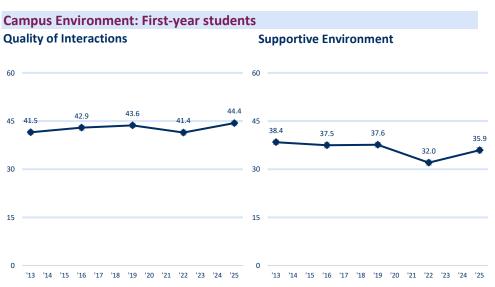
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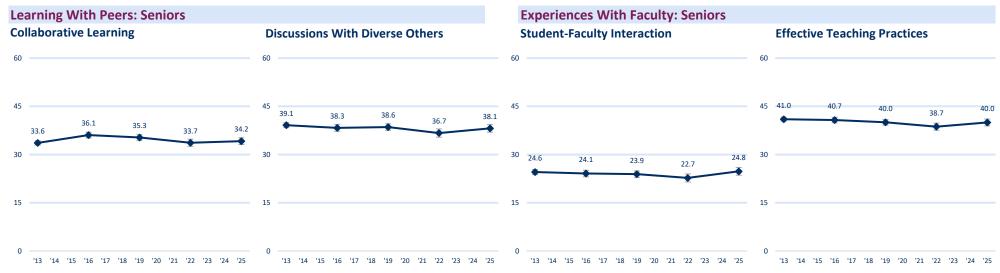


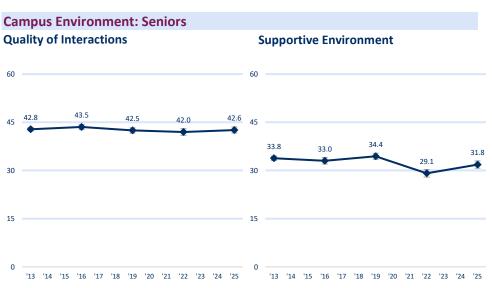




Engagement Results by Theme Grand Valley State University

Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. Each theme below is represented by two EIs. See pages 10-12 for detailed statistics. For more information, including the items that make up each EI, refer to your *Engagement Indicators* report.



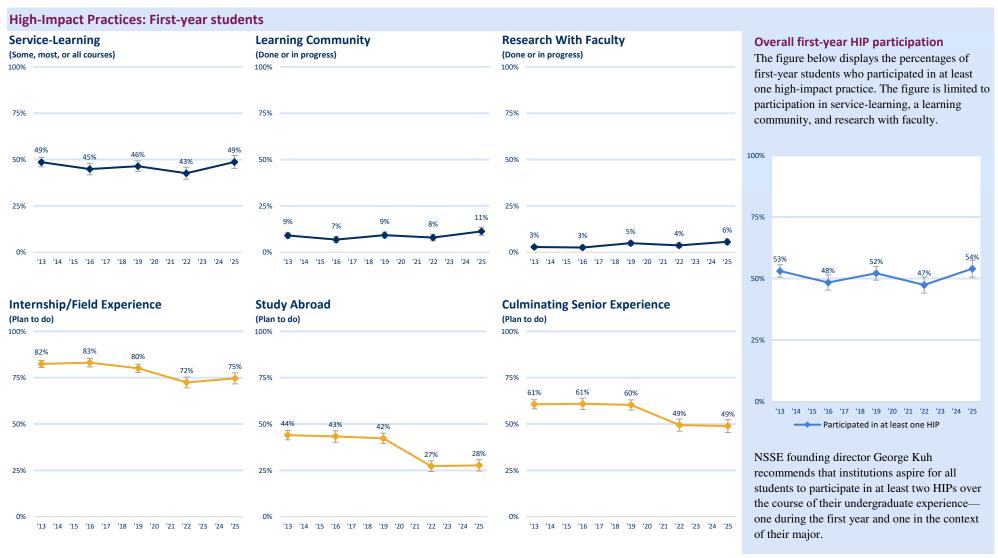




High-Impact Practices

Grand Valley 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.

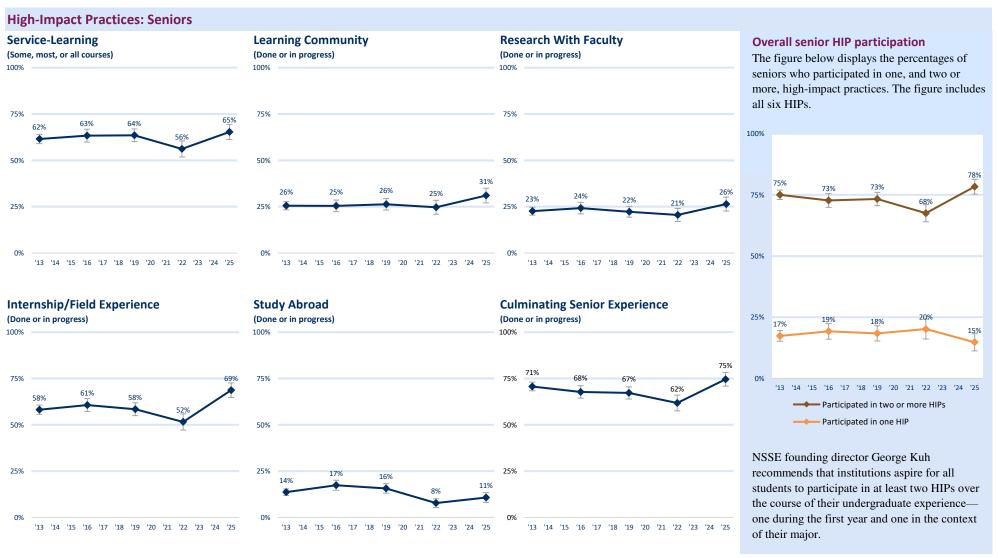




High-Impact Practices

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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

Grand Valley 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	'2!
Academic Challe	enge																										
Higher-Order	Mean	38.5			38.0			38.5			37.6			38.8	40.8			40.7			39.3			40.5			41
Learning	n	1,542			1,043			1,258			949			906	1,505			797			798			528			57
2001111118	SD	12.9			12.5			12.1			12.3			12.2	12.9			12.7			13.0			12.6			13
	SE	.33			.39			.34			.40			.41	.33			.45			.46			.55			.5
	CI up bnd	39.1			38.8			39.1			38.4			39.6	41.4			41.6			40.2			41.5			42
	CI low bnd	37.8			37.3			37.8			36.8			38.0	40.1			39.8			38.4			39.4			40
Reflective &	Mean	35.5			34.8			36.0			35.3			37.2	39.3			39.1			38.6			39.3			40
Integrative	n	1,599			1,089			1,337			1,013			993	1,564			819			840			566			60
Learning	SD	11.6			11.5			11.2			11.1			10.7	12.5			12.2			12.0			12.0			11
Learning	SE	.29			.35			.31			.35			.34	.32			.43			.41			.50			.4
	CI up bnd	36.1			35.5			36.6			36.0			37.8	39.9			39.9			39.4			40.3			41.
	CI low bnd	34.9			34.1			35.4			34.7			36.5	38.6			38.2			37.8			38.3			39.
Learning	Mean	39.1			39.3			39.7			38.4			39.5	39.2			38.1			37.3			38.3			39.
Strategies	n	1,488			977			1,215			893			820	1,454			741			778			509			53
•	SD	13.0			13.4			12.7			12.5			12.7	14.0			13.9			14.6			14.4			13.
	SE	.34			.43			.37			.42			.44	.37			.51			.52			.64			.5
	CI up bnd	39.8			40.1			40.4			39.2			40.4	39.9			39.1			38.3			39.6			41.
	CI low bnd	38.5			38.4			39.0			37.6			38.6	38.5			37.1			36.2			37.1			38.
Quantitative	Mean	26.4			26.8			27.7			27.9			29.6	28.6			30.6			28.7			29.4			31.
Reasoning	n	1,583			1,067			1,234			905			850	1,538			809			779			511			54
	SD	15.1			14.6			14.3			14.8			14.1	16.2			16.4			15.7			16.0			16.
	SE	.38			.45			.41			.49			.49	.41			.58			.56			.71			.6
	CI up bnd	27.1			27.7			28.5			28.9			30.5	29.4			31.7			29.8			30.8			32.
	CI low bnd	25.7			25.9			26.9			26.9			28.6	27.8			29.4			27.6			28.1			30.
Academic Challe	•		items)																							
Preparing for	Mean	14.2			15.1			14.7			15.0			13.9	14.4			15.0			13.8			16.0			15.
Class (hours/week)	n	1,442			926			1,180			879			778	1,391			692			761			499			51
	SD	7.9			8.0			7.6			7.7			7.7	8.4			9.3			8.2			8.7			8.
	SE	.21			.26			.22			.26			.28	.22			.35			.30			.39			.3
	CI up bnd	14.6			15.7			15.1			15.5			14.5	14.9			15.7			14.4			16.8			16
	CI low bnd	13.8			14.6			14.3			14.5			13.4	14.0			14.3			13.2			15.3			14.
Course	Mean	5.9			6.8			6.9			6.6			6.2	6.1			6.9			5.9			7.4			6.
Est. hrs per wk calculated from two	n	1,437			923			1,170			876			772	1,396			686			758			497			51
items. Item wording	SD	4.7			5.6			5.4			5.3			5.2	5.1			5.9			5.4			6.4			5
changed in 2014;	SE	.12			.19			.16			.18			.19	.14			.23			.20			.29			.2
comparability with 2013	CI up bnd	6.1			7.2			7.2			6.9			6.6	6.4			7.3			6.3			8.0			7.
is limited.	CI low bnd	5.7			6.5			6.6			6.2			5.9	5.9			6.4			5.6			6.8			6.

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

Grand Valley State University

						Eirct :	voor	stude	ntc											Senio	orc						
		142	14.4	IAE			-			124	laa	laa	124	lan	14.2	14.4	lan	lac	14.7			lan	124	laa	laa	124	lar
		'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
Academic Challe	enge (add	ditiona	l items,	, conti	nued)																						
Assigned	Mean	45.1			44.2			50.4			55.8			62.0	76.3			81.2			75.9			77.0			83.
Writing	n	1,395			949			1,225			912			840	1,370			711			779			510			54
Est. no. of pages	SD	44.2			38.1			60.5			72.6			83.1	68.7			84.0			85.1			95.1			95.0
calculated from three	SE	1.18			1.24			1.73			2.40			2.87	1.86			3.15			3.05			4.21			4.0
survey questions.	CI up bnd	47.4			46.6			53.8			60.5			67.6	79.9			87.4			81.9			85.2			91.
	CI low bnd	42.8			41.8			47.0			51.0			56.3	72.7			75.0			69.9			68.7			75.2
Course	Mean	5.6			5.6			5.5			5.3			5.3	5.6			5.5			5.5			5.4			5.4
Challenge	n	1,515			990			1,218			902			811	1,477			745			776			506			532
Extent courses	SD	1.0			1.0			1.1			1.2			1.1	1.1			1.1			1.2			1.2			1.3
challenged students to	SE	.03			.03			.03			.04			.04	.03			.04			.04			.06			.06
do best work (1="Not at	CI up bnd	5.7			5.7			5.5			5.4			5.4	5.6			5.6			5.5			5.5			5.5
all" to 7="Very much").	CI low bnd	5.6			5.6			5.4			5.2			5.3	5.5			5.5			5.4			5.3			5.3
Academic	Mean	3.3			3.2			3.2			3.1			3.0	3.2			3.2			3.1			3.1			3.1
Emphasis	n	1,444			946			1,199			892			789	1,403			706			771			501			522
Perceived inst. emphasis	SD	0.7			0.7			0.7			0.7			0.7	0.7			0.7			0.7			0.7			0.7
on spending time	SE	.02			.02			.02			.02			.03	.02			.03			.03			.03			.03
studying and on acad.	CI up bnd	3.3			3.3			3.2			3.1			3.1	3.2			3.2			3.1			3.2			3.2
work (1 = "Very little" to 4 = "Very much").	CI low bnd	3.2			3.2			3.1			3.0			3.0	3.2			3.1			3.0			3.1			3.0
Learning With P	eers																										
Collaborative	Mean	31.8			33.5			35.1			30.5			31.1	33.6			36.1			35.3			33.7			34.2
Learning	n	1,611			1,119			1,399			1,074			1,056	1,555			842			873			584			629
Learning	SD	12.8			12.5			12.9			12.5			12.8	13.2			13.5			13.5			13.7			13.3
	SE	.32			.37			.35			.38			.40	.34			.47			.46			.57			.53
	CI up bnd	32.4			34.2			35.8			31.3			31.9	34.3			37.0			36.2			34.8			35.2
	CI low bnd	31.1			32.8			34.4			29.8			30.3	33.0			35.1			34.4			32.6			33.3
Discussions	Mean	40.4			39.8			39.7			37.6			39.4	39.1			38.3			38.6			36.7			38.1
With Diverse	n	1,504			992			1,218			909			838	1,469			747			776			504			542
	SD	14.5			13.9			13.8			14.2			14.3	14.8			14.9			14.5			14.7			14.:
Others	SE	.37			.44			.40			.47			.49	.39			.54			.52			.65			.60
	CI up bnd	41.2			40.7			40.5			38.5			40.4	39.9			39.4			39.6			38.0			39.3
	CI low bnd	39.7			38.9			38.9			36.7			38.5	38.4			37.2			37.5			35.4			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 Challenge Items

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						First-	year s	stude	nts											Senio	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	'25
Experiences w	ith Faculty																										
Student-	Mean	18.2			18.6			20.3			19.5			24.6	24.6			24.1			23.9			22.7			24.8
Faculty	n	1,576			1,068			1,299			981			948	1,541			808			811			547			59
Interaction	SD	13.7			13.4			14.2			14.0			14.7	15.8			14.8			14.6			14.9			14.
meraction	SE	.34			.41			.39			.45			.48	.40			.52			.51			.64			.6
	CI up bnd	18.8			19.4			21.1			20.4			25.6	25.3			25.1			24.9			24.0			26.
	CI low bnd	17.5			17.8			19.6			18.6			23.7	23.8			23.1			22.9			21.5			23.0
Effective	Mean	40.5			38.6			38.3			37.5			39.5	41.0			40.7			40.0			38.7			40.0
Teaching	n	1,594			1,068			1,256			943			909	1,551			813			800			529			57
Practices	SD	11.7			12.0			11.9			12.1			11.9	12.4			12.3			12.5			13.0			13.0
	SE	.29			.37			.34			.39			.40	.32			.43			.44			.57			.54
	CI up bnd	41.1			39.3			39.0			38.2			40.3	41.6			41.6			40.9			39.8			41.3
	CI low bnd	40.0			37.8			37.7			36.7			38.7	40.4			39.9			39.2			37.6			38.9
Campus Enviro	onment																										
Quality of	Mean	41.5			42.9			43.6			41.4			44.4	42.8			43.5			42.5			42.0			42.6
Interactions	n	1,391			904			1,116			841			770	1,405			716			732			468			495
	SD	12.3			11.1			10.9			11.3			9.5	10.4			11.0			11.2			11.5			10.7
	SE	.33			.37			.33			.39			.34	.28			.41			.42			.53			.48
	CI up bnd	42.1			43.7			44.3			42.2			45.0	43.4			44.3			43.3			43.0			43.5
	CI low bnd	40.9			42.2			43.0			40.7			43.7	42.3			42.7			41.6			40.9			41.6
Supportive	Mean	38.4			37.5			37.6			32.0			35.9	33.8			33.0			34.4			29.1			31.8
Environment	n	1,430			928			1,184			885			789	1,391			697			764			495			524
	SD	12.9			12.5			12.7			11.9			11.9	13.0			13.5			13.3			13.3			13.2
	SE	.34			.41			.37			.40			.42	.35			.51			.48			.60			.58
	CI up bnd	39.1			38.3			38.3			32.8			36.7	34.5			34.0			35.4			30.3			33.0
	CI low bnd	37.7			36.7			36.9			31.3			35.1	33.1			32.0			33.5			27.9			30.7

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: High-Impact Practices

Grand Valley State University

						First-y	ear s	tude	nts											Senio	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	'25
Service-Learning ^a	%	49			45			46			43			49	62			63			64			56			65
	n	1,509			981			1,202			891			796	1,476			746			772			502			524
	SE	1.3			1.6			1.4			1.7			1.8	1.3			1.8			1.7			2.2			2.1
	CI up bnd	51			48			49			46			52	64			67			67			61			69
	CI low bnd	46			42			44			39			45	59			60			60			52			61
Learning	%	9			7			9			8			11	26			25			26			25			31
Community ^a	n	1,508			984			1,210			899			799	1,471			745			771			507			526
	SE	0.7			0.8			0.8			0.9			1.1	1.1			1.6			1.6			1.9			2.0
	CI up bnd CI low bnd	10 8			8 5			11 8			10 6			13 9	28 23			29 22			29 23			28 21			35 27
Research With	%	3			3			5			4			6	23			24			22			21			26
	n	1,505			981			1,208			897			802	1,472			740			775			507			525
Faculty ^a	SE	0.4			0.5			0.6			0.6			0.8	1.1			1.6			1.5			1.8			1.9
	CI up bnd	4			4			6			5			7	25			27			25			24			30
	CI low bnd	2			2			4			2			4	20			21			19			17			23
Internship or Field	%	82			83			80			72			75	58			61			58			52			69
Experienceb	n	1,515			992			1,213			900			809	1,477			748			775			508			531
(FY results: Plan to do)	SE	1.0			1.2			1.1			1.5			1.5	1.3			1.8			1.8			2.2			2.0
(FT Tesuits. Plair to do)	CI up bnd	84			85			82			75			78	61			64			62			56			73
	CI low bnd	80			81			78			70			72	56			57			55			47			65
Study Abroadb	%	44			43			42			27			28	14			17			16			8			11
(FY results: Plan to do)	n	1,510			988			1,212			899			802	1,470			744			772			505			528
	SE	1.3			1.6			1.4			1.5			1.6	0.9			1.4			1.3			1.2			1.3
	CI up bnd	46			46			45			30			31	15			20			18			10			13
	CI low bnd	41			40			40			24			25	12			15			13			5			8
Culminating Senior	- %	61			61			60			49			49	71			68			67			62			75
Experienceb	n	1,508			983			1,206			891			800	1,472			743			775			506			524
(FY results: Plan to do)	SE	1.3			1.6			1.4			1.7			1.8	1.2			1.7			1.7			2.2			1.9
	CI up bnd	63			64			63			53			52	73			71			71			66			78
	CI low bnd	58			58			58			46			45	68			64			64			58			71
Overall HIP Partic	cipation																										
Participated in one	%	47			43			45			41			44	17			19			18			20			15
HIP	n	1,518			989			1,214			899			806	1,483			750			778			508			531
- -	SE	1.3			1.6			1.4			1.6			1.8	1.0			1.4			1.4			1.8			1.5
	CI up bnd	49			47			48			44			48	19			22			21			24			18
	CI low bnd	44			40			42			38			41	15			16			16			17			12
Participated in	%	7			5			7			6			10	75			73			73			68			78
two or more HIPs	n	1,518			989			1,214			899			806	1,483			750			778			508			531
	SE	0.6			0.7			0.7			0.8			1.0	1.1			1.6			1.6			2.1			1.8
	CI up bnd	8			6			8			8			12	77			76			76			72			82
	CI low bnd	5			4			5			5			7	73			70			70			63			75

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.