

University of Houston-Clear Lake



**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, view our webinar entitled the *Recommendations for Using Multiple Years of NSSE Data:* nsse.indiana.edu/html/webinars.cfm

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 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, 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.



#### **Administration Summaries**

#### **University of Houston-Clear Lake**

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**

		Fir	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						23%	+/- 4.0%	474	411	63					
2014						26%	+/- 3.6%	540	470	70					
2015						21%	+/- 4.2%	433	379	54					
2016	23%	+/- 11.7%	54	50	4	20%	+/- 4.1%	450	382	68					
2017	21%	+/- 15.3%	33	24	9	14%	+/- 5.3%	292	233	59					
2018	18%	+/- 12.4%	51	44	7	19%	+/- 4.4%	408	356	52					
2019															

Administration	<b>Details by</b>	<b>Participation Year</b>
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	Recruitment		Incentives		Report Sample		
Year	method	Sample type	offered	Additional question sets	identified <sup>d</sup>	BCSSE	FSSE
2013	Email	Census	Yes	None	No	No	No
2014	Email	Census	Yes	None	No	No	No
2015	Email	Census	Yes	None	No	No	No
2016	Email	Census	Yes	None	No	No	No
2017	Email	Census	Yes	Transferable Skills	No	No	No
2018	Email	Census	Yes	Transferable Skills	No	No	No
2019							

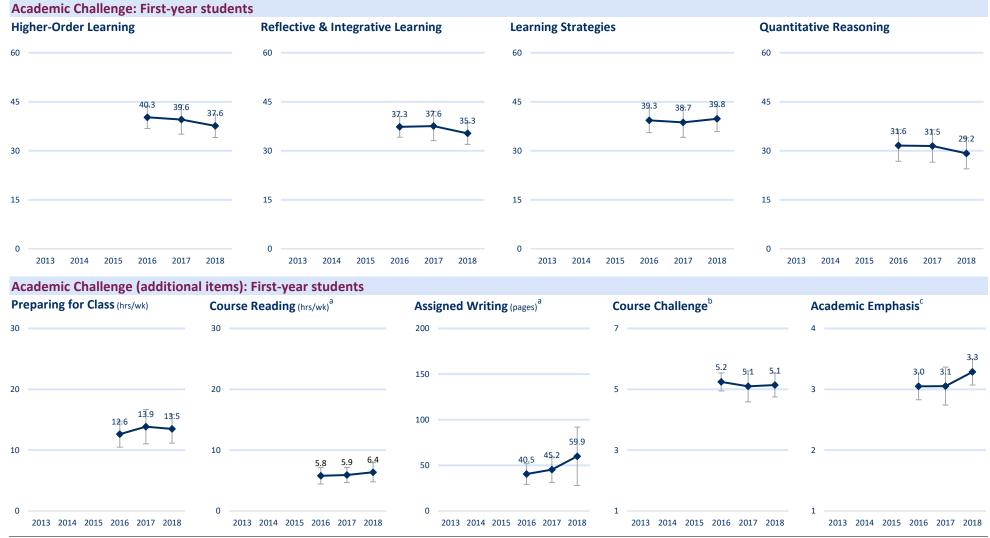
Note: All of your institution's participation years since 2013 (the first year of the updated NSSE) are reported. Years in which your institution did not participate are blank.

- 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).



# Engagement Results by Theme University of Houston-Clear Lake

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.

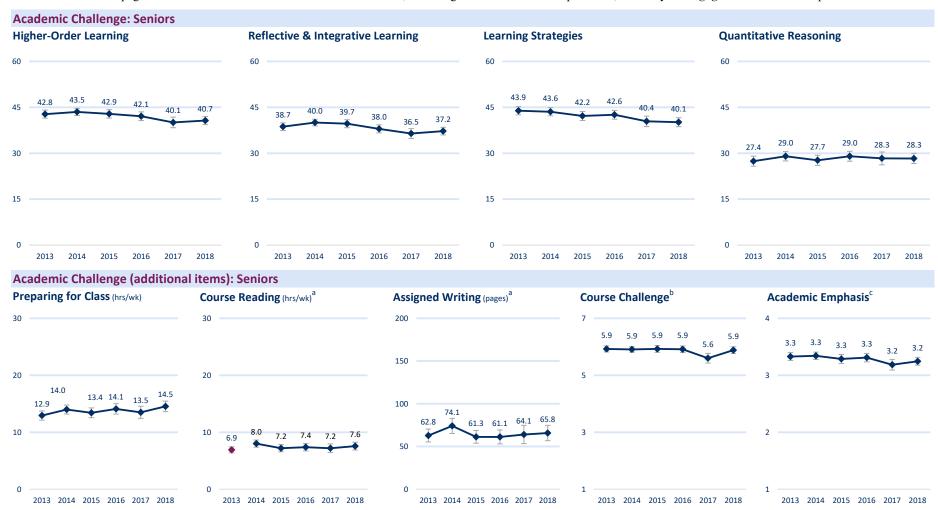


- a. Values for Course Reading and Assigned Writing are estimates calculated from two or more survey questions. The Course Reading item changed in 2014; comparability between 2013 and later years is limited.
- b. Extent to which courses challenged students to do their best work (1 = "Not at all" to 7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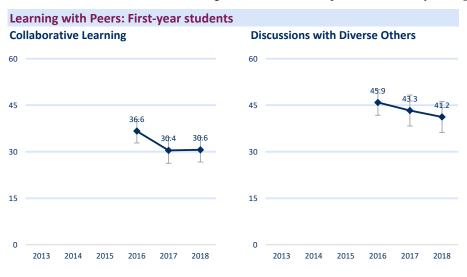
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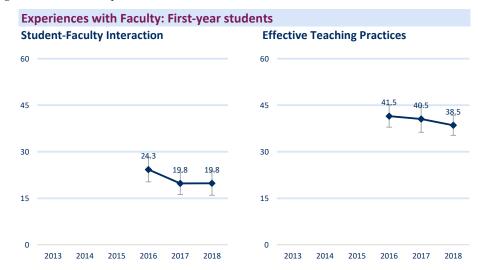


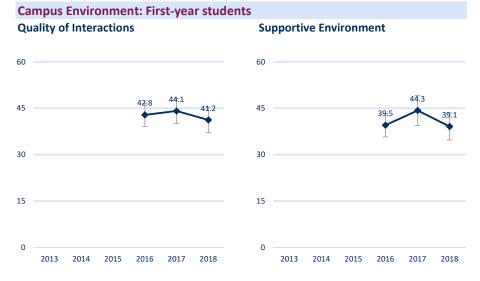
**Engagement Results by Theme** 

#### **University of Houston-Clear Lake**

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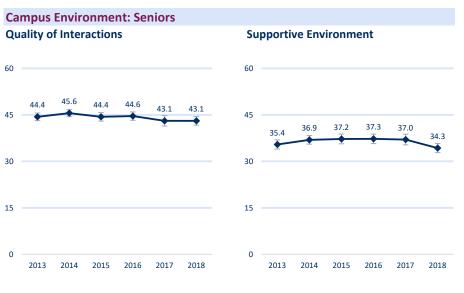


**Engagement Results by Theme** 

### **University of Houston-Clear Lake**

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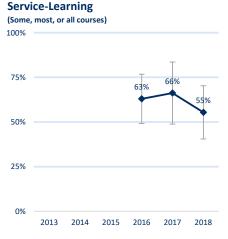


#### **High-Impact Practices**

#### **University of Houston-Clear Lake**

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**





50%

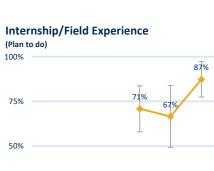
25%

0%





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, service-learning, and research with faculty.



2015

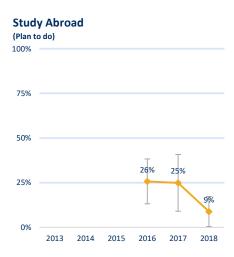
2016

2014

2017 2018

25%

2013



2014

2013

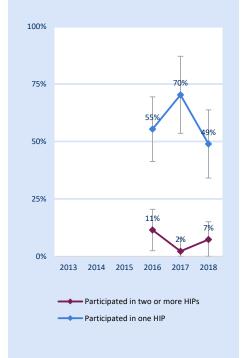
2015

2016

2017

2018

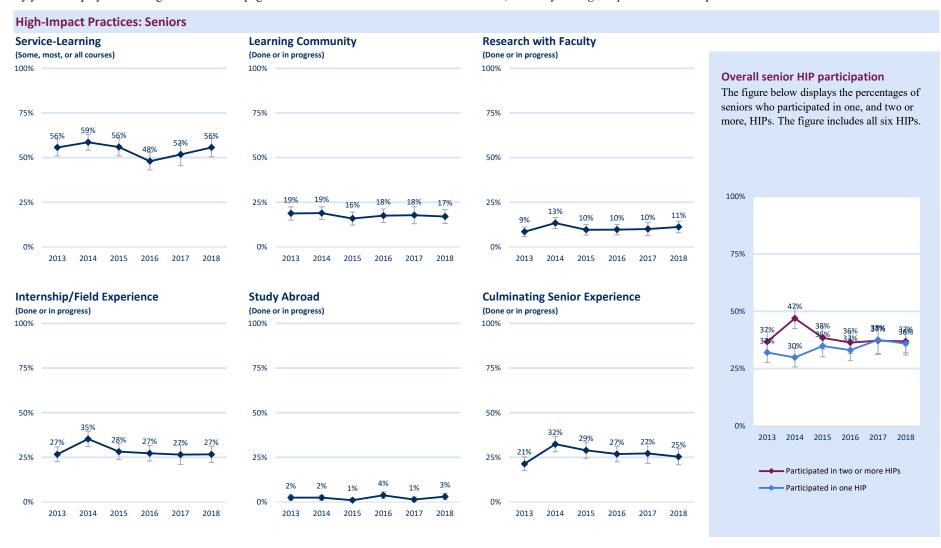






# High-Impact Practices University of Houston-Clear Lake

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

#### **University of Houston-Clear Lake**

stadent engagen		First-year students Seniors																
		2013	2014	2015	2016	2017	2018	2019	2020	201	.3 20	014	2015	2016	2017	2018	2019	202
Academic Challenge																		
Higher-Order Learning	Mean				40.3	39.6	37.6			42	.8 4	3.5	42.9	42.1	40.1	40.7		
riigher order zearning	n				48	33	49			43	88	497	398	415	266	373		
	SD				12.1	13.1	12.6			14	.0 1	3.4	14.0	14.8	14.4	13.2		
	SE				1.75	2.29	1.81			.6	57	.60	.70	.72	.89	.68		
	CI upper bound				43.7	44.0	41.2			44	.1 4	4.7	44.3	43.5	41.8	42.0		
	CI lower bound				36.8	35.1	34.1			41	.5 4	2.3	41.5	40.7	38.3	39.4		
Reflective & Integrative	Mean				37.3	37.6	35.3			38	.7 4	0.0	39.7	38.0	36.5	37.2		
Learning	n				52	33	50			45	57	509	417	427	275	389		
Learning	SD				11.8	13.0	12.1			13	.7 1	2.5	13.7	13.8	13.5	12.6		
	SE				1.64	2.27	1.71			.6	64	.56	.67	.67	.82	.64		
	CI upper bound				40.6	42.0	38.7			39	.9 4	1.1	41.0	39.3	38.1	38.5		
	CI lower bound				34.1	33.1	32.0			37	.4 3	8.9	38.3	36.7	34.9	36.0		
Learning Strategies	Mean				39.3	38.7	39.8			43	.9 4	3.6	42.2	42.6	40.4	40.1		
zearming our at egres	n				47	29	44			42	23	469	388	395	247	362		
	SD				13.2	12.6	13.2			14	.1 1	4.6	14.8	14.5	13.8	14.2		
	SE				1.93	2.34	1.99			.6	8	.67	.75	.73	.88	.75		
	CI upper bound				43.1	43.3	43.7			45	.2 4	4.9	43.7	44.0	42.1	41.6		
	CI lower bound				35.6	34.1	35.9			42	.6 4	2.2	40.7	41.1	38.7	38.7		
Quantitative Reasoning	Mean				31.6	31.5	29.2			27	.4 2	9.0	27.7	29.0	28.3	28.3		
Quantitative neasoning	n				49	33	45			44	5	500	412	422	256	363		
	SD				17.2	14.5	16.1			17	.6 1	7.5	17.3	17.0	17.2	16.3		
	SE				2.46	2.53	2.42			.8	3	.78	.85	.83	1.07	.85		
	CI upper bound				36.4	36.4	33.9			29	.1 3	0.6	29.4	30.6	30.4	30.0		
	CI lower bound				26.8	26.5	24.5			25	.8 2	7.5	26.0	27.4	26.2	26.6		
Academic Challenge (additi	onal items)																	
Preparing for Class	Mean				12.6	13.9	13.5			12	.9 1	4.0	13.4	14.1	13.5	14.5		
(hours/week)	n				49	24	42			4:	.7	452	378	385	236	355		
,,	SD				7.6	7.1	7.8			8	.4	8.5	8.5	9.2	8.3	8.9		
	SE				1.09	1.44	1.20			.4	1	.40	.44	.47	.54	.47		
	CI upper bound				14.7	16.7	15.8			13	.7 1	4.8	14.3	15.0	14.6	15.5		
	CI lower bound				10.5	11.0	11.2			12	.1 1	3.2	12.6	13.2	12.4	13.6		
Course Reading	Mean				5.8	5.9	6.4			6	.9	8.0	7.2	7.4	7.2	7.6		
Estimated hours per week	n				49	24	42					449	373	384	234	351		
calculated from two survey	SD				4.9	3.1	5.2			5	.5	6.8	6.3	6.6	6.0	6.5		
questions. Item wording changed in	SE				.70	.64	.80			.2	.7	.32	.33	.34	.39	.35		
2014; comparability between 2013	CI upper bound				7.1	7.2	7.9			7	.4	8.6	7.8	8.0	8.0	8.2		
and later years is limited.	CI lower bound				4.4	4.7	4.8			6	.4	7.4	6.6	6.7	6.4	6.9		

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).

Academic Challenge (additi	ional items, continued)											
Assigned Writing	Mean	40.5	45.2	59.9	(	62.8	74.1	61.3	61.1	64.1	65.8	
Estimated number of pages	n	46	29	45		369	403	351	362	250	356	



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

**University of Houston-Clear Lake** 

				Firs	t-year s	tudents	5				Seniors								
		2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	202		
calculated from three survey	SD				39.4	38.7	109.9			74.3	90.2	71.6	79.1	86.4	86.4				
questions.	SE				5.81	7.13	16.32			3.87	4.50	3.82	4.16	5.47	4.58				
	CI upper bound				51.9	59.2	91.9			70.4	82.9	68.8	69.3	74.8	74.7				
	CI lower bound				29.1	31.3	28.0			55.3	65.2	53.8	53.0	53.3	56.8				
Course Challenge	Mean				5.2	5.1	5.1			5.9	5.9	5.9	5.9	5.6	5.9				
Extent to which courses challenged	n				49	29	45			434	475	394	399	249	356				
students to do their best work (1 =	SD				1.1	1.4	1.3			1.1	1.1	1.2	1.2	1.4	1.1				
"Not at all" to 7 = "Very much").	SE				.15	.26	.20			.05	.05	.06	.06	.09	.06				
	CI upper bound				5.5	5.6	5.5			6.0	6.0	6.0	6.0	5.8	6.0				
	CI lower bound				4.9	4.6	4.7			5.8	5.8	5.8	5.8	5.4	5.8				
Academic Emphasis	Mean				3.0	3.1	3.3			3.3	3.3	3.3	3.3	3.2	3.2				
Perceived institutional emphasis on	n				49	27	43			414	455	380	387	238	358				
spending significant time studying	SD				0.8	0.8	0.7			0.7	0.7	0.8	0.7	0.7	0.7				
and on academic work (1 = "Very	SE				.11	.16	.11			.04	.03	.04	.04	.05	.03				
little," 2 = "Some," 3 = "Quite a bit,"	CI upper bound				3.3	3.4	3.5			3.4	3.4	3.4	3.4	3.3	3.3				
and 4 = "Very much").	CI lower bound				2.8	2.7	3.1			3.3	3.3	3.2	3.2	3.1	3.2				
earning with Peers																			
<b>Collaborative Learning</b>	Mean				36.6	30.4	30.6			30.0	30.8	30.7	29.7	30.6	30.8				
_	n				54	33	51			459	510	411	431	282	398				
	SD				14.3	12.2	14.4			13.7	14.2	14.2	14.5	14.1	14.7				
	SE				1.95	2.12	2.02			.64	.63	.70	.70	.84	.74				
	CI upper bound				40.5	34.6	34.6			31.3	32.1	32.0	31.1	32.2	32.2				
	CI lower bound				32.8	26.3	26.7			28.7	29.6	29.3	28.3	28.9	29.3				
Discussions with	Mean				45.9	43.3	41.2			43.2	43.2	41.6	42.1	41.4	41.6				
Diverse Others	n				48	28	45			429	470	387	401	250	356				
2.70.00 0	SD				14.6	13.6	17.0			16.7	16.9	18.2	17.1	15.7	17.5				
	SE				2.12	2.54	2.54			.81	.78	.93	.85	.99	.93				
	CI upper bound				50.0	48.3	46.2			44.8	44.8	43.4	43.7	43.4	43.4				
	CI lower bound				41.8	38.3	36.2			41.6	41.7	39.8	40.4	39.5	39.8				

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).

Experiences with Faculty										
Student-Faculty	Mean	24.3	19.8	19.8	18.6	19.1	19.3	19.2	20.0	20.5
Interaction	n	50	33	49	444	502	409	423	270	379
meraction	SD	14.3	10.5	13.8	15.1	15.1	16.2	15.8	15.5	14.3
	SE	2.02	1.82	1.98	.72	.68	.80	.77	.94	.73
	CI upper bound	28.2	23.3	23.7	20.0	20.4	20.8	20.7	21.8	21.9



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

#### **University of Houston-Clear Lake**

				Firs	t-year s	tudents	;			Seniors								
		2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	2020	
	CI lower bound				20.3	16.2	16.0			17.2	17.8	17.7	17.7	18.1	19.0			
Effective Teaching	Mean				41.5	40.5	38.5			43.4	42.5	42.5	42.8	41.1	40.9			
Practices	n				49	33	47			453	506	413	427	266	374			
	SD				12.7	12.6	11.4			14.4	13.5	14.4	13.9	13.7	14.1			
	SE				1.82	2.19	1.66			.68	.60	.71	.67	.84	.73			
	CI upper bound				45.0	44.8	41.8			44.7	43.7	43.9	44.2	42.8	42.3			
	CI lower bound				37.9	36.3	35.3			42.1	41.4	41.1	41.5	39.5	39.4			
Campus Environment																		
Quality of Interactions	Mean				42.8	44.1	41.2			44.4	45.6	44.4	44.6	43.1	43.1			
<b>X</b> ,	n				44	29	44			406	448	359	363	226	334			
	SD				12.7	11.1	13.9			12.7	12.3	13.2	13.1	13.0	12.9			
	SE				1.91	2.04	2.11			.63	.58	.70	.69	.86	.71			
	CI upper bound				46.6	48.1	45.3			45.6	46.7	45.7	46.0	44.8	44.5			
	CI lower bound				39.1	40.1	37.1			43.1	44.4	43.0	43.3	41.4	41.7			
Supportive Environment	Mean				39.5	44.3	39.1			35.4	36.9	37.2	37.3	37.0	34.3			
••	n				49	24	43			415	455	374	384	237	353			
	SD				13.4	12.1	14.5			15.5	15.1	15.6	15.4	13.5	14.0			
	SE				1.92	2.46	2.21			.76	.71	.81	.78	.88	.74			
	CI upper bound				43.3	49.1	43.4			36.9	38.3	38.8	38.8	38.8	35.7			
	CI lower bound				35.7	39.4	34.7			34.0	35.6	35.7	35.7	35.3	32.8			

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 Houston-Clear Lake

							•		,								
				Firs	st-year s	students	5						Senio	ors			
		2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	2020
Service-Learning <sup>a</sup>	%				63	66	55			56	59	56	48	52	56		
Service Learning	n				48	29	44			431	474	392	400	247	357		
	SE				7.0	8.9	7.6			2.4	2.3	2.5	2.5	3.2	2.6		
	CI upper bound (%)				77	84	70			60	63	61	53	58	61		
	CI lower bound (%)				49	49	40			51	54	51	43	46	51		
Learning Community <sup>a</sup>	%				9	9	4			19	19	16	18	18	17		
	n				49	29	44			431	472	392	397	249	360		
	SE				4.2	5.2	2.9			1.9	1.8	1.9	1.9	2.4	2.0		
	Cl upper bound (%)				18	19	10			22	22	20	21	23	21		
	CI lower bound (%)				9	0 <b>0</b>	0 <b>5</b>			15 9	15 13	12 <b>10</b>	14 10	13 10	13 11		
Research with Faculty <sup>a</sup>	n				49	29	<b>4</b> 5			<b>427</b>	470	388	394	249	362		
	SE				4.0	0.0	3.4			1.4	1.6	1.5	1.5	1.9	1.7		
	CI upper bound (%)				16	0.0	12			11	16	13	13	14	14		
	CI lower bound (%)				1	0	0			6	10	7	7	6	8		
Internship or Field	%				71	67	87			27	35	28	27	27	27		
•	n				49	29	45			436	475	393	398	249	361		
Experience <sup>b</sup>	SE				6.6	8.8	5.0			2.1	2.2	2.3	2.2	2.8	2.3		
(First-year results: Plan to do)	CI upper bound (%)				84	84	97			31	40	33	32	32	31		
	CI lower bound (%)				58	49	77			23	31	24	23	21	22		
Study Abroad <sup>b</sup>	%				26	25	9			2	2	1	4	1	3		
(First-year results: Plan to do)	n				48	29	45			430	470	388	397	248	361		
(First-year results. Fran to do)	SE				6.4	8.1	4.3			0.8	0.7	0.5	1.0	0.7	0.9		
	CI upper bound (%)				38	41	17			4	4	2	6	3	5		
	CI lower bound (%)				13	9	0			1	1	0	2	0	1		
Culminating Senior	%				50	44	44			21	32	29	27	27	25		
Experience <sup>b</sup>	n				48	29	44			432	472	391	398	249	360		
(First-year results: Plan to do)	SE				7.3	9.3	7.6			2.0	2.2	2.3	2.2	2.8	2.3		
(First-year results. Fran to do)	CI upper bound (%)				64	62	59			25	37	33	31	33	30		
	CI lower bound (%)				35	25	29			18	28	24	23	22	21		
<b>Overall HIP Participati</b>	on																
Participated in one HIP	%				55	70	49			32	30	35	33	38	36		
-	n				49	29	45			436	476	394	401	249	362		
	SE				7.2	8.6	7.6			2.2	2.1	2.4	2.4	3.1	2.5		
	CI upper bound (%)				69	87	64			36	34	40	38	44	41		
	CI lower bound (%)				41	54	34			28	26	30	28	32	31		
Participated in two or	%				11	2	7			37	47	38	36	37	37		
more HIPs	n				49	29	45			436	476	394	401	249	362		
	SE				4.6	2.8	3.9			2.3	2.3	2.5	2.4	3.1	2.5		
	Cl upper bound (%)				20	8	15			41	51	43	41	43	42		
	CI lower bound (%)				2	0	0			32	42	34	32	31	32		

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.