
College of Charleston

NSSE 2019 Major Field Report, Part II

Comparisons to Other Institutions

Sci & Math

*Comparing your students majoring in the fields shown below to those
in the same fields at your comparison group institutions*

The Major Field Report group 'Sci & Math' includes the following majors: Astronomy; Atmospheric science (including meteorology); Biochemistry or biophysics; Biology (general); Biomedical science; Cell and molecular biology; Chemistry; Computer information systems; Computer science; Earth science (including geology); Marine science; Mathematics; Natural resources and conservation; Other agriculture and natural resources; Other computer science and technology; Other physical sciences; Physics.

Note:

The Major Field Report was formatted for printing. When viewing on screen in Excel, some content may appear truncated or oddly formatted. This is normal. Increasing the zoom level or viewing the report in Print Preview will improve on-screen display.

About Your Major Field Report, Part II

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that can be found within key subpopulations such as major. This report displays selected results for students at your institution and at your selected comparison institutions in the major category: Sci & Math.

NSSE results included in MFR, Part II

- Engagement Indicators
- High-Impact Practices
- Frequencies and Statistical Comparisons
- Respondent Profile

Related-Major Groups

Self-reported first and second (if applicable) majors were identified from the survey. Your institution had the option to customize how these majors were grouped, using up to ten related-major groups. Institutions choosing not to customize their major categories receive NSSE's ten default groups. The majors used in this report are listed on the cover page of this report.

Sample

This report is based on information from all randomly selected or census-administered students in the indicated group of majors for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included. Report Sample (if applicable) respondents are also excluded.

Class

Results are presented separately by institution-reported class level. Keep in mind that majors are student-reported. First-year students may report *intended* majors that have not yet been *declared*. Also, much of the first-year experience may take place outside of the major field. For these reasons, first-year results should be interpreted with caution.

Technical Requirements

Frequencies will be reported for related-major groups that have at least 5 respondents, but NSSE requires a group to have at least 20 respondents for statistical comparisons (e.g., means and t-tests). Comparison groups must contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement for all other statistics (Engagement Indicators, means, etc.), keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, *Major Field Report* results are unweighted.

Report Sections (Those marked with an asterisk are included if at least one related-major group includes 20 or more respondents.)

Engagement Indicators*	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes. See your <i>Engagement Indicators</i> report for more details.
High-Impact Practices*	Results on student participation in six High-Impact Practices (HIPs). See your <i>High-Impact Practices</i> report for more details.
Frequencies and Statistical Comparisons*	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile	Response frequencies for all demographic questions for your institution and your three core comparison groups.

Engagement Indicators: Overview

Engagement Indicators are summary measures based on sets of NSSE questions examining key dimensions of student engagement. The ten indicators are organized within four themes: Academic Challenge, Learning with Peers, Experiences with Faculty, and Campus Environment. The tables below compare average scores^a for your students in this related-major category with students in your comparison groups within the same category.

Use the following key:

- ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
- ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
- No significant difference.
- ▼ **Your students' average** was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
- ▼ **Your students' average** was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

First-Year Students in Sci & Math

Seniors in Sci & Math

Theme	Engagement Indicator	First-Year Students in Sci & Math			Seniors in Sci & Math		
		Your first-year students compared with CofC peers	Your first-year students compared with Southeast Public	Your first-year students compared with South Carolina	Your seniors compared with CofC peers	Your seniors compared with Southeast Public	Your seniors compared with South Carolina
Academic Challenge	Higher-Order Learning	--	--	--	--	--	--
	Reflective & Integrative Learning	--					
	Learning Strategies	--	--	--	--	--	--
	Quantitative Reasoning	--	--	--	--	--	--
Learning with Peers	Collaborative Learning	--	--	--	--		--
	Discussions with Diverse Others	--		--	--	--	--
Experiences with Faculty	Student-Faculty Interaction	--	--	--	--		--
	Effective Teaching Practices	--	--	--	--	--	--
Campus Environment	Quality of Interactions	--	--	▼	--	--	--
	Supportive Environment	--	--	--	--		--

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Sci & Math

College of Charleston

First-year students^a in Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
CofC (N = 134)	39.1	11.9	1.03	20	30	40	45	60				
CofC peers	39.6	12.5	.64	20	30	40	50	60	512	-.5		-.043
Southeast Public	38.6	13.2	.20	20	30	40	50	60	144	.5		.040
South Carolina	39.3	12.6	.55	20	30	40	45	60	649	-.2		-.018
Reflective & Integrative Learning												
CofC (N = 135)	37.3	12.2	1.05	17	26	37	46	60				
CofC peers	36.7	10.7	.55	20	29	37	43	54	516	.6		.051
Southeast Public	34.3	12.0	.19	17	26	34	43	57	4,354	2.9	**	.244
South Carolina	34.2	12.0	.52	14	26	34	40	54	659	3.0	**	.252
Learning Strategies												
CofC (N = 134)	40.4	11.9	1.03	20	33	40	47	60				
CofC peers	38.8	12.7	.66	20	33	40	47	60	506	1.6		.127
Southeast Public	38.7	14.0	.22	20	27	40	47	60	145	1.7		.125
South Carolina	39.6	14.1	.62	20	27	40	53	60	238	.8		.058
Quantitative Reasoning												
CofC (N = 132)	31.8	14.4	1.26	7	20	33	40	60				
CofC peers	32.8	14.1	.73	7	20	33	40	60	508	-1.0		-.067
Southeast Public	29.9	15.1	.23	7	20	27	40	60	4,304	2.0		.129
South Carolina	30.7	15.6	.68	7	20	33	40	60	653	1.2		.076
Learning with Peers												
Collaborative Learning												
CofC (N = 133)	35.8	13.1	1.14	15	30	35	45	60				
CofC peers	34.6	13.3	.68	15	25	35	45	60	514	1.2		.093
Southeast Public	34.7	14.5	.22	10	25	35	45	60	142	1.2		.081
South Carolina	35.1	14.0	.61	15	25	35	45	60	656	.7		.052
Discussions with Diverse Others												
CofC (N = 134)	43.4	14.9	1.28	20	35	43	60	60				
CofC peers	41.5	14.0	.72	20	30	40	55	60	510	1.9		.133
Southeast Public	40.5	15.7	.24	15	30	40	55	60	4,323	2.9	*	.185
South Carolina	41.7	15.2	.67	20	30	40	55	60	652	1.7		.113

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Sci & Math

College of Charleston

First-year students^a in Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
CofC (N = 133)	25.1	14.2	1.23	5	15	25	35	55				
CofC peers	23.1	13.9	.71	0	15	20	30	50	511	1.9		.139
Southeast Public	22.6	14.9	.23	0	10	20	30	50	4,315	2.4		.164
South Carolina	24.6	14.1	.62	5	15	20	35	55	651	.4		.030
Effective Teaching Practices												
CofC (N = 135)	38.3	11.6	1.00	20	28	40	44	60				
CofC peers	39.2	11.7	.60	20	32	40	48	60	516	-.9		-.078
Southeast Public	38.3	13.2	.20	16	28	40	48	60	145	.0		.001
South Carolina	40.3	12.8	.56	20	32	40	52	60	657	-2.0		-.160
Campus Environment												
Quality of Interactions												
CofC (N = 128)	41.6	10.3	.91	22	36	44	50	54				
CofC peers	42.5	11.2	.58	22	35	43	50	60	498	-.8		-.077
Southeast Public	42.3	12.0	.19	20	35	44	50	60	4,176	-.7		-.058
South Carolina	44.3	10.9	.48	24	38	46	52	60	638	-2.7	*	-.245
Supportive Environment												
CofC (N = 135)	37.7	12.4	1.07	18	29	38	45	60				
CofC peers	38.5	12.6	.64	18	30	40	48	60	514	-.8		-.065
Southeast Public	37.3	13.5	.21	15	28	38	48	60	4,332	.3		.026
South Carolina	39.1	13.1	.58	18	30	40	50	60	652	-1.4		-.110

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Sci & Math

College of Charleston

Seniors^a in Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
CofC (N = 171)	40.3	13.9	1.06	20	30	40	50	60				
CofC peers	38.6	13.7	.78	15	30	40	50	60	475	1.7		.124
Southeast Public	39.2	13.9	.21	15	30	40	50	60	4,452	1.1		.078
South Carolina	39.2	13.8	.56	20	30	40	50	60	774	1.1		.083
Reflective & Integrative Learning												
CofC (N = 174)	38.8	12.6	.95	20	29	37	49	60				
CofC peers	35.4	12.5	.71	17	29	34	43	57	481	3.4	**	.268
Southeast Public	35.3	12.2	.19	17	26	34	43	57	4,489	3.5	***	.288
South Carolina	35.7	12.6	.51	14	29	37	43	57	786	3.1	**	.245
Learning Strategies												
CofC (N = 172)	39.8	14.2	1.09	20	27	40	53	60				
CofC peers	38.8	14.8	.84	13	27	40	53	60	475	1.1		.072
Southeast Public	39.0	14.5	.22	13	27	40	53	60	4,450	.8		.057
South Carolina	39.1	14.0	.57	20	27	40	53	60	778	.7		.049
Quantitative Reasoning												
CofC (N = 172)	34.5	15.1	1.15	13	20	33	47	60				
CofC peers	36.1	15.6	.90	13	20	33	47	60	473	-1.6		-.102
Southeast Public	33.0	15.6	.24	7	20	33	40	60	4,430	1.5		.098
South Carolina	32.8	15.7	.64	7	20	33	40	60	773	1.8		.113
Learning with Peers												
Collaborative Learning												
CofC (N = 173)	38.4	13.7	1.04	15	30	40	50	60				
CofC peers	37.0	13.8	.79	15	25	40	45	60	477	1.4		.104
Southeast Public	36.2	14.4	.22	15	25	35	45	60	4,468	2.2	*	.157
South Carolina	36.2	14.6	.59	15	25	35	45	60	781	2.2		.154
Discussions with Diverse Others												
CofC (N = 172)	41.8	14.6	1.11	20	30	40	55	60				
CofC peers	39.7	15.1	.86	15	30	40	50	60	474	2.0		.137
Southeast Public	41.4	15.8	.24	15	30	40	60	60	4,437	.4		.027
South Carolina	42.4	14.9	.60	20	35	40	60	60	777	-.7		-.044

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Engagement Indicators: Sci & Math

College of Charleston

Seniors^a in Sci & Math

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
CofC (N = 172)	30.7	16.7	1.28	5	20	30	45	60				
CofC peers	29.8	16.1	.92	5	20	25	40	60	477	.8		.052
Southeast Public	27.5	16.3	.25	5	15	25	40	60	4,447	3.2	*	.194
South Carolina	29.6	16.0	.65	5	20	30	40	60	780	1.0		.064
Effective Teaching Practices												
CofC (N = 174)	39.1	12.5	.95	16	32	40	48	60				
CofC peers	40.4	12.8	.73	20	32	40	48	60	481	-1.3		-.105
Southeast Public	39.5	13.4	.20	16	32	40	48	60	4,489	-.4		-.031
South Carolina	40.0	13.3	.54	20	32	40	52	60	787	-1.0		-.073
Campus Environment												
Quality of Interactions												
CofC (N = 171)	41.0	11.4	.87	22	34	42	50	60				
CofC peers	42.1	10.6	.61	24	34	43	50	60	472	-1.1		-.097
Southeast Public	41.8	11.9	.19	20	34	42	50	60	4,307	-.8		-.069
South Carolina	42.8	12.0	.49	20	36	44	52	60	768	-1.7		-.146
Supportive Environment												
CofC (N = 172)	35.3	13.2	1.01	15	25	35	45	60				
CofC peers	32.2	12.3	.70	10	25	33	40	55	477	3.1	*	.243
Southeast Public	32.6	13.8	.21	10	23	33	43	58	4,459	2.7	*	.194
South Carolina	34.0	13.9	.56	10	23	35	43	58	780	1.3		.092

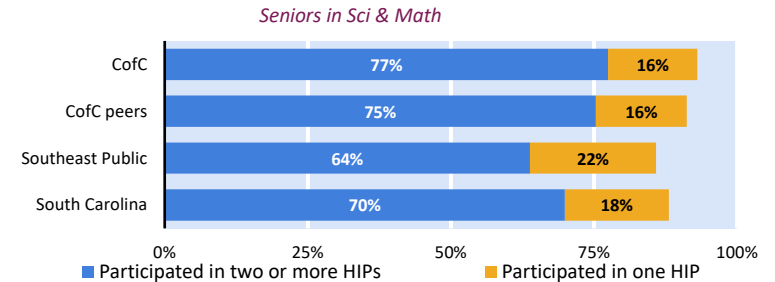
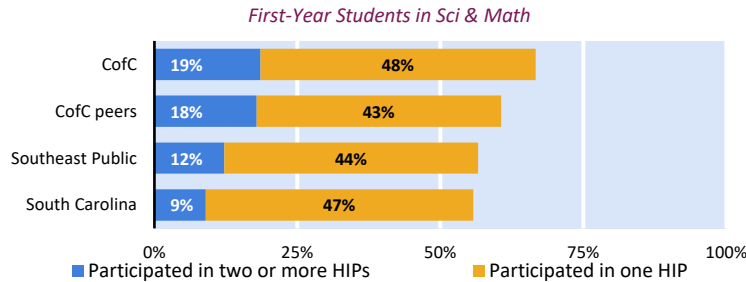
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High-Impact Practices: Sci & Math

College of Charleston

Overall HIP Participation^{a,h}

The figures below display the percentage of students who participated in High-Impact Practices. Both figures include participation in service-learning, a learning community, and research with faculty. The senior figure also includes participation in an internship or field experience, study abroad, and culminating senior experience. The first segment in each bar shows the percentage who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.



Statistical Comparisons

The table below displays the percentage of your students who participated in a given High-Impact Practice, including the percentage who participated overall (at least one, two or more). It also graphs the difference, in percentage points, between your students and those of your comparison groups. Blue bars indicate how much higher your institution's percentage is compared to the comparison group. Dark red bars indicate how much lower your institution's percentage is compared to the comparison group.

	<i>Your students' participation compared with:</i>							
	CofC	CofC peers		Southeast Public	South Carolina			
	%	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	
<i>First-Year Students in Sci & Math</i>								
12. Service-Learning	56	+3	.07	+8	.15	+8	.15	
11c. Learning Community	24	+2	.04	+9	** .22	+10	** .25	
11e. Research with Faculty	8	+2	.10	+0	.02	+5	* .21	
Participated in at least one	67	+6	.13	+10	* .21	+11	* .23	
Participated in two or more	19	+1	.02	+6	* .17	+10	** .28	
<i>Seniors in Sci & Math</i>								
12. Service-Learning	60	+7	.14	+9	* .19	+10	* .20	
11c. Learning Community	33	+4	.09	+9	** .20	+10	** .23	
11e. Research with Faculty	56	+9	.18	+12	** .25	+8	.16	
11a. Internship or Field Exp.	67	+12	** .25	+19	*** .39	+9	* .19	
11d. Study Abroad	29	-4	-.09	+14	*** .33	+6	.14	
11f. Culminating Senior Exp.	57	-10	* -.21	+11	** .22	+7	.14	
Participated in at least one	93	+2	.07	+7	** .24	+5	.17	
Participated in two or more	77	+2	.05	+14	*** .30	+8	.17	

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

First-Year Students^a in Sci & Math

Item wording or description				Variable name ^l				Values ^m				Frequency Distributions				Statistical Comparisons ^k											
												CofC		CofC peers		Southeast Public		South Carolina		CofC		CofC peers		Southeast Public		South Carolina	
												Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
1. During the current school year, about how often have you done the following?																											
a. Asked questions or contributed to course discussions in other ways				askquest				1 Never 2 Sometimes 3 Often 4 Very often Total				0 0 52 39 48 36 35 26 135 100		8 2 130 34 146 39 95 25 379 100		158 4 1,607 38 1,433 34 1,032 24 4,230 100		11 2 163 31 190 36 161 31 525 100		2.9 2.9 .01 2.8 .10 3.0 -.10							
b. Prepared two or more drafts of a paper or assignment before turning it in				drafts				1 Never 2 Sometimes 3 Often 4 Very often Total				28 21 52 39 42 31 12 9 134 100		55 14 144 38 125 33 57 15 381 100		875 21 1,456 34 1,147 27 759 18 4,237 100		100 19 193 37 144 27 91 17 528 100		2.3 2.5 * -0.22 2.4 -.14 2.4 -.15							
c. Come to class without completing readings or assignments				unpreparedr (Reverse-coded version of unprepared created by NSSE.)				1 Very often 2 Often 3 Sometimes 4 Never Total				4 3 11 8 87 65 32 24 134 100		16 4 35 9 232 61 100 26 383 100		187 4 533 13 2,335 55 1,192 28 4,247 100		20 4 54 10 297 56 158 30 529 100		3.1 3.1 .02 3.1 .04 3.1 -.03							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)				attendart				1 Never 2 Sometimes 3 Often 4 Very often Total				53 40 52 39 21 16 8 6 134 100		106 28 171 45 71 19 33 9 381 100		1,664 39 1,682 40 607 14 286 7 4,239 100		162 31 247 47 80 15 39 7 528 100		1.9 2.1 * -.22 1.9 -.01 2.0 -.13							
e. Asked another student to help you understand course material				CLaskhelp				1 Never 2 Sometimes 3 Often 4 Very often Total				9 7 45 33 53 39 28 21 135 100		28 7 131 34 156 41 68 18 383 100		336 8 1,458 34 1,507 36 943 22 4,244 100		8 29 178 34 206 39 115 22 528 100		2.7 2.7 .06 2.7 .02 2.8 -.04							
f. Explained course material to one or more students				CLexplain				1 Never 2 Sometimes 3 Often 4 Very often Total				4 3 34 25 61 45 36 27 135 100		8 2 120 31 162 42 93 24 383 100		158 4 1,324 31 1,678 40 1,083 26 4,243 100		11 2 170 32 223 42 126 24 530 100		3.0 2.9 .09 2.9 .10 2.9 .10							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

First-Year Students^a in Sci & Math

Item wording or description				Frequency Distributions								Statistical Comparisons ^k									
				CofC		CofC peers		Southeast Public		South Carolina		Your first-year students compared with									
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ			
g. Prepared for exams by discussing or working through course material with other students				CLstudy	1	Never	14	10	45	12	607	14	67	13	2.7	2.6	.13	2.6	.09	2.7	.07
				2	Sometimes	40	30	140	37	1,340	32	171	32								
				3	Often	49	37	121	32	1,311	31	168	32								
				4	Very often	31	23	77	20	990	23	123	23								
				Total		134	100	383	100	4,248	100	529	100								
h. Worked with other students on course projects or assignments				CLproject	1	Never	9	7	14	4	328	8	33	6	2.7	2.7	-.01	2.7	.02	2.7	.01
				2	Sometimes	47	35	147	38	1,455	34	186	35								
				3	Often	49	37	146	38	1,547	37	201	38								
				4	Very often	29	22	76	20	904	21	107	20								
				Total		134	100	383	100	4,234	100	527	100								
i. Given a course presentation				present	1	Never	29	21	59	15	1,048	25	96	18	2.2	2.3 *	-.20	2.2	-.01	2.3	-.14
				2	Sometimes	66	49	171	45	1,794	42	234	44								
				3	Often	27	20	113	30	949	22	142	27								
				4	Very often	13	10	40	10	451	11	57	11								
				Total		135	100	383	100	4,242	100	529	100								
2. During the current school year, about how often have you done the following?																					
a. Combined ideas from different courses when completing assignments				RIntegrate	1	Never	9	7	22	6	400	9	45	9	2.7	2.7	.01	2.6	.14	2.5	.16
				2	Sometimes	50	37	148	39	1,708	40	214	40								
				3	Often	52	39	149	39	1,498	35	206	39								
				4	Very often	24	18	64	17	625	15	64	12								
				Total		135	100	383	100	4,231	100	529	100								
b. Connected your learning to societal problems or issues				RSocietal	1	Never	9	7	28	7	550	13	56	11	2.8	2.6	.13	2.4 ***	.35	2.5 **	.29
				2	Sometimes	43	32	139	36	1,797	43	223	42								
				3	Often	55	41	155	41	1,312	31	171	33								
				4	Very often	28	21	60	16	565	13	75	14								
				Total		135	100	382	100	4,224	100	525	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments				RIdiverse	1	Never	14	10	28	7	602	14	70	13	2.7	2.6	.08	2.5 **	.28	2.5 *	.24
				2	Sometimes	44	33	144	38	1,717	41	205	39								
				3	Often	44	33	147	38	1,298	31	179	34								
				4	Very often	33	24	64	17	617	15	76	14								
				Total		135	100	383	100	4,234	100	530	100								

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

First-Year Students^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
																			CofC
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	6	4	5	1	204	5	34	6	2.9	2.9	.01	2.8	.12	2.7	.17	
		2	Sometimes	35	26	119	31	1,403	33	178	34								
		3	Often	66	49	185	48	1,812	43	217	41								
		4	Very often	28	21	73	19	809	19	97	18								
		Total		135	100	382	100	4,228	100	526	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	1	1	8	2	138	3	17	3	3.0	3.0	-.02	2.9	.10	2.9	.17	
		2	Sometimes	37	28	90	24	1,152	27	150	28								
		3	Often	56	42	172	45	1,865	44	246	47								
		4	Very often	39	29	112	29	1,073	25	114	22								
		Total		133	100	382	100	4,228	100	527	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	2	1	7	2	169	4	22	4	2.9	2.9	.03	2.8	.12	2.8	.11	
		2	Sometimes	39	29	112	29	1,329	31	143	27								
		3	Often	62	46	175	46	1,804	43	260	50								
		4	Very often	32	24	87	23	918	22	99	19								
		Total		135	100	381	100	4,220	100	524	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	2	1	65	2	7	1	3.1	3.1	.00	3.1	.09	3.0	.14	
		2	Sometimes	27	20	59	15	859	20	106	20								
		3	Often	64	48	212	55	2,080	49	282	54								
		4	Very often	43	32	109	29	1,208	29	129	25								
		Total		134	100	382	100	4,212	100	524	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	10	7	56	15	703	17	53	10	2.6	2.4 **	.27	2.4 *	.22	2.5	.08	
		2	Sometimes	57	42	178	47	1,757	42	219	42								
		3	Often	43	32	96	25	1,091	26	167	32								
		4	Very often	25	19	52	14	670	16	86	16								
		Total		135	100	382	100	4,221	100	525	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	59	44	159	42	1,955	46	222	42	1.9	1.9	-.01	1.8	.05	1.9	.01	
		2	Sometimes	46	34	135	35	1,325	31	187	36								
		3	Often	17	13	58	15	610	14	80	15								
		4	Very often	13	10	30	8	331	8	37	7								
		Total		135	100	382	100	4,221	100	526	100								

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				Frequency Distributions								Statistical Comparisons ^k						
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC peers		Southeast Public		South Carolina	
													Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	33	25	87	23	1,240	29	121	23	2.2	2.2	.05	2.1	.13	2.2	-.01
		2	Sometimes	59	44	184	48	1,798	43	231	44							
		3	Often	23	17	78	20	788	19	113	22							
		4	Very often	18	14	34	9	392	9	58	11							
		Total		133	100	383	100	4,218	100	523	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	21	16	78	20	921	22	90	17	2.3	2.2	.12	2.2	.10	2.3	-.01
		2	Sometimes	65	48	175	46	1,917	45	245	47							
		3	Often	36	27	103	27	953	23	123	24							
		4	Very often	13	10	26	7	431	10	64	12							
		Total		135	100	382	100	4,222	100	522	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	4	3	13	3	114	3	10	2	3.0	3.0	.06	3.0	.01	3.0	.05
		2	Some	27	20	83	22	922	22	124	24							
		3	Quite a bit	64	47	180	47	1,906	45	245	47							
		4	Very much	40	30	106	28	1,277	30	144	28							
		Total		135	100	382	100	4,219	100	523	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	1	11	3	133	3	13	2	3.0	3.0	-.10	3.0	-.09	3.1	-.18
		2	Some	31	23	76	20	918	22	91	17							
		3	Quite a bit	73	54	184	48	1,867	44	253	49							
		4	Very much	29	21	111	29	1,296	31	164	31							
		Total		135	100	382	100	4,214	100	521	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	5	4	8	2	151	4	16	3	3.0	3.0	-.12	3.0	-.01	3.0	-.01
		2	Some	32	24	80	21	1,036	25	128	24							
		3	Quite a bit	61	46	179	47	1,850	44	240	46							
		4	Very much	36	27	114	30	1,172	28	140	27							
		Total		134	100	381	100	4,209	100	524	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	2	1	10	3	184	4	18	3	2.9	2.9	.00	2.9	.08	2.9	.00
		2	Some	39	29	109	29	1,234	29	134	26							
		3	Quite a bit	62	46	164	43	1,809	43	244	46							
		4	Very much	32	24	99	26	988	23	129	25							
		Total		135	100	382	100	4,215	100	525	100							

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				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC peers		Southeast Public		South Carolina	
													Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	2	1	15	4	182	4	21	4	3.0	2.9	.08	2.9	.15	2.9	.14
		2	Some	31	23	100	26	1,188	28	137	26							
		3	Quite a bit	68	50	166	43	1,834	44	245	47							
		4	Very much	34	25	102	27	1,010	24	119	23							
		Total		135	100	383	100	4,214	100	522	100							
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	2	1	3	1	112	3	12	2	3.0	3.1	-.14	3.1	-.04	3.1	-.13
		2	Some	33	24	69	18	868	21	94	18							
		3	Quite a bit	60	44	186	49	1,904	45	236	45							
		4	Very much	40	30	123	32	1,335	32	182	35							
		Total		135	100	381	100	4,219	100	524	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	2	9	2	170	4	16	3	3.0	3.0	.00	3.0	.03	3.0	-.04
		2	Some	28	21	76	20	936	22	101	19							
		3	Quite a bit	68	50	198	52	1,864	44	247	47							
		4	Very much	36	27	100	26	1,237	29	159	30							
		Total		135	100	383	100	4,207	100	523	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	1	13	3	149	4	6	1	3.1	3.1	-.06	3.1	.01	3.1	-.11
		2	Some	31	23	62	16	883	21	100	19							
		3	Quite a bit	62	46	178	46	1,778	42	231	44							
		4	Very much	41	30	130	34	1,408	33	187	36							
		Total		135	100	383	100	4,218	100	524	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	8	6	28	7	374	9	26	5	2.8	2.8	-.02	2.8	.00	2.9	-.18
		2	Some	38	28	112	29	1,256	30	138	26							
		3	Quite a bit	64	47	150	39	1,489	35	199	38							
		4	Very much	25	19	92	24	1,100	26	161	31							
		Total		135	100	382	100	4,219	100	524	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	8	6	24	6	428	10	36	7	2.7	2.8	-.07	2.7	.01	2.8	-.15
		2	Some	49	36	124	32	1,369	32	148	28							
		3	Quite a bit	54	40	156	41	1,521	36	207	40							
		4	Very much	24	18	78	20	896	21	131	25							
		Total		135	100	382	100	4,214	100	522	100							

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Item wording or description				Frequency Distributions								Statistical Comparisons ^k																							
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your first-year students compared with																					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ																	
6. During the current school year, about how often have you done the following?																																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)				QRconclude		1 Never		2 Sometimes		3 Often		4 Very often		Total		2.8		2.9		-.14		2.8		.01		2.8		.00							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)				QRproblem		1 Never		2 Sometimes		3 Often		4 Very often		Total		2.5		2.5		-.04		2.3		.14		2.4		.09							
c. Evaluated what others have concluded from numerical information				QRevaluate		1 Never		2 Sometimes		3 Often		4 Very often		Total		2.5		2.5		.03		2.4		.17		2.5		.10							
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																																			
a. Up to 5 pages				wrshortnum		0 None		1.5 1-2		4 3-5		8 6-10		13 11-15		18 16-20		23 More than 20		Total		6.2		6.6		-.08		5.7		.08		6.2		-.01	
b. Between 6 and 10 pages				wrmednum		0 None		1.5 1-2		4 3-5		8 6-10		13 11-15		18 16-20		23 More than 20		Total		1.7		2.0		-.11		1.9		-.07		2.0		-.11	

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				Frequency Distributions								Statistical Comparisons ^k							
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
																			CofC
c. 11 pages or more	wrlongnum	0	None	111	82	295	77	3,419	81	440	84	.6	.7	-.07	.7	-.06	.6	.00	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	19	14	68	18	525	12	63	12								
		4	3-5	2	1	6	2	113	3	8	2								
		8	6-10	1	1	8	2	80	2	8	2								
		13	11-15	1	1	3	1	46	1	3	1								
		18	16-20	1	1	0	0	12	0	1	0								
		23	More than 20	0	0	2	1	14	0	2	0								
	Total			135	100	382	100	4,209	100	525	100								
Estimated number of assigned pages of student writing.	wpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									40.5	46.0	-.09	43.0	-.04	43.2	-.05	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	5	4	16	4	209	5	24	5	3.2	3.0 *	.24	3.1 *	.18	3.1	.11	
		2	Sometimes	25	19	107	28	981	23	107	20								
		3	Often	38	28	112	29	1,315	31	163	31								
		4	Very often	67	50	146	38	1,710	41	229	44								
		Total		135	100	381	100	4,215	100	523	100								
b. People from an economic background other than your own	DDeconomic	1	Never	3	2	8	2	198	5	21	4	3.2	3.1	.13	3.1 *	.19	3.1	.13	
		2	Sometimes	25	19	79	21	943	22	114	22								
		3	Often	44	33	150	39	1,463	35	170	33								
		4	Very often	62	46	144	38	1,610	38	218	42								
		Total		134	100	381	100	4,214	100	523	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	3	2	11	3	250	6	31	6	3.2	3.1	.08	3.0 *	.19	3.0	.19	
		2	Sometimes	32	24	91	24	1,100	26	131	25								
		3	Often	40	30	130	34	1,316	31	174	33								
		4	Very often	60	44	148	39	1,551	37	190	36								
		Total		135	100	380	100	4,217	100	526	100								
d. People with political views other than your own	DDpolitical	1	Never	5	4	12	3	274	6	28	5	3.1	3.1	.00	3.0	.09	3.1	-.02	
		2	Sometimes	34	25	95	25	1,095	26	119	23								
		3	Often	45	33	135	35	1,357	32	163	31								
		4	Very often	51	38	139	36	1,494	35	214	41								
		Total		135	100	381	100	4,220	100	524	100								

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				CofC		CofC peers		Southeast Public		South Carolina		CofC		<i>Your first-year students compared with</i>				
Item wording or description	Variable name ^l	Values ^m	Response options															
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	1	1	4	1	106	3	12	2	3.1	3.0	.05	3.0	.13	3.0	.05
		2	Sometimes	30	22	77	20	1,019	24	115	22							
		3	Often	62	46	198	52	1,966	47	239	46							
		4	Very often	42	31	99	26	1,117	27	157	30							
		Total		135	100	378	100	4,208	100	523	100							
b. Reviewed your notes after class	LSnotes	1	Never	3	2	18	5	201	5	18	3	3.0	2.9	.11	3.0	.08	3.0	.04
		2	Sometimes	32	24	101	27	1,132	27	145	28							
		3	Often	56	42	142	38	1,485	35	181	34							
		4	Very often	43	32	116	31	1,395	33	181	34							
		Total		134	100	377	100	4,213	100	525	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	5	4	18	5	258	6	31	6	2.9	2.8	.13	2.9	.09	2.9	.04
		2	Sometimes	32	24	114	30	1,217	29	149	28							
		3	Often	65	48	163	43	1,613	38	189	36							
		4	Very often	33	24	85	22	1,119	27	157	30							
		Total		135	100	380	100	4,207	100	526	100							
10. During the current school year, to what extent have your courses challenged you to do your best work?																		
challenge		1	Not at all	0	0	4	1	50	1	4	1	5.5	5.5	.05	5.5	.04	5.7	-.10
		2		1	1	1	0	52	1	6	1							
		3		6	4	10	3	188	4	22	4							
		4		12	9	40	10	475	11	41	8							
		5		50	37	136	36	1,314	31	142	27							
		6		32	24	115	30	1,013	24	152	29							
		7	Very much	34	25	75	20	1,114	26	156	30							
		Total		135	100	381	100	4,206	100	523	100							
11. Which of the following have you done or do you plan to do before you graduate?^o																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		7	5	38	10	468	11	54	10	13%	6% **	.26	8% *	.18	7% *	.19
		Do not plan to do		8	6	11	3	174	4	14	3							
		Plan to do		102	76	310	81	3,243	77	417	80							
		Done or in progress		18	13	22	6	332	8	39	7							
		Total		135	100	381	100	4,217	100	524	100							

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Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	29	21	100	26	1,093	26	147	28	15%	12%	.08	12%	.09	14%	.02	
			Do not plan to do	30	22	70	18	951	23	109	21								
			Plan to do	56	41	163	43	1,660	39	193	37								
			Done or in progress	20	15	46	12	501	12	73	14								
			Total	135	100	379	100	4,205	100	522	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	37	28	111	29	1,325	32	184	35	24%	22%	.04	15% **	.22	14% **	.25	
			Do not plan to do	40	30	115	30	1,114	27	136	26								
			Plan to do	24	18	67	18	1,119	27	125	24								
			Done or in progress	32	24	85	22	644	15	75	14								
			Total	133	100	378	100	4,202	100	520	100								
d. Participate in a study abroad program	abroad		Have not decided	30	22	78	21	1,209	29	135	26	4%	5%	-.06	4%	.01	4%	-.03	
			Do not plan to do	20	15	50	13	1,103	26	116	22								
			Plan to do	79	59	232	61	1,745	41	248	48								
			Done or in progress	5	4	19	5	150	4	23	4								
			Total	134	100	379	100	4,207	100	522	100								
e. Work with a faculty member on a research project	research		Have not decided	30	23	109	29	1,271	30	171	33	8%	6%	.10	8%	.02	3% *	.21	
			Do not plan to do	17	13	37	10	607	14	65	12								
			Plan to do	75	56	212	56	2,007	48	270	52								
			Done or in progress	11	8	22	6	328	8	18	3								
			Total	133	100	380	100	4,213	100	524	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	38	28	91	24	1,312	31	169	32	1%	2%	-.08	2%	-.10	1%	.00	
			Do not plan to do	9	7	21	6	379	9	40	8								
			Plan to do	87	64	262	69	2,440	58	308	59								
			Done or in progress	1	1	6	2	76	2	4	1								
			Total	135	100	380	100	4,207	100	521	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse		1 None	60	44	181	48	2,197	52	272	52	1.6	1.6	.06	1.6	.08	1.6	.09	
			2 Some	67	50	178	47	1,706	40	214	41								
			3 Most	7	5	15	4	241	6	30	6								
			4 All	1	1	4	1	69	2	7	1								
			Total	135	100	378	100	4,213	100	523	100								

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				Frequency Distributions								Statistical Comparisons ^k									
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ			
Item wording or description	Variable name ^l	Values ^m	Response options																		
13. Indicate the quality of your interactions with the following people at your institution.																					
a. Students	QIstudent	1	Poor	6	4	4	1	70	2	4	1	5.0	▼	5.3 **	-.30	▼	5.4 ***	-.31	▼	5.5 ***	-.44
		2		3	2	6	2	82	2	11	2										
		3		9	7	17	4	216	5	23	4										
		4		20	15	57	15	579	14	57	11										
		5		45	33	115	30	1,160	28	140	27										
		6		39	29	105	28	1,017	24	136	26										
		7	Excellent	13	10	76	20	1,063	25	150	29										
		—	Not applicable	0	0	1	0	29	1	1	0										
			Total	135	100	381	100	4,216	100	522	100										
b. Academic advisors	QIadvisor	1	Poor	2	1	9	2	128	3	12	2	5.4		5.3	.05	5.3	.05	5.4	-.03		
		2		5	4	18	5	169	4	17	3										
		3		10	7	29	8	304	7	36	7										
		4		15	11	49	13	575	14	58	11										
		5		32	24	73	19	792	19	106	20										
		6		29	21	85	22	872	21	120	23										
		7	Excellent	41	30	116	30	1,318	31	171	33										
		—	Not applicable	1	1	2	1	61	1	3	1										
			Total	135	100	381	100	4,219	100	523	100										
c. Faculty	QIfaculty	1	Poor	1	1	5	1	74	2	7	1	5.5		5.5	-.02	5.3	.12	5.6	-.07		
		2		4	3	2	1	109	3	4	1										
		3		4	3	12	3	225	5	22	4										
		4		19	14	50	13	627	15	59	11										
		5		31	23	105	28	1,083	26	128	25										
		6		44	33	123	32	1,121	27	160	31										
		7	Excellent	31	23	82	22	930	22	137	26										
		—	Not applicable	1	1	1	0	41	1	4	1										
			Total	135	100	380	100	4,210	100	521	100										

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

First-Year Students^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	1	1	17	4	151	4	12	2	5.0	5.0	-.04	5.1	-.09	5.3 *	-.21	
		2		5	4	12	3	144	3	13	2								
		3		14	10	29	8	309	7	43	8								
		4		23	17	70	18	585	14	61	12								
		5		32	24	77	20	868	21	117	22								
		6		35	26	76	20	853	20	121	23								
		7	Excellent	16	12	84	22	924	22	127	24								
		—	Not applicable	9	7	15	4	381	9	28	5								
Total				135	100	380	100	4,215	100	522	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	2	1	13	3	182	4	8	2	5.1	5.0	.02	5.0	.04	5.3	-.13	
		2		4	3	12	3	180	4	24	5								
		3		10	7	25	7	317	8	38	7								
		4		17	13	66	17	611	15	58	11								
		5		34	25	76	20	923	22	122	23								
		6		34	25	79	21	794	19	113	22								
		7	Excellent	16	12	71	19	877	21	128	25								
		—	Not applicable	18	13	37	10	324	8	29	6								
Total				135	100	379	100	4,208	100	520	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	3	2	4	1	77	2	7	1	2.9	3.1 *	-.23	3.2 **	-.29	3.2 ***	-.38	
		2	Some	32	24	64	17	671	16	71	14								
		3	Quite a bit	69	51	198	52	1,948	46	241	46								
		4	Very much	31	23	115	30	1,511	36	201	39								
		Total			135	100	381	100	4,207	100	520								100
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	1	8	2	127	3	16	3	3.2	3.2	.00	3.1	.04	3.3	-.12	
		2	Some	23	17	56	15	758	18	68	13								
		3	Quite a bit	61	45	182	48	1,741	41	201	39								
		4	Very much	49	36	135	35	1,576	38	235	45								
		Total			135	100	381	100	4,202	100	520								100
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	4	3	9	2	145	3	15	3	3.2	3.2	-.06	3.2	-.04	3.3	-.15	
		2	Some	22	16	54	14	609	14	69	13								
		3	Quite a bit	52	39	152	40	1,557	37	169	33								
		4	Very much	57	42	165	43	1,892	45	265	51								
		Total			135	100	380	100	4,203	100	518								100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

First-Year Students^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k						
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC peers		Southeast Public		South Carolina	
													Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	15	11	51	13	473	11	51	10	2.8	2.8	.02	2.7	.07	2.8	.00
		2	Some	32	24	83	22	1,237	29	146	28							
		3	Quite a bit	49	37	141	37	1,363	32	173	33							
		4	Very much	37	28	106	28	1,126	27	150	29							
		Total		133	100	381	100	4,199	100	520	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	5	4	14	4	213	5	29	6	3.0	3.1	-.16	3.0	-.06	3.0	-.08
		2	Some	31	23	66	17	901	21	98	19							
		3	Quite a bit	62	46	167	44	1,670	40	218	42							
		4	Very much	37	27	133	35	1,421	34	177	34							
		Total		135	100	380	100	4,205	100	522	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	6	4	19	5	238	6	23	4	3.0	3.1	-.18	3.0	-.03	3.1	-.09
		2	Some	30	22	55	14	909	22	108	21							
		3	Quite a bit	59	44	163	43	1,609	38	203	39							
		4	Very much	40	30	144	38	1,447	34	187	36							
		Total		135	100	381	100	4,203	100	521	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	35	26	74	19	971	23	109	21	2.2	2.4	-.13	2.3	-.09	2.4	-.14
		2	Some	46	34	144	38	1,522	36	188	36							
		3	Quite a bit	40	30	112	29	1,052	25	140	27							
		4	Very much	14	10	50	13	652	16	84	16							
		Total		135	100	380	100	4,197	100	521	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	5	4	18	5	281	7	19	4	3.0	3.0	.01	2.9	.04	3.1	-.14
		2	Some	31	23	87	23	1,022	24	102	20							
		3	Quite a bit	61	46	167	44	1,593	38	215	41							
		4	Very much	37	28	109	29	1,304	31	185	36							
		Total		134	100	381	100	4,200	100	521	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	13	10	52	14	669	16	59	11	2.7	2.6	.10	2.5 **	.22	2.7	.03
		2	Some	39	29	123	32	1,505	36	157	30							
		3	Quite a bit	56	41	123	32	1,252	30	188	36							
		4	Very much	27	20	83	22	766	18	115	22							
		Total		135	100	381	100	4,192	100	519	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

First-Year Students^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	0	0	20	0	3	1	16.2	16.0	.02	14.9	.15	15.7	.06	
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	5	21	6	491	12	50	10								
	8	6-10 hrs	24	18	77	20	935	22	111	21									
	13	11-15 hrs	34	25	104	27	954	23	106	20									
	18	16-20 hrs	35	26	75	20	782	19	113	22									
	23	21-25 hrs	21	16	54	14	508	12	59	11									
	28	26-30 hrs	9	7	33	9	239	6	40	8									
	33	More than 30 hrs	5	4	17	4	271	6	36	7									
	Total			135	100	381	100	4,200	100	518	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	32	24	75	20	1,383	33	125	24	6.1	6.1	-.01	5.3	.11	7.0	-.12	
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	55	41	146	38	1,420	34	166	32								
	8	6-10 hrs	23	17	81	21	663	16	106	20									
	13	11-15 hrs	11	8	47	12	369	9	44	8									
	18	16-20 hrs	5	4	22	6	182	4	41	8									
	23	21-25 hrs	5	4	8	2	94	2	23	4									
	28	26-30 hrs	2	1	1	0	36	1	10	2									
	33	More than 30 hrs	2	1	1	0	49	1	5	1									
	Total			135	100	381	100	4,196	100	520	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	118	87	316	83	3,469	83	430	83	1.5	1.4	.02	2.1	-.10	1.8	-.06	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	1	19	5	133	3	30	6								
	8	6-10 hrs	5	4	28	7	212	5	23	4									
	13	11-15 hrs	6	4	12	3	185	4	21	4									
	18	16-20 hrs	2	1	3	1	125	3	9	2									
	23	21-25 hrs	2	1	1	0	42	1	3	1									
	28	26-30 hrs	0	0	0	0	14	0	1	0									
	33	More than 30 hrs	0	0	1	0	15	0	4	1									
	Total			135	100	380	100	4,195	100	521	100								

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

First-Year Students^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k						
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
				%	%	%	%	%	%	Effect size ⁿ	Effect size ⁿ							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	91	67	324	85	2,985	71	399	76	4.6	▲ 2.2 **	.35	4.9	-.04	3.0 *	.22
	(Recorded version of tmworkoff created by NSSE.	3	1-5 hrs	5	4	13	3	165	4	36	7							
	8	6-10 hrs	15	11	9	2	179	4	17	3								
	13	11-15 hrs	8	6	11	3	221	5	29	6								
	18	16-20 hrs	7	5	7	2	216	5	18	3								
	23	21-25 hrs	3	2	9	2	181	4	12	2								
	28	26-30 hrs	2	1	3	1	109	3	8	2								
	33	More than 30 hrs	4	3	5	1	148	4	4	1								
	Total		135	100	381	100	4,204	100	523	100								
Estimated number of hours working for pay	tmworkhrs										6.1	3.6 *	.29	7.0	-.08	4.8	.15	
(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	62	46	226	59	2,359	56	289	55	3.1	2.2 *	.20	2.5	.13	2.3 *	.20
	(Recorded version of tmservice created by NSSE.	3	1-5 hrs	53	39	116	30	1,320	31	184	35							
	8	6-10 hrs	9	7	18	5	237	6	23	4								
	13	11-15 hrs	5	4	14	4	142	3	15	3								
	18	16-20 hrs	4	3	3	1	82	2	8	2								
	23	21-25 hrs	1	1	1	0	35	1	2	0								
	28	26-30 hrs	0	0	0	0	5	0	0	0								
33	More than 30 hrs	1	1	3	1	17	0	2	0									
Total		135	100	381	100	4,197	100	523	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	1	3	1	81	2	5	1	12.6	13.8	-.14	12.8	-.02	12.6	.00
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	23	17	51	13	849	20	110	21							
	8	6-10 hrs	37	27	99	26	1,069	25	149	29								
	13	11-15 hrs	31	23	95	25	883	21	107	20								
	18	16-20 hrs	25	19	66	17	599	14	62	12								
	23	21-25 hrs	8	6	28	7	270	6	31	6								
	28	26-30 hrs	0	0	12	3	123	3	13	2								
33	More than 30 hrs	9	7	27	7	320	8	45	9									
Total		135	100	381	100	4,194	100	522	100									

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

First-Year Students^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	117	87	334	88	3,371	80	445	85	1.5	1.2	.08	2.0	-.07	1.4	.03	
		(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	4	20	5	370	9	39								7
			8	6-10 hrs	3	2	8	2	151	4	13								2
			13	11-15 hrs	4	3	11	3	120	3	11								2
			18	16-20 hrs	2	1	3	1	77	2	5								1
			23	21-25 hrs	2	1	0	0	34	1	2								0
			28	26-30 hrs	0	0	1	0	11	0	1								0
			33	More than 30 hrs	1	1	3	1	55	1	6								1
				Total	135	100	380	100	4,189	100	522								100
	h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	69	51	196	51	1,613	38	292								56
		(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	36	27	136	36	1,556	37	163	31							
			8	6-10 hrs	20	15	22	6	557	13	33	6							
			13	11-15 hrs	3	2	12	3	211	5	15	3							
			18	16-20 hrs	2	1	8	2	119	3	5	1							
			23	21-25 hrs	3	2	3	1	45	1	2	0							
			28	26-30 hrs	0	0	0	0	20	0	2	0							
			33	More than 30 hrs	2	1	4	1	77	2	9	2							
			Total	135	100	381	100	4,198	100	521	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
	reading	1	Very little	17	13	55	14	871	21	83	16	2.5	2.5	-.02	2.4	.12	2.5	-.02	
		2	Some	61	45	148	39	1,692	40	195	37								
		3	About half	36	27	116	31	1,020	24	163	31								
		4	Most	16	12	50	13	470	11	60	11								
		5	Almost all	5	4	11	3	145	3	22	4								
			Total	135	100	380	100	4,198	100	523	100								
	tmreadinghrs											6.1	6.4	-.05	5.5	.11	6.4	-.04	
	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

First-Year Students^a in Sci & Math

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k					
				CofC		CofC peers		Southeast Public		South Carolina		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
	tmreadinghrscol	1	0 hrs	0	0	0	0	20	0	2	0						
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	71	53	196	52	2,514	60	272	53						
		3	More than 5, up to 10 hrs	39	29	117	31	1,082	26	147	28						
		4	More than 10, up to 15 hrs	21	16	42	11	288	7	54	10						
		5	More than 15, up to 20 hrs	2	1	15	4	156	4	19	4						
		6	More than 20, up to 25 hrs	2	1	5	1	86	2	17	3						
		7	More than 25 hrs	0	0	5	1	41	1	5	1						
		Total		135	100	380	100	4,187	100	516	100						

17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

a. Writing clearly and effectively	pgwrite	1	Very little	12	9	40	11	377	9	34	7	2.6	2.7	-.03	2.7	-.11	2.8 **	-.25
		2	Some	44	33	109	29	1,243	30	140	27							
		3	Quite a bit	61	45	172	45	1,700	41	217	42							
		4	Very much	18	13	58	15	866	21	129	25							
		Total		135	100	379	100	4,186	100	520	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	19	14	48	13	544	13	62	12	2.5	2.6	-.05	2.6	-.12	2.7 *	-.20
		2	Some	51	38	129	34	1,334	32	146	28							
		3	Quite a bit	43	32	150	39	1,476	35	201	39							
		4	Very much	22	16	54	14	835	20	111	21							
		Total		135	100	381	100	4,189	100	520	100							
c. Thinking critically and analytically	pgthink	1	Very little	3	2	11	3	149	4	18	3	3.0	3.1	-.07	3.1	-.07	3.1	-.14
		2	Some	31	23	67	18	797	19	83	16							
		3	Quite a bit	60	44	182	48	1,783	42	226	43							
		4	Very much	41	30	120	32	1,467	35	193	37							
		Total		135	100	380	100	4,196	100	520	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	8	6	25	7	317	8	44	8	2.8	2.9	-.06	2.9	-.05	2.8	-.04
		2	Some	45	33	97	25	1,111	26	130	25							
		3	Quite a bit	47	35	164	43	1,625	39	210	40							
		4	Very much	35	26	95	25	1,145	27	136	26							
		Total		135	100	381	100	4,198	100	520	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

First-Year Students^a in Sci & Math

Item wording or description				Frequency Distributions								Statistical Comparisons ^k						
				CofC		CofC peers		Southeast Public		South Carolina		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	19	14	54	14	651	15	66	13	2.4	2.6	-.18	2.5 *	-.15	2.6 *	-.19
		2	Some	55	41	126	33	1,433	34	190	37				▽	▽		
		3	Quite a bit	50	37	137	36	1,321	31	166	32							
		4	Very much	11	8	64	17	796	19	98	19							
		Total		135	100	381	100	4,201	100	520	100							
f. Working effectively with others	pgothers	1	Very little	10	7	27	7	334	8	31	6	2.7	2.8	-.09	2.8	-.10	2.9 *	-.24
		2	Some	41	30	106	28	1,173	28	119	23							
		3	Quite a bit	61	45	165	43	1,659	40	229	44							
		4	Very much	23	17	82	22	1,027	24	141	27				▽			
		Total		135	100	380	100	4,193	100	520	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	19	14	48	13	584	14	59	11	2.6	2.7	-.13	2.6	-.06	2.8 *	-.21
		2	Some	43	32	105	28	1,324	32	135	26							
		3	Quite a bit	50	37	145	38	1,422	34	198	38							
		4	Very much	22	16	82	22	867	21	129	25				▽			
		Total		134	100	380	100	4,197	100	521	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	19	14	53	14	501	12	60	12	2.7	2.7	.01	2.7	-.02	2.7	-.05
		2	Some	36	27	109	29	1,267	30	152	29							
		3	Quite a bit	49	36	127	33	1,429	34	170	33							
		4	Very much	31	23	91	24	998	24	134	26							
		Total		135	100	380	100	4,195	100	516	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	20	15	32	8	489	12	59	11	2.5	2.7	-.16	2.6	-.10	2.7	-.14
		2	Some	45	33	134	35	1,451	35	165	32							
		3	Quite a bit	48	36	137	36	1,391	33	188	36							
		4	Very much	22	16	76	20	871	21	110	21							
		Total		135	100	379	100	4,202	100	522	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	18	13	35	9	616	15	68	13	2.6	2.7	-.12	2.6	.03	2.6	-.02
		2	Some	43	32	131	34	1,421	34	172	33							
		3	Quite a bit	50	37	125	33	1,348	32	176	34							
		4	Very much	24	18	89	23	818	19	105	20							
		Total		135	100	380	100	4,203	100	521	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

First-Year Students^a in Sci & Math

Item wording or description				Frequency Distributions								Statistical Comparisons ^k						
				CofC		CofC peers		Southeast Public		South Carolina		CofC		CofC peers		South Carolina		
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																		
evalexp		1	Poor	2	1	8	2	114	3	10	2	3.2	3.3	-.12	3.2	.02	3.3	-.16
		2	Fair	16	12	36	9	576	14	57	11							
		3	Good	73	54	186	49	2,072	49	230	44							
		4	Excellent	43	32	149	39	1,458	35	226	43							
		Total		134	100	379	100	4,220	100	523	100							
19. If you could start over again, would you go to the same institution you are now attending?																		
sameinst		1	Definitely no	5	4	12	3	204	5	26	5	3.2	3.3	-.12	3.2	.02	3.3	-.11
		2	Probably no	13	10	43	11	523	12	40	8							
		3	Probably yes	66	49	143	38	1,745	41	211	40							
		4	Definitely yes	51	38	183	48	1,750	41	248	47							
		Total		135	100	381	100	4,222	100	525	100							
20. Do you intend to return to this institution next year?^f																		
returnexp		No		6	4	19	5	192	5	24	5	90%	90%	-.01	89%	.03	88%	.06
		Yes		120	90	340	90	3,745	89	461	88							
		Not sure		8	6	20	5	294	7	40	8							
		Total		134	100	379	100	4,231	100	525	100							
<i>(Means indicate the percentage who responded "Yes.")</i>																		

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

Item wording or description				Variable name ^l				Values ^m				Frequency Distributions				Statistical Comparisons ^k									
												CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with			
												Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
1. During the current school year, about how often have you done the following?																									
a. Asked questions or contributed to course discussions in other ways				askquest								3.2													
		1	Never	2	1	14	5	154	4	15	2														
		2	Sometimes	37	21	81	26	1,266	29	150	24														
		3	Often	54	31	94	31	1,371	32	182	30														
		4	Very often	81	47	117	38	1,523	35	266	43														
			Total	174	100	306	100	4,314	100	613	100														
b. Prepared two or more drafts of a paper or assignment before turning it in				drafts								2.3													
		1	Never	43	25	60	19	971	23	151	25														
		2	Sometimes	62	36	116	38	1,568	36	230	38														
		3	Often	42	24	81	26	1,062	25	144	24														
		4	Very often	27	16	52	17	708	16	87	14														
			Total	174	100	309	100	4,309	100	612	100														
c. Come to class without completing readings or assignments				unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>								2.9													
		1	Very often	10	6	20	6	254	6	36	6														
		2	Often	22	13	45	15	620	14	87	14														
		3	Sometimes	111	64	171	55	2,365	55	334	54														
		4	Never	30	17	74	24	1,087	25	158	26														
			Total	173	100	310	100	4,326	100	615	100														
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)				attendart								2.0													
		1	Never	55	32	116	38	1,949	45	197	32														
		2	Sometimes	76	44	138	45	1,700	39	268	44														
		3	Often	29	17	35	11	466	11	93	15														
		4	Very often	14	8	19	6	211	5	56	9														
			Total	174	100	308	100	4,326	100	614	100														
e. Asked another student to help you understand course material				CLaskhelp								2.7													
		1	Never	11	6	24	8	383	9	43	7														
		2	Sometimes	63	36	108	35	1,619	37	228	37														
		3	Often	63	36	113	37	1,396	32	191	31														
		4	Very often	37	21	64	21	921	21	151	25														
			Total	174	100	309	100	4,319	100	613	100														
f. Explained course material to one or more students				CLexplain								3.1													
		1	Never	1	1	7	2	116	3	17	3														
		2	Sometimes	39	23	75	24	1,120	26	165	27														
		3	Often	75	43	119	38	1,722	40	238	39														
		4	Very often	58	34	109	35	1,374	32	195	32														
			Total	173	100	310	100	4,332	100	615	100														

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC peers		Southeast Public		South Carolina		
													Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	12	7	31	10	509	12	76	12	2.9	2.7 *	.19	2.7 *	.17	2.7 *	.19	
		2	Sometimes	54	31	112	36	1,440	33	205	33								
		3	Often	54	31	87	28	1,240	29	177	29								
		4	Very often	54	31	77	25	1,136	26	156	25								
		Total		174	100	307	100	4,325	100	614	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	5	3	6	2	241	6	33	5	3.0	3.0	.02	2.9	.12	2.8	.17	
		2	Sometimes	46	26	87	28	1,273	29	186	30								
		3	Often	69	40	126	41	1,549	36	237	39								
		4	Very often	54	31	90	29	1,262	29	157	26								
		Total		174	100	309	100	4,325	100	613	100								
i. Given a course presentation	present	1	Never	11	6	20	6	465	11	34	6	2.9	2.8	.06	2.6 ***	.26	2.8	.11	
		2	Sometimes	53	30	93	30	1,615	37	220	36								
		3	Often	58	33	122	39	1,338	31	215	35								
		4	Very often	52	30	75	24	909	21	146	24								
		Total		174	100	310	100	4,327	100	615	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	4	2	10	3	161	4	24	4	3.1	3.0	.15	2.9 **	.21	2.9 ***	.29	
		2	Sometimes	35	20	77	25	1,214	28	191	31								
		3	Often	75	43	136	44	1,768	41	252	41								
		4	Very often	59	34	87	28	1,183	27	148	24								
		Total		173	100	310	100	4,326	100	615	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	10	6	33	11	549	13	71	12	2.9	2.6 ***	.33	2.5 ***	.37	2.6 ***	.32	
		2	Sometimes	53	30	129	42	1,717	40	230	37								
		3	Often	63	36	90	29	1,319	31	210	34								
		4	Very often	48	28	58	19	739	17	104	17								
		Total		174	100	310	100	4,324	100	615	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	17	10	56	18	1,034	24	122	20	2.6	2.3 ***	.33	2.2 ***	.41	2.4 **	.25	
		2	Sometimes	71	41	141	46	1,778	41	238	39								
		3	Often	48	28	72	23	1,005	23	154	25								
		4	Very often	38	22	40	13	502	12	97	16								
		Total		174	100	309	100	4,319	100	611	100								

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
													CofC peers	Southeast Public	South Carolina	CofC peers	Southeast Public	South Carolina	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	9	5	28	9	313	7	40	7	2.9	2.7 *	.23	2.7 **	.20	2.7 *	.19	
		2	Sometimes	40	23	95	31	1,441	33	204	33								
		3	Often	87	50	130	42	1,736	40	255	41								
		4	Very often	38	22	55	18	834	19	116	19								
		Total		174	100	308	100	4,324	100	615	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	6	3	22	7	183	4	26	4	2.9	2.9	.09	2.9	.06	2.9	.05	
		2	Sometimes	50	29	80	26	1,211	28	163	27								
		3	Often	67	39	128	41	1,819	42	273	44								
		4	Very often	51	29	80	26	1,098	25	152	25								
		Total		174	100	310	100	4,311	100	614	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	3	2	14	5	120	3	12	2	3.0	2.9	.11	2.9	.07	2.9	.03	
		2	Sometimes	53	30	81	26	1,246	29	185	30								
		3	Often	66	38	146	47	1,869	43	249	41								
		4	Very often	52	30	68	22	1,085	25	167	27								
		Total		174	100	309	100	4,320	100	613	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	2	1	4	1	45	1	9	1	3.2	3.1	.13	3.2	.10	3.2	.12	
		2	Sometimes	19	11	53	17	749	17	103	17								
		3	Often	88	51	145	47	1,955	45	286	47								
		4	Very often	65	37	106	34	1,563	36	216	35								
		Total		174	100	308	100	4,312	100	614	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	18	10	31	10	589	14	55	9	2.8	2.7	.03	2.6 *	.18	2.7	.01	
		2	Sometimes	55	32	114	37	1,625	38	212	34								
		3	Often	50	29	72	23	1,123	26	180	29								
		4	Very often	49	28	92	30	979	23	168	27								
		Total		172	100	309	100	4,316	100	615	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	45	26	75	24	1,421	33	173	28	2.4	2.4	.00	2.2 *	.16	2.3	.09	
		2	Sometimes	53	30	104	34	1,345	31	210	34								
		3	Often	42	24	70	23	812	19	114	19								
		4	Very often	34	20	60	19	735	17	115	19								
		Total		174	100	309	100	4,313	100	612	100								

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k						
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	CofC		CofC peers		Southeast Public		South Carolina		Mean	CofC peers		Southeast Public		South Carolina	
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	23	13	45	15	807	19	104	17	2.6	2.5	.13	2.4 **	.22	2.5	.14
		2	Sometimes	65	37	123	40	1,737	40	228	37							
		3	Often	46	26	89	29	1,079	25	179	29							
		4	Very often	40	23	50	16	687	16	103	17							
		Total		174	100	307	100	4,310	100	614	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	26	15	52	17	788	18	83	14	2.4	2.4	.04	2.3	.08	2.4	-.02
		2	Sometimes	77	44	135	44	1,858	43	263	43							
		3	Often	42	24	72	23	1,035	24	178	29							
		4	Very often	29	17	50	16	628	15	90	15							
		Total		174	100	309	100	4,309	100	614	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	7	4	10	3	189	4	30	5	2.9	3.0	-.09	3.0	-.04	3.0	-.03
		2	Some	49	28	74	24	1,067	25	141	23							
		3	Quite a bit	66	38	128	41	1,749	40	264	43							
		4	Very much	52	30	97	31	1,314	30	178	29							
		Total		174	100	309	100	4,319	100	613	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	5	3	5	2	116	3	15	2	3.1	3.1	.00	3.1	.00	3.1	.06
		2	Some	30	17	56	18	748	17	127	21							
		3	Quite a bit	76	44	142	46	1,908	44	267	43							
		4	Very much	62	36	106	34	1,543	36	205	33							
		Total		173	100	309	100	4,315	100	614	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	5	3	12	4	172	4	19	3	3.1	3.1	-.01	3.1	-.01	3.0	.01
		2	Some	41	24	60	20	872	20	128	21							
		3	Quite a bit	68	39	133	43	1,801	42	272	44							
		4	Very much	60	34	102	33	1,469	34	194	32							
		Total		174	100	307	100	4,314	100	613	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	12	7	28	9	391	9	46	8	2.9	2.7	.19	2.8	.14	2.8	.09
		2	Some	48	28	99	32	1,267	29	173	28							
		3	Quite a bit	59	34	114	37	1,613	37	243	40							
		4	Very much	53	31	68	22	1,038	24	148	24							
		Total		172	100	309	100	4,309	100	610	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k						
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	CofC		CofC peers		Southeast Public		South Carolina		Mean	CofC peers		Southeast Public		South Carolina	
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	8	5	20	6	249	6	30	5	3.0	2.8	.18	2.9	.11	2.9	.10
		2	Some	38	22	87	28	1,147	27	162	26							
		3	Quite a bit	76	44	125	41	1,745	40	257	42							
		4	Very much	52	30	76	25	1,172	27	164	27							
		Total		174	100	308	100	4,313	100	613	100							
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	2	1	4	1	98	2	10	2	3.1	3.1	-.08	3.1	-.06	3.1	-.06
		2	Some	35	20	57	18	759	18	115	19							
		3	Quite a bit	82	47	137	44	1,902	44	268	44							
		4	Very much	55	32	111	36	1,553	36	220	36							
		Total		174	100	309	100	4,312	100	613	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	7	4	5	2	155	4	19	3	3.0	3.1	-.12	3.1	-.10	3.1	-.13
		2	Some	33	19	57	19	835	19	109	18							
		3	Quite a bit	89	51	154	50	1,892	44	282	46							
		4	Very much	45	26	92	30	1,437	33	204	33							
		Total		174	100	308	100	4,319	100	614	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	2	1	2	1	117	3	16	3	3.2	3.3	-.07	3.2	.05	3.2	.01
		2	Some	29	17	43	14	738	17	102	17							
		3	Quite a bit	73	42	137	44	1,750	41	240	39							
		4	Very much	69	40	127	41	1,709	40	255	42							
		Total		173	100	309	100	4,314	100	613	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	20	11	29	9	516	12	62	10	2.7	2.8	-.13	2.7	.00	2.8	-.07
		2	Some	50	29	84	27	1,305	30	181	30							
		3	Quite a bit	67	39	109	35	1,458	34	210	34							
		4	Very much	37	21	86	28	1,028	24	160	26							
		Total		174	100	308	100	4,307	100	613	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	14	8	22	7	324	8	44	7	2.8	2.8	-.01	2.8	-.01	2.8	-.04
		2	Some	43	25	100	32	1,277	30	181	29							
		3	Quite a bit	83	48	106	34	1,659	39	231	38							
		4	Very much	34	20	80	26	1,048	24	158	26							
		Total		174	100	308	100	4,308	100	614	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

Item wording or description				Frequency Distributions								Statistical Comparisons ^k					
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
6. During the current school year, about how often have you done the following?																	
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with			
QRconclude				7 4		8 3		212 5		33 5		3.0		3.0 -0.05 2.9 .09 2.9 .13			
1 Never				44 25		80 26		1,159 27		178 29		3.0		3.0 -0.05 2.9 .09 2.9 .13			
2 Sometimes				66 38		113 37		1,690 39		231 38							
3 Often				57 33		107 35		1,241 29		170 28							
4 Very often				174 100		308 100		4,302 100		612 100							
Total																	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)				32 18		40 13		791 18		107 17		2.5		2.6 -.14 2.5 .03 2.5 .04			
QRproblem				58 33		106 35		1,493 35		227 37		2.5		2.6 -.14 2.5 .03 2.5 .04			
1 Never				50 29		84 28		1,236 29		168 27							
2 Sometimes				34 20		75 25		775 18		110 18							
3 Often				174 100		305 100		4,295 100		612 100							
4 Very often																	
Total																	
c. Evaluated what others have concluded from numerical information				12 7		28 9		553 13		69 11		2.7		2.7 -.02 2.6 * .15 2.6 .12			
QRevaluate				60 35		104 34		1,521 36		214 35		2.7		2.7 -.02 2.6 * .15 2.6 .12			
1 Never				66 38		97 32		1,432 33		213 35							
2 Sometimes				34 20		77 25		778 18		110 18							
3 Often				172 100		306 100		4,284 100		606 100							
4 Very often																	
Total																	
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																	
a. Up to 5 pages				11 6		25 8		486 11		41 7		7.1		6.8 .06 6.1 * .16 6.2 .15			
wrshortnum				39 23		71 23		1,045 24		129 21		7.1		6.8 .06 6.1 * .16 6.2 .15			
(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)				48 28		80 26		1,194 28		214 35							
1.5 1-2				37 21		65 21		756 18		116 19							
4 3-5				16 9		29 9		375 9		55 9							
8 6-10				6 3		20 7		178 4		28 5							
13 11-15				16 9		17 6		250 6		26 4							
18 16-20				173 100		307 100		4,284 100		609 100							
23 More than 20																	
Total																	
b. Between 6 and 10 pages				55 32		88 29		1,435 34		177 29		2.7		3.1 -.08 2.8 -.02 2.6 .03			
wrmednum				68 39		105 34		1,468 34		250 41		2.7		3.1 -.08 2.8 -.02 2.6 .03			
(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)				27 16		65 21		766 18		116 19							
1.5 1-2				17 10		32 10		375 9		41 7							
4 3-5				1 1		13 4		139 3		15 2							
8 6-10				4 2		3 1		46 1		9 1							
13 11-15				2 1		2 1		53 1		4 1							
18 16-20				174 100		308 100		4,282 100		612 100							
23 More than 20																	
Total																	

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
												Your seniors compared with							
				CofC		CofC peers		Southeast Public		South Carolina		CofC		CofC peers		Southeast Public		South Carolina	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
c. 11 pages or more	wrlongnum	0	None	108	63	156	50	2,486	58	346	56	1.1	1.4	-.11	1.5	-.12	1.5	-.10	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	46	27	114	37	1,231	29	199	32								
	4	3-5	11	6	25	8	301	7	37	6									
	8	6-10	4	2	6	2	127	3	11	2									
	13	11-15	2	1	5	2	76	2	9	1									
	18	16-20	0	0	1	0	24	1	7	1									
	23	More than 20	1	1	2	1	47	1	5	1									
Total				172	100	309	100	4,292	100	614	100								
Estimated number of assigned pages of student writing.	wpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									59.6	66.6	-.09	63.7	-.05	60.9	-.02	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	6	3	16	5	239	6	27	4	3.1	2.9 *	.22	3.1	.01	3.2	-.08	
		2	Sometimes	42	24	96	31	949	22	121	20								
		3	Often	55	32	96	31	1,289	30	184	30								
		4	Very often	71	41	98	32	1,816	42	277	45								
		Total		174	100	306	100	4,293	100	609	100								
b. People from an economic background other than your own	DDeconomic	1	Never	4	2	14	5	189	4	22	4	3.2	3.0	.14	3.1	.08	3.2	.01	
		2	Sometimes	36	21	65	21	907	21	119	19								
		3	Often	61	35	121	39	1,490	35	213	35								
		4	Very often	73	42	107	35	1,710	40	259	42								
		Total		174	100	307	100	4,296	100	613	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	5	3	20	6	250	6	30	5	3.1	3.0	.08	3.1	.02	3.0	.04	
		2	Sometimes	41	24	67	22	961	22	147	24								
		3	Often	62	36	111	36	1,359	32	197	32								
		4	Very often	65	38	110	36	1,727	40	237	39								
		Total		173	100	308	100	4,297	100	611	100								
d. People with political views other than your own	DDpolitical	1	Never	5	3	18	6	260	6	26	4	3.0	3.0	.02	3.0	.01	3.1	-.10	
		2	Sometimes	50	29	73	24	1,030	24	131	21								
		3	Often	54	31	106	35	1,388	32	205	33								
		4	Very often	64	37	110	36	1,620	38	250	41								
		Total		173	100	307	100	4,298	100	612	100								

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Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				CofC				CofC peers				Your seniors compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	CofC		CofC peers		Southeast Public		South Carolina		CofC		CofC peers		Southeast Public		South Carolina	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	2	1	11	4	146	3	18	3	3.2	3.1	.12	3.0	.12	3.1	.09	
		2	Sometimes	30	17	63	21	897	21	117	19								
		3	Often	81	47	130	42	1,858	43	275	45								
		4	Very often	60	35	103	34	1,398	33	200	33								
		Total		173	100	307	100	4,299	100	610	100								
b. Reviewed your notes after class	LSnotes	1	Never	7	4	26	8	277	6	32	5	2.9	2.9	.03	2.9	.00	2.9	-.02	
		2	Sometimes	58	34	91	30	1,236	29	185	30								
		3	Often	50	29	80	26	1,351	31	186	30								
		4	Very often	58	34	109	36	1,435	33	208	34								
		Total		173	100	306	100	4,299	100	611	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	6	3	21	7	284	7	37	6	2.9	2.9	.02	2.9	.02	2.9	.04	
		2	Sometimes	60	34	86	28	1,236	29	182	30								
		3	Often	55	32	113	37	1,502	35	227	37								
		4	Very often	53	30	88	29	1,272	30	167	27								
		Total		174	100	308	100	4,294	100	613	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	1	1	5	2	60	1	9	1	5.7	5.6	.12	5.6	.09	5.6	.09	
		2		2	1	4	1	76	2	8	1								
		3		9	5	8	3	179	4	24	4								
		4		13	8	25	8	404	9	54	9								
		5		40	23	105	34	1,170	27	177	29								
		6		53	31	78	25	1,102	26	162	27								
		7	Very much	54	31	82	27	1,296	30	176	29								
		Total		172	100	307	100	4,287	100	610	100								
11. Which of the following have you done or do you plan to do before you graduate?^o																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		8	5	28	9	431	10	44	7	67%	55% **	.25	47% ***	.39	57% *	.19	
		Do not plan to do		25	15	50	16	730	17	76	12								
		Plan to do		24	14	62	20	1,096	25	140	23								
		Done or in progress		115	67	168	55	2,042	47	351	57								
		Total		172	100	308	100	4,299	100	611	100								

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Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

			Frequency Distributions								Statistical Comparisons ^k							
			CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	8	5	15	5	393	9	49	8	48%	51%	-.06	42%	.12	51%	-.06
			Do not plan to do	76	44	125	41	1,754	41	217	36							
			Plan to do	6	3	10	3	334	8	32	5							
			Done or in progress	83	48	157	51	1,813	42	312	51							
			Total	173	100	307	100	4,294	100	610	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	12	7	25	8	536	12	65	11	33%	29%	.09	24% **	.20	23% **	.23
			Do not plan to do	92	53	179	58	2,332	54	351	58							
			Plan to do	12	7	15	5	394	9	55	9							
			Done or in progress	57	33	88	29	1,031	24	138	23							
			Total	173	100	307	100	4,293	100	609	100							
d. Participate in a study abroad program	abroad		Have not decided	11	6	17	6	494	12	55	9	29%	34%	-.09	15% ****	.33	23%	.14
			Do not plan to do	101	59	174	57	2,806	65	371	61							
			Plan to do	9	5	13	4	328	8	43	7							
			Done or in progress	50	29	103	34	664	15	142	23							
			Total	171	100	307	100	4,292	100	611	100							
e. Work with a faculty member on a research project	research		Have not decided	11	6	27	9	546	13	62	10	56%	47%	.18	44% **	.25	48%	.16
			Do not plan to do	51	29	102	33	1,272	30	194	32							
			Plan to do	14	8	34	11	596	14	61	10							
			Done or in progress	97	56	144	47	1,881	44	294	48							
			Total	173	100	307	100	4,295	100	611	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	10	6	9	3	364	8	36	6	57%	67% *	-.21	46% **	.22	50%	.14
			Do not plan to do	45	26	24	8	933	22	142	23							
			Plan to do	19	11	68	22	1,016	24	125	20							
			Done or in progress	99	57	207	67	1,977	46	308	50							
			Total	173	100	308	100	4,290	100	611	100							

12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	1	2	3	4	Total	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ			
None	70	40	145	47	2,141	1.7	.15	1.6 *	.17	1.6 *	.21			
Some	91	53	147	48	1,876							44		
Most	8	5	9	3	205							5	27	4
All	4	2	5	2	65							2	5	1
Total	173	100	306	100	4,287							100	612	100

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Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC peers		Southeast Public		South Carolina		
													Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	3	2	5	2	53	1	8	1	5.5	5.5	.00	5.6	-.07	5.5	-.04	
		2		2	1	6	2	67	2	10	2								
		3		7	4	16	5	187	4	38	6								
		4		18	10	31	10	482	11	63	10								
		5		53	31	82	27	1,109	26	158	26								
		6		50	29	91	30	1,138	26	152	25								
		7	Excellent	40	23	76	25	1,244	29	180	29								
		—	Not applicable	0	0	1	0	21	0	2	0								
			Total	173	100	308	100	4,301	100	611	100								
b. Academic advisors	QIadvisor	1	Poor	15	9	12	4	214	5	26	4	4.9	5.2	-.17	5.2	-.14	5.4 **	-.27	
		2		5	3	13	4	226	5	21	3								
		3		17	10	24	8	350	8	44	7								
		4		23	13	43	14	561	13	78	13								
		5		30	17	58	19	785	18	99	16								
		6		45	26	71	23	788	18	120	20								
		7	Excellent	36	21	86	28	1,345	31	221	36								
		—	Not applicable	1	1	0	0	28	1	2	0								
			Total	172	100	307	100	4,297	100	611	100								
c. Faculty	QIfaculty	1	Poor	3	2	2	1	69	2	7	1	5.4	5.7 *	-.25	5.5	-.03	5.6	-.11	
		2		4	2	2	1	100	2	10	2								
		3		11	6	9	3	220	5	34	6								
		4		15	9	31	10	524	12	71	12								
		5		52	30	66	22	1,033	24	136	22								
		6		45	26	110	36	1,190	28	167	27								
		7	Excellent	43	25	85	28	1,143	27	184	30								
		—	Not applicable	0	0	0	0	21	0	1	0								
			Total	173	100	305	100	4,300	100	610	100								

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Frequencies and Statistical Comparisons: Sci & Math

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Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k							
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC peers		Southeast Public		South Carolina		
													Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	4	2	13	4	207	5	27	4	4.9	4.9	.05	4.9	.02	4.9	.00	
		2		8	5	17	6	190	4	37	6								
		3		16	9	25	8	320	7	43	7								
		4		33	19	47	15	616	14	87	14								
		5		33	19	61	20	821	19	121	20								
		6		36	21	62	20	713	17	115	19								
		7	Excellent	29	17	49	16	774	18	119	20								
		—	Not applicable	14	8	34	11	665	15	61	10								
	Total	173	100	308	100	4,306	100	610	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	7	4	16	5	261	6	35	6	4.9	4.8	.05	4.8	.03	4.9	-.04	
		2		11	6	14	5	211	5	27	4								
		3		13	8	26	8	360	8	53	9								
		4		33	19	61	20	716	17	98	16								
		5		37	21	65	21	945	22	127	21								
		6		42	24	66	21	754	18	116	19								
		7	Excellent	27	16	43	14	799	19	133	22								
		—	Not applicable	3	2	17	6	254	6	20	3								
	Total	173	100	308	100	4,300	100	609	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	5	3	5	2	82	2	13	2	3.0	3.1	-.14	3.2 *	-.18	3.2 **	-.23	
		2	Some	34	20	52	17	721	17	93	15								
		3	Quite a bit	83	49	146	48	1,888	44	260	42								
		4	Very much	49	29	104	34	1,609	37	246	40								
			Total	171	100	307	100	4,300	100	612	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	3	2	14	5	220	5	28	5	3.0	2.9	.13	2.9	.06	3.0	-.05	
		2	Some	41	24	75	24	1,040	24	124	20								
		3	Quite a bit	82	48	149	49	1,798	42	256	42								
		4	Very much	46	27	69	22	1,238	29	204	33								
			Total	172	100	307	100	4,296	100	612	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	6	3	19	6	305	7	39	6	3.1	2.9 **	.26	2.9 ***	.23	3.0	.12	
		2	Some	23	13	70	23	1,007	23	122	20								
		3	Quite a bit	83	48	133	43	1,643	38	225	37								
		4	Very much	60	35	85	28	1,337	31	224	37								
			Total	172	100	307	100	4,292	100	610	100								

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				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC peers		Southeast Public		South Carolina	
													Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	22	13	65	21	784	18	103	17	2.7	2.4 **	.28	2.5	.14	2.5	.14
		2	Some	54	32	99	32	1,341	31	198	33							
		3	Quite a bit	54	32	98	32	1,299	30	190	31							
		4	Very much	41	24	44	14	864	20	118	19							
		Total		171	100	306	100	4,288	100	609	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	7	4	15	5	334	8	50	8	2.9	2.8	.15	2.9	.10	2.9	.03
		2	Some	45	26	87	28	1,115	26	139	23							
		3	Quite a bit	69	40	141	46	1,669	39	227	37							
		4	Very much	50	29	64	21	1,177	27	191	31							
		Total		171	100	307	100	4,295	100	607	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	11	6	30	10	445	10	67	11	2.9	2.7 *	.19	2.8	.12	2.8	.11
		2	Some	40	24	78	26	1,150	27	154	25							
		3	Quite a bit	74	44	140	46	1,577	37	224	37							
		4	Very much	45	26	56	18	1,116	26	165	27							
		Total		170	100	304	100	4,288	100	610	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	54	31	112	36	1,586	37	213	35	2.1	2.0	.13	2.0	.12	2.0	.10
		2	Some	63	37	109	35	1,518	35	224	37							
		3	Quite a bit	36	21	63	20	787	18	119	20							
		4	Very much	19	11	24	8	394	9	52	9							
		Total		172	100	308	100	4,285	100	608	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	15	9	24	8	519	12	58	10	2.8	2.8	.00	2.7	.06	2.9	-.11
		2	Some	52	30	97	32	1,272	30	150	25							
		3	Quite a bit	64	37	114	37	1,484	35	220	36							
		4	Very much	40	23	71	23	1,014	24	182	30							
		Total		171	100	306	100	4,289	100	610	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	23	13	55	18	942	22	113	19	2.6	2.3 **	.27	2.3 ***	.32	2.4 *	.20
		2	Some	59	34	123	40	1,686	39	230	38							
		3	Quite a bit	56	33	94	31	1,140	27	180	30							
		4	Very much	34	20	32	11	518	12	87	14							
		Total		172	100	304	100	4,286	100	610	100							

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				CofC		CofC peers		Southeast Public		South Carolina		CofC		<i>Your seniors compared with</i>					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														CofC	CofC peers		Southeast Public	South Carolina	CofC
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	1	0	19	0	6	1	18.1	17.1	.10	16.3 *	.19	16.7	.15	
	(studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	8	24	8	458	11	60								10
	8	6-10 hrs	30	18	55	18	842	20	109	18									
	13	11-15 hrs	34	20	69	23	863	20	120	20									
	18	16-20 hrs	25	15	59	19	805	19	121	20									
	23	21-25 hrs	24	14	34	11	510	12	81	13									
	28	26-30 hrs	18	11	24	8	320	7	47	8									
	33	More than 30 hrs	26	15	40	13	470	11	67	11									
	Total			171	100	306	100	4,287	100	611	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	43	25	95	31	1,606	38	157	26	6.6	6.2	.06	5.3 *	.19	6.3	.04	
	(organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	62	36	78	26	1,281	30	209								34
	8	6-10 hrs	29	17	71	23	646	15	124	20									
	13	11-15 hrs	13	8	28	9	353	8	61	10									
	18	16-20 hrs	13	8	13	4	186	4	25	4									
	23	21-25 hrs	6	3	9	3	102	2	11	2									
	28	26-30 hrs	3	2	4	1	41	1	8	1									
	33	More than 30 hrs	3	2	5	2	67	2	16	3									
	Total			172	100	303	100	4,282	100	611	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	103	60	162	53	2,697	63	357	59	4.8	5.6	-.10	4.9	-.02	4.8	.01	
	(Working for pay on campus)	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	8	27	9	222	5	57								9
	8	6-10 hrs	20	12	46	15	443	10	77	13									
	13	11-15 hrs	13	8	29	10	329	8	53	9									
	18	16-20 hrs	13	8	23	8	359	8	37	6									
	23	21-25 hrs	3	2	11	4	121	3	17	3									
	28	26-30 hrs	3	2	4	1	41	1	5	1									
	33	More than 30 hrs	2	1	3	1	69	2	7	1									
	Total			171	100	305	100	4,281	100	610	100								

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k						
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	CofC		CofC peers		Southeast Public		South Carolina		Mean	CofC peers Mean	Southeast Public		South Carolina		
				Count	%	Count	%	Count	%	Count	%			Effect size ⁿ	Effect size ⁿ	Mean	Effect size ⁿ	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	59	34	187	61	2,228	52	364	60	11.4	▲ 7.6 ***	.34	9.4 *	.17	▲ 7.2 ***	.39
	(Recorded version of tmworkoff created by NSSE.	3	1-5 hrs	13	8	8	3	212	5	31	5							
		8	6-10 hrs	18	10	16	5	253	6	37	6							
		13	11-15 hrs	21	12	16	5	267	6	41	7							
	Values are estimated number of hours per week.)	18	16-20 hrs	18	10	19	6	387	9	45	7							
		23	21-25 hrs	19	11	30	10	283	7	32	5							
		28	26-30 hrs	11	6	9	3	218	5	20	3							
		33	More than 30 hrs	13	8	20	7	442	10	41	7							
		Total			172	100	305	100	4,290	100	611	100						
Estimated number of hours working for pay	tmworkhrs											16.1	13.0 **	.25	14.3	.14	▲ 11.9 ***	.34
	(Continuous variable created by NSSE)																▲	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	67	39	153	50	2,082	49	291	48	4.4	3.1 *	.24	3.2 *	.22	▲ 2.8 **	.33
	(Recorded version of tmservice created by NSSE.	3	1-5 hrs	60	35	107	35	1,469	34	227	37							
		8	6-10 hrs	22	13	21	7	388	9	54	9							
	Values are estimated number of hours per week.)	13	11-15 hrs	10	6	13	4	165	4	21	3							
		18	16-20 hrs	6	4	3	1	84	2	12	2							
		23	21-25 hrs	2	1	4	1	45	1	2	0							
		28	26-30 hrs	3	2	1	0	12	0	0	0							
		33	More than 30 hrs	1	1	3	1	40	1	2	0							
		Total			171	100	305	100	4,285	100	609	100						
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	3	2	7	2	150	3	17	3	10.7	11.7	-.12	10.8	-.01	11.3	-.07
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	44	26	64	21	1,158	27	144	24							
		8	6-10 hrs	53	31	80	26	1,197	28	175	29							
		13	11-15 hrs	33	19	79	26	793	18	130	21							
		18	16-20 hrs	22	13	38	12	468	11	72	12							
		23	21-25 hrs	8	5	21	7	207	5	32	5							
		28	26-30 hrs	3	2	4	1	101	2	10	2							
		33	More than 30 hrs	6	3	13	4	216	5	32	5							
		Total			172	100	306	100	4,290	100	612	100						

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

				Frequency Distributions								Statistical Comparisons ^k						
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ		Effect size ⁿ		
				%	%	%	%	%	%	Mean	Mean			Mean	Mean			
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	138	80	244	80	3,079	72	467	76	2.4	3.0	-.08	4.0 **	-.18	2.9	-.07
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	8	24	8	429	10	63	10							
	8	6-10 hrs	6	3	5	2	196	5	25	4								
	13	11-15 hrs	3	2	5	2	134	3	13	2								
	18	16-20 hrs	5	3	3	1	86	2	8	1								
	23	21-25 hrs	2	1	5	2	50	1	5	1								
	28	26-30 hrs	2	1	5	2	27	1	3	0								
	33	More than 30 hrs	3	2	13	4	278	6	27	4								
	Total		172	100	304	100	4,279	100	611	100								
	h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	26	15	49	16	531	12	146							
(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	85	49	187	61	2,383	56	304	50							
8		6-10 hrs	30	17	43	14	798	19	98	16								
13		11-15 hrs	15	9	12	4	306	7	30	5								
18		16-20 hrs	5	3	5	2	112	3	15	2								
23		21-25 hrs	7	4	8	3	50	1	6	1								
28		26-30 hrs	1	1	0	0	24	1	4	1								
33		More than 30 hrs	3	2	2	1	89	2	8	1								
Total		172	100	306	100	4,293	100	611	100									
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	1	Very little	37	22	62	20	1,076	25	130	21	2.3	2.4	-.05	2.3	-.01	2.5	-.12	
	2	Some	74	43	120	39	1,540	36	221	36								
	3	About half	34	20	78	26	1,016	24	144	24								
	4	Most	20	12	33	11	504	12	84	14								
	5	Almost all	6	4	11	4	157	4	33	5								
	Total		171	100	304	100	4,293	100	612	100								
tmreadinghrs											6.9	6.3	.10	6.0	.15	6.5	.06	
(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k					
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
	tmreadinghrscol	1	0 hrs	0	0	1	0	19	0	6	1						
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	94	55	162	53	2,446	57	317	52						
		3	More than 5, up to 10 hrs	41	24	90	30	1,104	26	168	27						
		4	More than 10, up to 15 hrs	13	8	28	9	341	8	55	9						
		5	More than 15, up to 20 hrs	10	6	11	4	188	4	38	6						
		6	More than 20, up to 25 hrs	8	5	7	2	123	3	20	3						
		7	More than 25 hrs	4	2	5	2	56	1	7	1						
			Total	170	100	304	100	4,277	100	611	100						

17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

a. Writing clearly and effectively	pgwrite	1	Very little	7	4	21	7	350	8	34	6	3.0	2.9	.02	2.9	.10	3.0	-.02
		2	Some	46	27	73	24	1,100	26	140	23							
		3	Quite a bit	66	39	117	38	1,629	38	242	40							
		4	Very much	52	30	96	31	1,203	28	192	32							
			Total	171	100	307	100	4,282	100	608	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	7	4	27	9	411	10	40	7	2.9	2.8	.04	2.8	.07	2.9	-.07
		2	Some	57	33	75	25	1,154	27	150	25							
		3	Quite a bit	56	33	121	40	1,549	36	224	37							
		4	Very much	51	30	82	27	1,172	27	196	32							
			Total	171	100	305	100	4,286	100	610	100							
c. Thinking critically and analytically	pgthink	1	Very little	1	1	6	2	149	3	17	3	3.4	3.3	.03	3.3	.08	3.3	.03
		2	Some	17	10	34	11	519	12	70	11							
		3	Quite a bit	74	43	120	39	1,589	37	218	36							
		4	Very much	79	46	147	48	2,037	47	306	50							
			Total	171	100	307	100	4,294	100	611	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	3	2	10	3	173	4	20	3	3.2	3.2	.04	3.2	.05	3.2	.03
		2	Some	30	17	59	19	749	17	108	18							
		3	Quite a bit	67	39	104	34	1,566	36	222	36							
		4	Very much	72	42	134	44	1,810	42	260	43							
			Total	172	100	307	100	4,298	100	610	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

Item wording or description				Frequency Distributions								Statistical Comparisons ^k						
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	17	10	36	12	503	12	67	11	2.7	2.7	-.02	2.8	-.06	2.8	-.08
		2	Some	57	33	90	29	1,122	26	162	27							
		3	Quite a bit	53	31	96	31	1,432	33	204	33							
		4	Very much	45	26	85	28	1,233	29	178	29							
		Total		172	100	307	100	4,290	100	611	100							
f. Working effectively with others	pgothers	1	Very little	6	4	15	5	271	6	29	5	2.9	2.9	-.03	2.9	-.03	3.0	-.09
		2	Some	49	29	77	25	1,042	24	152	25							
		3	Quite a bit	70	41	126	41	1,654	38	222	36							
		4	Very much	46	27	88	29	1,332	31	206	34							
		Total		171	100	306	100	4,299	100	609	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	27	16	53	17	678	16	73	12	2.6	2.6	.06	2.6	.01	2.8	-.12
		2	Some	50	29	90	29	1,236	29	167	27							
		3	Quite a bit	50	29	95	31	1,353	31	201	33							
		4	Very much	44	26	69	22	1,029	24	170	28							
		Total		171	100	307	100	4,296	100	611	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	22	13	57	19	619	14	86	14	2.7	2.5	.16	2.7	.02	2.7	-.02
		2	Some	52	30	90	29	1,275	30	162	27							
		3	Quite a bit	56	33	102	33	1,347	31	202	33							
		4	Very much	42	24	58	19	1,058	25	158	26							
		Total		172	100	307	100	4,299	100	608	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	12	7	31	10	486	11	65	11	2.8	2.7	.09	2.8	.07	2.8	.05
		2	Some	53	31	96	31	1,217	28	177	29							
		3	Quite a bit	62	36	104	34	1,468	34	202	33							
		4	Very much	45	26	75	25	1,121	26	165	27							
		Total		172	100	306	100	4,292	100	609	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	24	14	45	15	781	18	96	16	2.6	2.5	.05	2.5	.09	2.6	.04
		2	Some	58	34	114	37	1,427	33	207	34							
		3	Quite a bit	53	31	81	26	1,203	28	176	29							
		4	Very much	37	22	66	22	880	21	130	21							
		Total		172	100	306	100	4,291	100	609	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Sci & Math

College of Charleston

Seniors^a in Sci & Math

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k						
				CofC		CofC peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	2	1	11	4	143	3	25	4	3.2	3.2	.05	3.2	.07	3.2	.03
		2	Fair	27	16	39	13	630	15	95	16							
		3	Good	74	43	142	46	1,910	44	230	38							
		4	Excellent	68	40	115	37	1,622	38	261	43							
		Total		171	100	307	100	4,305	100	611	100							
19. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	9	5	17	6	251	6	42	7	3.2	3.1	.04	3.1	.03	3.1	.04
		2	Probably no	27	16	40	13	600	14	88	14							
		3	Probably yes	61	35	134	43	1,725	40	228	37							
		4	Definitely yes	75	44	118	38	1,743	40	255	42							
		Total		172	100	309	100	4,319	100	613	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

Sci & Math

			First-Year Students ^a								Seniors ^a								
Item wording or description	Variable name	Response options	CofC		CofC peers		Southeast Public		South Carolina		CofC		CofC peers		Southeast Public		South Carolina		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
21a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	108	80	293	77	3,540	84	428	81	138	80	243	79	3,439	80	491	80	
		More than one	27	20	89	23	694	16	98	19	34	20	65	21	873	20	122	20	
		Total	135	100	382	100	4,234	100	526	100	172	100	308	100	4,312	100	613	100	
First major or expected first major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJfirstcol <i>(Recoded from MAJfirst.)</i>	Arts & Humanities	1	1	6	2	25	1	2	0	1	1	1	0	16	0	1	0	
		Biological Sci., Agriculture, & Natural Resources	88	65	198	52	2,478	58	335	63	99	57	155	50	2,266	52	378	61	
		Physical Sci., Mathematics, & Computer Science	28	21	154	40	1,462	34	165	31	52	30	122	39	1,605	37	176	29	
		Social Sciences	1	1	5	1	27	1	1	0	1	1	5	2	48	1	9	1	
		Business	2	1	2	1	16	0	3	1	1	1	4	1	32	1	7	1	
		Communications, Media, & Public Relations	0	0	0	0	1	0	0	0	0	0	0	0	5	0	0	0	
		Education	0	0	1	0	11	0	1	0	1	1	0	0	17	0	2	0	
		Engineering	0	0	1	0	54	1	1	0	0	0	0	0	82	2	4	1	
		Health Professions	2	1	0	0	24	1	2	0	1	1	2	1	35	1	1	0	
		Social Service Professions	0	0	1	0	11	0	0	0	0	0	0	0	16	0	0	0	
		All Other	12	9	15	4	150	4	20	4	18	10	21	7	216	5	37	6	
		Undecided, Undeclared	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
		Total	135	100	383	100	4,261	100	530	100	174	100	310	100	4,338	100	615	100	
Second major or expected second major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJsecondcol <i>(Recoded from MAJsecond.)</i>	Arts & Humanities	6	22	16	18	66	9	37	38	8	24	10	15	74	9	33	27	
		Biological Sci., Agriculture, & Natural Resources	6	22	16	18	159	23	12	12	5	15	21	32	199	23	20	17	
		Physical Sci., Mathematics, & Computer Science	5	19	28	31	216	31	21	21	13	38	13	20	297	34	34	28	
		Social Sciences	2	7	13	15	49	7	13	13	2	6	7	11	72	8	15	12	
		Business	2	7	5	6	35	5	3	3	0	0	3	5	34	4	2	2	
		Communications, Media, & Public Relations	0	0	0	0	3	0	0	0	0	0	0	0	7	1	0	0	
		Education	1	4	3	3	16	2	0	0	2	6	2	3	16	2	2	2	
		Engineering	0	0	2	2	42	6	3	3	0	0	0	0	31	4	1	1	
		Health Professions	1	4	2	2	40	6	3	3	1	3	2	3	41	5	8	7	
		Social Service Professions	0	0	0	0	14	2	1	1	0	0	0	0	11	1	1	1	
		All Other	3	11	3	3	30	4	3	3	3	9	6	9	71	8	2	2	
		Undecided, Undeclared	1	4	1	1	25	4	2	2	0	0	1	2	14	2	3	2	
		Total	27	100	89	100	695	100	98	100	34	100	65	100	867	100	121	100	
22. What is your class level?	class	Freshman/First-year	126	93	332	88	3,589	86	474	92	0	0	0	0	5	0	2	0	
		Sophomore	8	6	40	11	509	12	33	6	0	0	0	0	43	1	7	1	
		Junior	1	1	5	1	58	1	4	1	7	4	18	6	337	8	71	12	
		Senior	0	0	0	0	13	0	2	0	167	96	278	91	3,778	88	517	85	
		Unclassified	0	0	1	0	23	1	4	1	0	0	10	3	115	3	12	2	
		Total	135	100	378	100	4,192	100	517	100	174	100	306	100	4,278	100	609	100	

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

Sci & Math

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			CofC		CofC peers		Southeast Public		South Carolina		CofC		CofC peers		Southeast Public		South Carolina	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
23. Thinking about this current academic term, are you a full-time student?	fulltime	No	1	1	3	1	117	3	7	1	14	8	43	14	700	16	58	10
		Yes	134	99	372	99	4,060	97	511	99	159	92	263	86	3,556	84	545	90
		Total	135	100	375	100	4,177	100	518	100	173	100	306	100	4,256	100	603	100
24a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	1	0	21	1	2	0	5	3	5	2	86	2	18	3
		1	0	0	1	0	18	0	1	0	1	1	6	2	101	2	9	1
		2	0	0	1	0	37	1	4	1	5	3	14	5	222	5	18	3
		3	1	1	6	2	89	2	9	2	4	2	24	8	367	9	38	6
		4	19	14	96	25	814	19	115	22	57	33	90	30	1,131	26	182	30
		5	54	40	187	50	1,706	41	201	39	50	29	102	33	1,286	30	198	33
		6	28	21	52	14	865	21	89	17	29	17	37	12	596	14	90	15
		7 or more	32	24	33	9	642	15	97	19	23	13	27	9	490	11	55	9
		Total	134	100	377	100	4,192	100	518	100	174	100	305	100	4,279	100	608	100
b. Of these, how many are entirely online ?	onlinenum	0	110	82	335	90	3,267	78	431	84	126	72	240	79	3,012	71	491	81
		1	21	16	27	7	639	15	56	11	31	18	49	16	818	19	85	14
		2	2	1	8	2	155	4	18	3	12	7	13	4	276	6	22	4
		3	0	0	0	0	51	1	8	2	2	1	1	0	83	2	3	0
		4	1	1	2	1	30	1	2	0	2	1	0	0	31	1	3	0
		5	0	0	0	0	10	0	0	0	0	0	1	0	14	0	1	0
		6	0	0	1	0	8	0	1	0	1	1	0	0	17	0	1	0
		7 or more	0	0	1	0	4	0	0	0	0	0	0	0	7	0	0	0
		Total	134	100	374	100	4,164	100	516	100	174	100	304	100	4,258	100	606	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum.)	onlinecscol	No courses taken online	110	82	335	90	3,267	78	431	84	126	72	240	79	3,012	71	491	81
		Some courses taken online	23	17	35	9	842	20	83	16	46	26	62	20	1,131	27	109	18
		All courses taken online	1	1	4	1	55	1	2	0	2	1	2	1	114	3	6	1
		Total	134	100	374	100	4,164	100	516	100	174	100	304	100	4,257	100	606	100
25. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	5	1	80	2	8	2	1	1	1	0	28	1	4	1
		C	1	1	13	3	126	3	13	3	5	3	12	4	125	3	17	3
		C+	5	4	8	2	200	5	26	5	13	8	18	6	223	5	39	6
		B-	14	11	17	4	281	7	41	8	10	6	17	6	305	7	40	7
		B	18	14	63	17	639	15	74	14	23	13	57	19	752	18	105	17
		B+	26	20	68	18	679	16	89	17	30	17	60	20	705	17	110	18
		A-	31	23	82	22	761	18	104	20	37	21	51	17	646	15	82	14
		A	38	29	122	32	1,414	34	161	31	54	31	89	29	1,487	35	210	35
Total	133	100	378	100	4,180	100	516	100	173	100	305	100	4,271	100	607	100		
26. Did you begin college at this institution or elsewhere?	begincol	Started here	126	95	337	89	3,814	91	482	93	126	73	190	63	2,598	61	427	71
		Started elsewhere	7	5	40	11	361	9	34	7	47	27	114	38	1,663	39	178	29
		Total	133	100	377	100	4,175	100	516	100	173	100	304	100	4,261	100	605	100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

Sci & Math

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	CofC		CofC peers		Southeast Public		South Carolina		CofC		CofC peers		Southeast Public		South Carolina	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
27. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school	7	5	2	1	107	3	34	7	20	11	6	2	268	6	104	17
	attend_com	Community or junior college	5	4	36	10	327	8	16	3	30	17	107	35	1,423	33	130	22
	attend_col	4-year college or university other than this one	9	7	31	8	378	9	37	7	40	23	82	27	1,147	27	129	21
	attend_none	None	111	83	293	78	3,273	79	416	81	100	57	149	49	1,927	45	309	51
	attend_other	Other	4	3	15	4	132	3	15	3	4	2	10	3	147	3	15	2
28. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	6	5	17	5	237	6	22	4	6	3	12	4	237	6	34	6
		Bachelor's degree (B.A., B.S., etc.)	36	27	100	27	947	23	106	21	42	24	78	26	1,003	24	120	20
		Master's degree (M.A., M.S., etc.)	33	25	121	32	1,000	24	129	25	49	28	105	34	1,211	28	164	27
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	58	44	139	37	1,980	48	257	50	76	44	110	36	1,809	42	287	47
		Total	133	100	377	100	4,164	100	514	100	173	100	305	100	4,260	100	605	100
29. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	5	4	11	3	163	4	9	2	3	2	8	3	139	3	12	2
		High school diploma or G.E.D.	11	8	36	10	628	15	71	14	19	11	36	12	698	16	72	12
		Attended college, but did not complete degree	9	7	27	7	478	12	43	8	9	5	25	8	428	10	67	11
		Associate's degree (A.A., A.S., etc.)	15	11	24	6	384	9	60	12	18	10	29	10	393	9	57	9
		Bachelor's degree (B.A., B.S., etc.)	30	22	128	34	1,251	30	157	30	70	40	93	31	1,244	29	186	31
		Master's degree (M.A., M.S., etc.)	36	27	112	30	888	21	125	24	40	23	77	25	889	21	138	23
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	28	21	36	10	362	9	50	10	14	8	36	12	458	11	73	12
		Total	134	100	374	100	4,154	100	515	100	173	100	304	100	4,249	100	605	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	94	70	276	74	2,501	60	332	64	124	72	206	68	2,591	61	397	66
		First-generation	40	30	98	26	1,653	40	183	36	49	28	98	32	1,658	39	208	34
		Total	134	100	374	100	4,154	100	515	100	173	100	304	100	4,249	100	605	100
30. What is your gender identity?	genderid	Man	31	23	148	39	1,537	37	157	31	67	39	119	39	1,773	42	224	37
		Woman	101	75	219	58	2,529	61	349	68	102	59	176	58	2,355	55	369	61
		Another gender identity	1	1	4	1	49	1	4	1	3	2	6	2	55	1	4	1
		I prefer not to respond	1	1	5	1	56	1	4	1	1	1	4	1	75	2	8	1
		Total	134	100	376	100	4,171	100	514	100	173	100	305	100	4,258	100	605	100
31. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	133	99	347	93	3,806	92	483	95	0	0	1	0	66	2	14	2
		20-23	1	1	26	7	259	6	22	4	151	87	247	81	3,021	71	500	83
		24-29	0	0	2	1	53	1	1	0	13	7	31	10	668	16	49	8
		30-39	0	0	0	0	17	0	2	0	9	5	18	6	345	8	28	5
		40-55	0	0	0	0	11	0	1	0	1	1	6	2	112	3	7	1
		Over 55	0	0	0	0	3	0	0	0	0	0	1	0	18	0	2	0
		Total	134	100	375	100	4,149	100	509	100	174	100	304	100	4,230	100	600	100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

Sci & Math

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			CofC		CofC peers		Southeast Public		South Carolina		CofC		CofC peers		Southeast Public		South Carolina	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32a. Are you an international student? [If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	internat	No	132	99	372	99	3,994	96	497	97	172	99	301	99	4,089	96	584	97
		Yes	2	1	3	1	166	4	18	3	1	1	3	1	156	4	18	3
		Total	134	100	375	100	4,160	100	515	100	173	100	304	100	4,245	100	602	100
	countrycol (Recoded from country.)	Africa Sub-Saharan	0	0	0	0	21	14	0	0	0	0	0	0	16	12	1	7
		Asia	0	0	2	67	72	49	5	36	0	0	1	50	72	53	3	20
		Canada	0	0	0	0	3	2	0	0	0	0	0	0	5	4	1	7
		Europe	2	100	1	33	16	11	6	43	0	0	0	0	9	7	5	33
		Latin America and Caribbean	0	0	0	0	22	15	3	21	0	0	1	50	22	16	5	33
		Middle East and North Africa	0	0	0	0	12	8	0	0	0	0	0	0	11	8	0	0
		Oceania	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Unknown region/uncoded		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	2	100	3	100	147	100	14	100	0	0	2	100	135	100	15	100		
33. How would you describe yourself? (Select all that apply.) Racial or ethnic identification	re_amind re_asian re_black re_latino re_mena re_pacific re_white re_another re_other re_pnr (Items re_amind to re_pnr recoded where each student is represented only once)	American Indian or Alaska Native	2	2	5	1	101	2	12	2	4	2	4	1	75	2	12	2
		Asian	9	7	30	8	380	9	33	6	9	5	18	6	349	8	34	6
		Black or African American	20	15	23	6	827	20	96	19	18	10	15	5	553	13	89	15
		Hispanic or Latina/o	12	9	29	8	327	8	32	6	14	8	16	5	349	8	29	5
		Middle Eastern or N. African (2019)	3	2	3	2	45	2	0	0	0	0	1	1	44	2	1	0
		Native Hawaiian/Other Pac. Islander	1	1	3	1	28	1	3	1	0	0	3	1	31	1	3	0
		White	99	75	306	82	2,747	66	372	72	135	78	255	84	2,950	70	438	73
		Another race or ethnicity (2019)	0	0	3	2	27	1	0	0	3	2	2	1	45	2	5	2
		Other (2018)	0	0	8	4	52	3	9	3	0	0	2	1	43	2	8	2
		I prefer not to respond	3	2	13	3	100	2	14	3	5	3	10	3	145	3	19	3
		American Indian or Alaska Native	0	0	1	0	14	0	0	0	1	1	0	0	17	0	7	1
		Asian	5	4	12	3	280	7	20	4	6	3	12	4	275	6	25	4
		Black or African American	14	11	16	4	675	16	77	15	14	8	11	4	476	11	78	13
		Hispanic or Latina/o	5	4	14	4	171	4	16	3	10	6	11	4	210	5	19	3
		Middle Eastern or N. African (2019)	3	2	2	1	22	1	0	0	0	0	1	0	27	1	0	0
Native Hawaiian/Other Pac. Islander	0	0	0	0	3	0	0	0	0	0	0	0	12	0	3	0		
White	86	65	269	72	2,424	58	332	65	126	72	236	78	2,705	64	409	68		
Another race or ethnicity (2019)	0	0	1	0	13	0	0	0	0	0	0	0	27	1	1	0		
Other (2018)	0	0	5	1	28	1	4	1	0	0	1	0	30	1	5	1		
Multiracial	16	12	42	11	415	10	51	10	12	7	21	7	309	7	35	6		
I prefer not to respond	3	2	13	3	100	2	14	3	5	3	10	3	145	3	19	3		
Total	132	100	375	100	4,145	100	514	100	174	100	303	100	4,233	100	601	100		
34. Are you a member of a social fraternity or sorority?	greek	No	117	88	330	88	3,731	90	436	85	152	87	263	87	3,670	86	500	83
		Yes	16	12	45	12	425	10	77	15	22	13	39	13	579	14	105	17
		Total	133	100	375	100	4,156	100	513	100	174	100	302	100	4,249	100	605	100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

Sci & Math

			First-Year Students ^a								Seniors ^a							
Item wording or description	Variable name	Response options	CofC		CofC peers		Southeast Public		South Carolina		CofC		CofC peers		Southeast Public		South Carolina	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
35. Which of the following best describes where you are living while attending college?	living18	Campus housing (other than a fraternity or sorority house)	109	82	330	89	2,797	68	423	82	29	17	77	26	696	16	192	32
		Fraternity or sorority house	0	0	2	1	15	0	0	0	1	1	1	0	51	1	4	1
		House, apartment, or other residence within walking distance to campus	6	5	12	3	245	6	14	3	77	44	89	30	920	22	93	15
		House, apartment, or other residence farther than walk. dist. to campus	18	14	25	7	1,030	25	74	14	67	39	132	44	2,491	59	308	51
		Not applicable: No campus, entirely online program, etc.	0	0	0	0	30	1	1	0	0	0	0	0	64	2	2	0
		Not applicable: Homeless or in transition	0	0	2	1	18	0	1	0	0	0	0	0	12	0	4	1
	Total		133	100	371	100	4,135	100	513	100	174	100	299	100	4,234	100	603	100
36. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	128	97	355	95	3,939	95	445	87	169	97	287	95	4,105	97	561	93
		Yes	4	3	19	5	204	5	67	13	5	3	14	5	138	3	43	7
		Total	132	100	374	100	4,143	100	512	100	174	100	301	100	4,243	100	604	100
37. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	131	99	358	96	4,083	98	503	98	168	97	293	97	4,059	96	587	97
		Yes	1	1	14	4	66	2	10	2	6	3	10	3	179	4	17	3
		Total	132	100	372	100	4,149	100	513	100	174	100	303	100	4,238	100	604	100
38a. Have you been diagnosed with any disability or impairment?	disability	No	110	83	288	77	3,515	85	436	85	138	79	240	79	3,505	82	494	82
		Yes	18	14	65	17	485	12	62	12	27	16	47	16	584	14	85	14
		I prefer not to respond	4	3	20	5	152	4	15	3	9	5	15	5	162	4	25	4
		Total	132	100	373	100	4,152	100	513	100	174	100	302	100	4,251	100	604	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense dis_mobility dis_learning dis_mental dis_other	A sensory impairment (vision or hearing)	3	17	10	15	87	18	10	16	2	7	7	15	73	13	8	9
		A mobility impairment	1	6	2	3	23	5	2	3	0	0	2	4	60	10	3	4
		A learning disability (e.g., ADHD, dyslexia)	11	61	23	35	199	41	28	45	13	48	15	32	261	45	42	49
		A mental health disorder	9	50	33	51	234	48	26	42	16	59	27	57	254	44	31	36
		A disability or impairment not listed above	1	6	11	17	87	18	9	15	5	19	5	11	106	18	13	15
		Disability or impairment	disability_all (Items dis_sense to dis_other recoded where each student is represented only once.)	1	1	7	2	57	1	5	1	0	0	5	2	40	1	6
	A mobility impairment	1	1	0	0	7	0	2	0	0	0	1	0	24	1	1	0	
	A learning disability	6	5	13	3	116	3	20	4	7	4	9	3	170	4	33	5	
	A mental health disorder	5	4	24	6	141	3	16	3	10	6	21	7	152	4	24	4	
	A disability or impairment not listed	0	0	8	2	48	1	7	1	4	2	3	1	63	1	11	2	
	More than one disability or impairment	5	4	13	3	116	3	12	2	6	3	8	3	133	3	10	2	
	No disability or impairment	110	83	288	77	3,515	85	436	85	138	79	240	79	3,505	82	494	82	
	Prefer not to respond	4	3	20	5	152	4	15	3	9	5	15	5	162	4	25	4	
	Total		132	100	373	100	4,152	100	513	100	174	100	302	100	4,249	100	604	100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston





Sci & Math

			First-Year Students ^a								Seniors ^a							
			CofC		CofC peers		Southeast Public		South Carolina		CofC		CofC peers		Southeast Public		South Carolina	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
39. Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	103	78	297	79	3,413	82	430	84	143	83	238	79	3,498	82	506	84
		Bisexual	10	8	29	8	289	7	32	6	11	6	16	5	276	6	46	8
		Gay	4	3	7	2	82	2	12	2	9	5	8	3	91	2	9	1
		Lesbian	3	2	5	1	57	1	8	2	3	2	6	2	34	1	6	1
		Queer	2	2	5	1	24	1	2	0	2	1	2	1	24	1	4	1
		Questioning or unsure	2	2	5	1	54	1	6	1	1	1	4	1	60	1	7	1
		Another sexual orientation	5	4	7	2	73	2	8	2	1	1	9	3	78	2	10	2
		I prefer not to respond	3	2	19	5	156	4	15	3	3	2	18	6	190	4	16	3
Total			132	100	374	100	4,148	100	513	100	173	100	301	100	4,251	100	604	100
Institution-reported information (Variables provided by your institution in your NSSE population file.)																		
Institution-reported: Sex	IRsex19	Female	103	76	227	59	2,659	62	363	68	104	60	184	59	2,450	56	378	61
		Male	32	24	156	41	1,603	38	167	32	70	40	126	41	1,888	44	237	39
		Another	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total			135	100	383	100	4,262	100	530	100	174	100	310	100	4,338	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	1	1	1	0	13	0	0	0	1	1	1	0	16	0	4	1
		Asian	5	4	14	4	196	5	13	3	6	3	10	3	195	5	19	4
		Black or African American	15	11	17	4	660	17	73	15	14	8	11	4	464	12	72	13
		Hispanic or Latino	13	10	28	7	297	8	25	5	12	7	18	6	307	8	19	4
		Native Hawaiian/Other Pac. Islander	0	0	0	0	6	0	1	0	0	0	0	0	4	0	0	0
		White	89	66	287	75	2,354	60	320	68	133	76	246	79	2,589	66	383	71
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Foreign or nonresident	2	1	4	1	101	3	14	3	1	1	2	1	111	3	15	3
		Two or more races/ethnicities	10	7	25	7	186	5	23	5	6	3	14	5	130	3	19	4
Total			135	100	383	100	3,917	100	471	100	174	100	310	100	3,900	100	536	100
Institution-reported: Class level	IRclass	Freshman/First-Year	135	100	383	100	4,262	100	530	100	0	0	0	0	0	0	0	0
		Sophomore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Junior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Senior	0	0	0	0	0	0	0	0	174	100	310	100	4,338	100	615	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total			135	100	383	100	4,262	100	530	100	174	100	310	100	4,338	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	2	1	35	9	497	12	39	7	174	100	310	100	4,307	99	614	100
		First-time first-year	133	99	348	91	3,764	88	491	93	0	0	0	0	31	1	1	0
		Total			135	100	383	100	4,261	100	530	100	174	100	310	100	4,338	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	9	7	0	0	116	3	11	2	15	9	21	7	608	14	39	6
		Full-time	126	93	383	100	4,146	97	519	98	159	91	289	93	3,730	86	576	94
		Total			135	100	383	100	4,262	100	530	100	174	100	310	100	4,338	100

Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean $\pm 1.96 * SEM$.
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the t -tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance: $*p < .05$, $**p < .01$, $***p < .001$ (2-tailed).
- g. Cohen's d : The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. Percentage point differences (institution – comp. group) rounded to whole numbers. Values less than one may not display a bar and may be shown as +0 or -0.
 $*p < .05$, $**p < .01$, $***p < .001$ (z -test comparing participation rates).
- j. Cohen's h : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. Means calculated from ordered response options (e.g., Very Often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are the dichotomous high-impact practice items (11a to 11f) which are compared using a z -test.
- l. Items that make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- n. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h .
- o. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."

Key to symbols:

-  **Your students' average** was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
-  **Your students' average** was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
-  **Your students' average** was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
-  **Your students' average** was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context.

Reference: Rocconi, L.M., & Gonyea, R.M. (2018). Contextualizing effect sizes in the National Survey of Student Engagement: An empirical analysis. *Research & Practice in Assessment*, 13 (Summer/Fall), pp. 22-38.