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# College of Charleston

## NSSE 2016 Major Field Report, Part II

### Comparisons to Other Institutions

### Sci & Math

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*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 majors (first major given if two were reported) were identified from the survey. Your institution had the option to customize how these were grouped, using up to ten related-major groups. Institutions choosing not to customize their related-major groups 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.

### 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

Related-major groups with fewer than 20 respondents in a given class are not reported (columns are blank). Comparison groups must also contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement, 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, the Major Field Report results are unweighted.

### Report Sections

Engagement Indicators (pp. 3-7)	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 (p. 8)	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 (pp. 9-44)	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 (pp. 45-51)	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<sup>a</sup> 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 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Engagement Indicators: Sci & Math

### College of Charleston

#### First-year students<sup>a</sup> in Sci & Math

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
CofC (N = 102)	41.6	11.9	1.17	20	35	40	50	60				
CofC Peers	41.4	13.6	1.16	20	30	40	55	60	237	.2		.014
Southeast Public	39.7	13.6	.22	20	30	40	50	60	3,830	1.8		.135
South Carolina	40.6	13.8	.58	20	30	40	55	60	662	1.0		.073
<b>Reflective &amp; Integrative Learning</b>												
CofC (N = 102)	36.9	11.1	1.10	17	29	37	46	54				
CofC Peers	35.8	12.3	1.06	17	26	34	44	60	236	1.0		.088
Southeast Public	34.7	12.4	.20	14	26	34	43	57	3,913	2.2		.177
South Carolina	34.6	12.5	.52	17	26	34	43	57	676	2.2		.182
<b>Learning Strategies</b>												
CofC (N = 102)	41.6	13.0	1.29	27	33	40	53	60				
CofC Peers	40.5	11.9	1.01	20	33	40	47	60	238	1.1		.089
Southeast Public	40.0	14.1	.23	20	27	40	53	60	3,861	1.6		.115
South Carolina	40.1	13.7	.57	20	33	40	53	60	669	1.5		.111
<b>Quantitative Reasoning</b>												
CofC (N = 103)	31.6	13.8	1.36	7	20	33	40	60				
CofC Peers	32.1	16.2	1.37	0	20	33	40	60	235	-.5		-.033
Southeast Public	30.5	16.0	.26	7	20	27	40	60	110	1.1		.068
South Carolina	31.7	16.1	.67	7	20	33	40	60	156	-.1		-.009
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
CofC (N = 103)	35.7	12.8	1.26	15	25	35	45	55				
CofC Peers	34.9	13.5	1.16	15	25	35	45	60	236	.8		.057
Southeast Public	34.6	14.2	.23	15	25	35	45	60	3,877	1.1		.076
South Carolina	35.7	13.6	.57	15	25	35	45	60	675	.0		-.002
<b>Discussions with Diverse Others</b>												
CofC (N = 103)	43.2	13.5	1.33	20	35	40	55	60				
CofC Peers	40.8	14.7	1.24	20	30	40	55	60	240	2.4		.167
Southeast Public	41.7	15.8	.26	15	30	40	60	60	110	1.5		.093
South Carolina	41.9	15.6	.65	15	30	40	60	60	155	1.3		.085

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Engagement Indicators: Sci & Math

### College of Charleston

#### First-year students<sup>a</sup> in Sci & Math

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
CofC (N = 103)	24.9	13.3	1.31	5	15	20	35	50				
CofC Peers	21.5	13.3	1.13	0	10	20	30	50	239	3.4		.255
Southeast Public	20.8	15.0	.24	0	10	20	30	50	3,875	4.1	**	.278
South Carolina	22.3	15.0	.63	0	10	20	30	50	672	2.6		.180
<b>Effective Teaching Practices</b>												
CofC (N = 104)	41.6	11.3	1.11	24	32	40	52	60				
CofC Peers	40.8	12.1	1.03	20	32	40	48	60	241	.7		.063
Southeast Public	39.8	13.0	.21	20	32	40	48	60	3,926	1.8		.139
South Carolina	40.7	12.9	.54	20	32	40	52	60	680	.9		.071
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
CofC (N = 104)	43.3	10.2	1.00	25	36	44	52	58				
CofC Peers	44.2	11.0	.95	24	40	46	52	60	238	-.9		-.084
Southeast Public	41.5	12.3	.20	18	34	43	50	60	3,791	1.7		.141
South Carolina	42.7	11.3	.47	22	36	44	50	60	676	.6		.053
<b>Supportive Environment</b>												
CofC (N = 104)	38.6	12.4	1.22	18	33	40	45	60				
CofC Peers	39.1	13.4	1.13	18	30	40	48	60	241	-.4		-.033
Southeast Public	38.3	13.6	.22	15	30	38	48	60	3,892	.4		.026
South Carolina	40.2	13.2	.55	18	33	40	50	60	679	-1.5		-.117

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Engagement Indicators: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
CofC (N = 100)	36.7	14.0	1.40	15	25	35	45	60				
CofC Peers	40.3	13.6	1.19	20	30	40	50	60	228	-3.7	*	-.265
Southeast Public	39.5	14.3	.23	15	30	40	50	60	4,000	-2.8	*	-.199
South Carolina	40.2	13.5	.53	15	30	40	50	60	741	-3.5	*	-.260
<b>Reflective &amp; Integrative Learning</b>												
CofC (N = 103)	36.9	12.4	1.22	17	29	37	46	57				
CofC Peers	37.0	12.1	1.05	17	29	37	46	60	234	-.1		-.007
Southeast Public	35.3	12.7	.20	14	26	34	43	60	4,077	1.6		.124
South Carolina	37.0	12.3	.48	17	29	37	46	60	754	-.1		-.010
<b>Learning Strategies</b>												
CofC (N = 103)	38.4	12.8	1.26	20	33	40	47	60				
CofC Peers	40.5	14.4	1.26	20	27	40	53	60	229	-2.0		-.147
Southeast Public	40.5	14.7	.23	13	33	40	53	60	109	-2.1		-.141
South Carolina	41.3	14.5	.57	13	33	40	53	60	147	-2.8	*	-.199
<b>Quantitative Reasoning</b>												
CofC (N = 102)	36.4	16.1	1.60	13	20	40	47	60				
CofC Peers	39.9	15.5	1.34	13	27	40	53	60	233	-3.5		-.225
Southeast Public	33.9	16.3	.26	7	20	33	47	60	4,067	2.5		.152
South Carolina	35.4	15.7	.62	7	27	33	47	60	751	1.0		.066
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
CofC (N = 101)	36.5	14.2	1.41	15	30	35	50	60				
CofC Peers	37.5	12.3	1.09	20	25	40	45	60	227	-1.0		-.077
Southeast Public	34.9	14.1	.23	10	25	35	45	60	4,024	1.6		.112
South Carolina	35.0	13.3	.52	15	25	35	45	60	745	1.5		.110
<b>Discussions with Diverse Others</b>												
CofC (N = 104)	40.1	15.3	1.50	15	30	40	50	60				
CofC Peers	40.0	15.0	1.32	20	30	40	50	60	231	.2		.012
Southeast Public	42.2	16.0	.26	15	30	40	60	60	4,036	-2.1		-.130
South Carolina	43.3	14.4	.57	20	35	45	60	60	750	-3.2	*	-.219

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Engagement Indicators: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
CofC (N = 99)	29.1	17.0	1.71	5	15	30	40	60				
CofC Peers	30.1	14.9	1.29	10	20	30	40	55	229	-.9		-.059
Southeast Public	25.9	16.5	.26	0	15	25	40	60	4,032	3.3		.197
South Carolina	27.8	15.7	.62	5	15	25	40	55	741	1.3		.081
<b>Effective Teaching Practices</b>												
CofC (N = 102)	40.6	12.7	1.26	20	32	40	52	60				
CofC Peers	42.8	12.3	1.07	20	36	44	52	60	233	-2.3		-.181
Southeast Public	40.0	13.7	.22	16	32	40	52	60	4,082	.6		.042
South Carolina	41.6	12.8	.50	20	32	40	52	60	754	-1.0		-.079
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
CofC (N = 101)	40.6	10.7	1.06	20	34	40	48	58				
CofC Peers	43.8	10.0	.87	24	38	45	50	60	232	-3.3	*	-.317
Southeast Public	41.5	11.7	.19	20	34	42	50	60	3,933	-1.0		-.082
South Carolina	42.4	11.1	.44	22	36	44	50	60	736	-1.8		-.162
<b>Supportive Environment</b>												
CofC (N = 104)	33.5	13.1	1.29	13	25	33	40	58				
CofC Peers	34.3	14.5	1.28	10	25	35	45	58	231	-.8		-.059
Southeast Public	33.4	14.2	.23	10	23	33	43	60	4,049	.1		.008
South Carolina	37.2	13.3	.52	15	28	38	45	60	749	-3.7	**	-.275

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

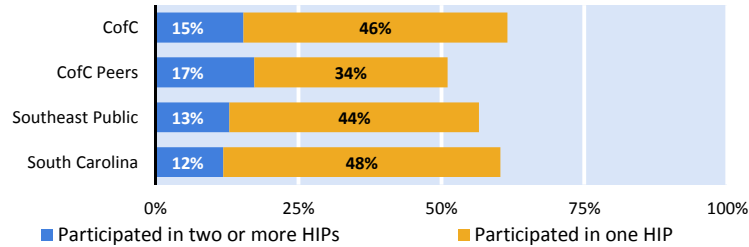
## High-Impact Practices: Sci & Math

### College of Charleston

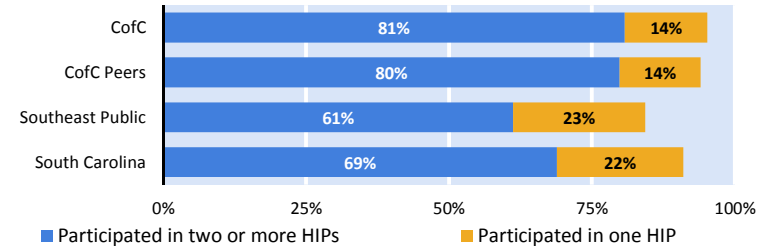
#### Overall HIP Participation<sup>a</sup>

The figures below display the percentage<sup>h</sup> of students who participated in High-Impact Practices. Both figures include participation in a learning community, service-learning, 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 of students who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.

*First-Year Students in Sci & Math*



*Seniors in Sci & Math*



#### Statistical Comparisons<sup>a</sup>

The table below compares the percentage<sup>h</sup> of your students who participated in a High-Impact Practice, including the percentage who participated overall (at least one, two or more), with those at institutions in your comparison groups.

	CofC		CofC Peers		Southeast Public		South Carolina		
<i>First-Year Students in Sci &amp; Math</i>	%		% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>	
11c. Learning community	27		24		15 **		15 **		.30
12. Service-learning	45		40		49		52		-.14
11e. Research with faculty	6		5		8		8		-.07
<b>Participated in at least one</b>	62		51		57		60		.03
<b>Participated in two or more</b>	15		17		13		12		.10
<i>Seniors in Sci &amp; Math</i>	%		% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>	
11c. Learning community	29		33		23		27		.06
12. Service-learning	56		54		50		50		.12
11e. Research with faculty	57		57		42 **		50		.14
11a. Internship or field exp.	70		57 *		45 ***		55 **		.31
11d. Study abroad	26		31		14 ***		24		.04
11f. Culminating senior exp.	49		70 ***		43		46		.04
<b>Participated in at least one</b>	95		94		84 **		91		.17
<b>Participated in two or more</b>	81		80		61 ***		69 *		.28



# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

Item wording or description				Variable name <sup>l</sup>				Values <sup>m</sup>				Frequency Distributions				Statistical Comparisons <sup>k</sup>											
												CofC		CofC Peers		Southeast Public		South Carolina		CofC		CofC Peers		Southeast Public		South Carolina	
												Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																											
a. Asked questions or contributed to course discussions in other ways				askquest				1	Never				0	0	3	2	159	4	21	4	<b>3.0</b>	2.8 *	.28	2.8 **	.23	2.9	.12
				2				Sometimes				28	27	51	37	1,375	36	190	33								
				3				Often				47	45	57	41	1,318	34	189	33								
				4				Very often				29	28	28	20	972	25	180	31								
				Total				104	100	139	100	3,824	100	580	100												
b. Prepared two or more drafts of a paper or assignment before turning it in				drafts				1	Never				14	14	20	14	725	19	119	21	<b>2.5</b>	2.5	-.01	2.5	.05	2.4	.14
				2				Sometimes				40	39	50	36	1,312	34	208	36								
				3				Often				29	28	43	31	1,030	27	157	27								
				4				Very often				19	19	25	18	736	19	92	16								
				Total				102	100	138	100	3,803	100	576	100												
c. Come to class without completing readings or assignments				unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>				1	Very often				3	3	9	6	212	6	30	5	<b>3.1</b>	3.0	.09	3.0	.11	3.0	.09
				2				Often				11	11	12	9	477	13	58	10								
				3				Sometimes				62	60	83	60	2,148	56	345	60								
				4				Never				28	27	35	25	971	25	142	25								
				Total				104	100	139	100	3,808	100	575	100												
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)				attendart				1	Never				41	39	26	19	1,446	38	164	28	<b>1.8</b>	2.3 ***	-.49	1.9	-.09	2.1 **	-.28
				2				Sometimes				42	40	68	49	1,503	39	245	43								
				3				Often				18	17	26	19	579	15	119	21								
				4				Very often				3	3	18	13	284	7	48	8								
				Total				104	100	138	100	3,812	100	576	100												
e. Asked another student to help you understand course material				CLaskhelp				1	Never				2	2	12	9	273	7	25	4	<b>2.8</b>	2.7	.08	2.7	.05	2.8	-.10
				2				Sometimes				44	42	44	32	1,420	37	189	33								
				3				Often				36	35	58	42	1,302	34	223	39								
				4				Very often				22	21	24	17	827	22	141	24								
				Total				104	100	138	100	3,822	100	578	100												
f. Explained course material to one or more students				CLexplain				1	Never				1	1	3	2	123	3	19	3	<b>2.9</b>	2.9	-.06	2.9	.04	2.9	.06
				2				Sometimes				31	30	37	27	1,203	32	184	32								
				3				Often				48	47	62	45	1,542	40	236	41								
				4				Very often				23	22	36	26	950	25	138	24								
				Total				103	100	138	100	3,818	100	577	100												

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>		
														Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	9	9	18	13	496	13	56	10	2.8	2.7	.07	2.7	.10	2.7	.04	
		2	Sometimes	35	34	42	30	1,257	33	186	32								
		3	Often	32	31	44	32	1,127	30	198	34								
		4	Very often	28	27	35	25	937	25	139	24								
		Total		104	100	139	100	3,817	100	579	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	7	7	4	3	260	7	33	6	2.8	2.7	.02	2.7	.06	2.7	.02	
		2	Sometimes	33	32	57	42	1,437	38	207	36								
		3	Often	43	41	48	35	1,320	35	223	39								
		4	Very often	21	20	28	20	802	21	116	20								
		Total		104	100	137	100	3,819	100	579	100								
i. Given a course presentation	present	1	Never	19	18	13	9	926	24	88	15	2.2	2.3	-.17	2.2	.04	2.4	-.19	
		2	Sometimes	51	49	76	55	1,690	44	260	45								
		3	Often	27	26	37	27	822	22	154	27								
		4	Very often	7	7	12	9	379	10	76	13								
		Total		104	100	138	100	3,817	100	578	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	12	12	4	3	278	7	48	8	2.6	2.7	-.11	2.6	.01	2.6	.07	
		2	Sometimes	30	29	53	38	1,531	40	233	40								
		3	Often	43	42	58	42	1,335	35	212	37								
		4	Very often	17	17	23	17	669	18	84	15								
		Total		102	100	138	100	3,813	100	577	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	10	10	11	8	410	11	49	8	2.7	2.6	.12	2.5 *	.21	2.5	.19	
		2	Sometimes	27	26	55	40	1,553	41	247	43								
		3	Often	48	47	47	35	1,296	34	198	34								
		4	Very often	17	17	23	17	548	14	83	14								
		Total		102	100	136	100	3,807	100	577	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	9	9	10	7	492	13	64	11	2.7	2.6	.06	2.5	.18	2.5	.15	
		2	Sometimes	31	30	56	41	1,513	40	236	41								
		3	Often	47	46	49	36	1,200	31	180	31								
		4	Very often	15	15	23	17	610	16	95	17								
		Total		102	100	138	100	3,815	100	575	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
													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	3	3	11	8	235	6	35	6	<b>2.8</b>	2.8	.10	2.7	.12	2.7	.15	
		2	Sometimes	29	28	45	33	1,284	34	187	33								
		3	Often	52	50	45	33	1,521	40	251	44								
		4	Very often	19	18	34	25	772	20	99	17								
		Total		103	100	135	100	3,812	100	572	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	5	5	1	1	146	4	17	3	<b>2.9</b>	2.9	.02	2.9	.07	2.9	.09	
		2	Sometimes	21	20	43	31	1,115	29	181	31								
		3	Often	52	50	58	42	1,572	41	236	41								
		4	Very often	25	24	35	26	973	26	141	25								
		Total		103	100	137	100	3,806	100	575	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	7	5	174	5	20	3	<b>3.0</b>	2.8 *	.27	2.8 *	.21	2.8	.17	
		2	Sometimes	28	27	49	36	1,233	32	195	34								
		3	Often	49	48	52	38	1,593	42	222	39								
		4	Very often	25	25	29	21	806	21	139	24								
		Total		102	100	137	100	3,806	100	576	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	1	2	1	55	1	6	1	<b>3.1</b>	3.1	-.05	3.1	.07	3.0	.10	
		2	Sometimes	15	15	22	16	848	22	146	26								
		3	Often	59	57	67	49	1,741	46	243	42								
		4	Very often	28	27	45	33	1,163	31	177	31								
		Total		103	100	136	100	3,807	100	572	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	8	8	22	16	826	22	99	17	<b>2.6</b>	2.4	.22	2.2 ***	.35	2.3 *	.26	
		2	Sometimes	50	48	62	45	1,719	45	263	46								
		3	Often	26	25	38	27	809	21	143	25								
		4	Very often	20	19	17	12	456	12	71	12								
		Total		104	100	139	100	3,810	100	576	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	51	49	65	47	1,942	51	267	46	<b>1.8</b>	1.8	.03	1.8	.01	1.8	-.07	
		2	Sometimes	29	28	49	35	1,109	29	180	31								
		3	Often	20	19	19	14	449	12	81	14								
		4	Very often	4	4	6	4	301	8	48	8								
		Total		104	100	139	100	3,801	100	576	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC Peers		Southeast Public		South Carolina	
													Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	22	21	40	29	1,249	33	176	31	2.3	2.0 *	.30	2.0 **	.29	2.1	.21
		2	Sometimes	41	40	68	49	1,611	42	231	40							
		3	Often	30	29	19	14	610	16	115	20							
		4	Very often	10	10	11	8	334	9	53	9							
		Total		103	100	138	100	3,804	100	575	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	10	10	28	20	952	25	125	22	2.4	2.2	.22	2.1 *	.23	2.2	.17
		2	Sometimes	56	54	71	51	1,728	45	266	46							
		3	Often	29	28	26	19	732	19	124	22							
		4	Very often	9	9	13	9	388	10	60	10							
		Total		104	100	138	100	3,800	100	575	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	4	4	1	1	104	3	11	2	3.0	3.1	-.22	3.1	-.12	3.0	-.09
		2	Some	20	20	28	20	784	21	138	24							
		3	Quite a bit	53	52	60	43	1,667	44	245	42							
		4	Very much	25	25	49	36	1,259	33	183	32							
		Total		102	100	138	100	3,814	100	577	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	1	1	2	1	96	3	11	2	3.2	3.3	-.11	3.1	.14	3.2	.08
		2	Some	16	16	18	13	725	19	106	18							
		3	Quite a bit	45	44	55	40	1,641	43	238	41							
		4	Very much	41	40	64	46	1,340	35	220	38							
		Total		103	100	139	100	3,802	100	575	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	3	3	0	0	122	3	19	3	3.1	3.2	-.11	3.0	.07	3.1	.01
		2	Some	22	21	29	21	881	23	120	21							
		3	Quite a bit	42	41	58	42	1,572	41	234	41							
		4	Very much	36	35	52	37	1,214	32	198	35							
		Total		103	100	139	100	3,789	100	571	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	3	8	6	186	5	20	3	3.0	2.9	.12	2.9	.09	2.9	.06
		2	Some	24	23	38	28	995	26	160	28							
		3	Quite a bit	47	46	53	38	1,584	42	225	39							
		4	Very much	29	28	39	28	1,036	27	168	29							
		Total		103	100	138	100	3,801	100	573	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC Peers		Southeast Public		South Carolina	
													Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	1	8	6	202	5	34	6	<b>3.0</b>	2.9	.12	2.9	.14	2.9	.12
		2	Some	25	25	39	28	1,010	27	146	25							
		3	Quite a bit	48	47	49	36	1,579	42	236	41							
		4	Very much	28	27	42	30	1,008	27	159	28							
		Total		102	100	138	100	3,799	100	575	100							
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	1	1	3	2	75	2	10	2	<b>3.2</b>	3.2	.05	3.1	.10	3.2	.08
		2	Some	14	13	22	16	657	17	88	15							
		3	Quite a bit	50	48	60	43	1,726	45	276	48							
		4	Very much	39	38	54	39	1,363	36	203	35							
		Total		104	100	139	100	3,821	100	577	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	3	3	2	135	4	14	2	<b>3.1</b>	3.1	-.04	3.1	.04	3.1	.00
		2	Some	21	20	21	15	705	18	105	18							
		3	Quite a bit	41	39	67	49	1,672	44	260	45							
		4	Very much	39	38	47	34	1,303	34	199	34							
		Total		104	100	138	100	3,815	100	578	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	1	2	1	116	3	12	2	<b>3.1</b>	3.2	-.07	3.1	.01	3.2	-.08
		2	Some	21	20	26	19	717	19	91	16							
		3	Quite a bit	44	43	54	39	1,538	40	246	43							
		4	Very much	37	36	56	41	1,437	38	229	40							
		Total		103	100	138	100	3,808	100	578	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	2	2	6	4	302	8	39	7	<b>3.1</b>	2.8 *	.30	2.8 **	.29	2.9 *	.24
		2	Some	22	22	43	31	1,113	29	169	29							
		3	Quite a bit	43	42	57	41	1,365	36	192	33							
		4	Very much	35	34	33	24	1,038	27	175	30							
		Total		102	100	139	100	3,818	100	575	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	4	4	4	3	330	9	35	6	<b>2.8</b>	2.8	-.01	2.8	.08	2.8	.02
		2	Some	31	30	48	35	1,162	31	176	30							
		3	Quite a bit	47	45	53	38	1,398	37	226	39							
		4	Very much	22	21	34	24	916	24	141	24							
		Total		104	100	139	100	3,806	100	578	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC				CofC Peers				CofC		Your first-year students compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	CofC		CofC Peers		Southeast Public		South Carolina		CofC Mean	CofC Peers		Southeast Public		South Carolina		
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	8	8	10	7	275	7	39	7	<b>2.9</b>	3.0	-.11	2.8	.07	2.8	.03	
		2	Sometimes	19	18	29	21	1,151	30	160	28								
		3	Often	56	54	57	41	1,460	38	232	40								
		4	Very often	21	20	43	31	935	24	146	25								
			Total	104	100	139	100	3,821	100	577	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	17	16	30	22	775	20	108	19	<b>2.4</b>	2.4	-.02	2.4	.02	2.4	-.04	
		2	Sometimes	42	40	47	34	1,462	38	214	37								
		3	Often	33	32	38	27	996	26	159	28								
		4	Very often	12	12	24	17	586	15	96	17								
			Total	104	100	139	100	3,819	100	577	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	12	12	24	17	627	16	81	14	<b>2.5</b>	2.5	.06	2.4	.10	2.5	.02	
		2	Sometimes	37	36	47	34	1,539	40	226	39								
		3	Often	44	43	49	35	1,095	29	180	31								
		4	Very often	10	10	19	14	549	14	92	16								
			Total	103	100	139	100	3,810	100	579	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum	0	None	3	3	3	2	270	7	24	4	<b>6.6</b>	8.1	-.25	5.9	.13	6.9	-.05	
		1.5	1-2	25	24	21	15	877	23	95	16								
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	34	33	43	31	1,217	32	186	32								
		8	6-10	20	19	28	20	866	23	167	29								
		13	11-15	14	13	23	17	291	8	56	10								
		18	16-20	3	3	12	9	125	3	23	4								
		23	More than 20	5	5	7	5	137	4	26	5								
			Total	104	100	137	100	3,783	100	577	100								
b. Between 6 and 10 pages	wrmednum	0	None	27	27	41	32	1,520	41	178	32	<b>2.3</b>	1.8	.17	1.9	.14	2.1	.07	
		1.5	1-2	45	45	55	43	1,340	37	246	44								
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	19	19	28	22	550	15	94	17								
		8	6-10	9	9	3	2	184	5	31	6								
		13	11-15	1	1	0	0	41	1	6	1								
		18	16-20	0	0	1	1	16	0	1	0								
		23	More than 20	0	0	0	0	15	0	3	1								
			Total	101	100	128	100	3,666	100	559	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
c. 11 pages or more	wrlongnum	0	None	71	70	92	75	2,850	79	412	76	<b>.6</b>	.5	.10	.7	-.05	.7	-.04	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	25	25	27	22	515	14	98	18								
		4	3-5	4	4	3	2	109	3	24	4								
		8	6-10	1	1	1	1	56	2	5	1								
		13	11-15	0	0	0	0	32	1	2	0								
		18	16-20	0	0	0	0	11	0	0	0								
		23	More than 20	0	0	0	0	14	0	3	1								
		Total			101	100	123	100	3,587	100	544	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.)									<b>46.9</b>	45.6	.03	42.3	.08	46.7	.00	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	3	3	6	4	160	4	20	3	<b>3.2</b>	3.0 *	.28	3.1	.10	3.1	.12	
		2	Sometimes	17	16	42	30	833	22	137	23								
		3	Often	37	36	39	28	1,127	29	178	31								
		4	Very often	47	45	52	37	1,705	45	248	43								
			Total	104	100	139	100	3,825	100	583	100								
b. People from an economic background other than your own	DDeconomic	1	Never	2	2	6	4	179	5	20	3	<b>3.1</b>	3.1	.04	3.1	.02	3.1	.00	
		2	Sometimes	17	16	28	20	842	22	136	23								
		3	Often	53	51	55	40	1,248	33	187	32								
		4	Very often	32	31	50	36	1,548	41	239	41								
			Total	104	100	139	100	3,817	100	582	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	4	4	7	5	227	6	40	7	<b>3.1</b>	3.1	.04	3.1	.05	3.0	.07	
		2	Sometimes	24	23	31	22	920	24	130	22								
		3	Often	32	31	46	33	1,081	28	174	30								
		4	Very often	43	42	55	40	1,593	42	236	41								
			Total	103	100	139	100	3,821	100	580	100								
d. People with political views other than your own	DDpolitical	1	Never	3	3	6	4	229	6	30	5	<b>3.2</b>	3.0	.20	3.1	.16	3.1	.11	
		2	Sometimes	16	16	34	24	869	23	126	22								
		3	Often	41	40	48	35	1,178	31	178	31								
		4	Very often	43	42	51	37	1,536	40	246	42								
			Total	103	100	139	100	3,812	100	580	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC Peers		Southeast Public		South Carolina	
													Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	LSreading	1	Never	2	2	0	0	74	2	7	1	<b>3.2</b>	3.2	.04	3.1	.10	3.1	.12
		2	Sometimes	13	13	26	19	770	20	116	20							
		3	Often	52	50	65	47	1,654	43	272	47							
		4	Very often	36	35	47	34	1,317	35	184	32							
		Total		103	100	138	100	3,815	100	579	100							
b. Reviewed your notes after class	LSnotes	1	Never	3	3	3	2	156	4	15	3	<b>3.1</b>	3.1	.02	3.0	.06	3.0	.08
		2	Sometimes	27	26	32	23	1,017	27	166	29							
		3	Often	32	31	58	42	1,231	32	192	33							
		4	Very often	41	40	46	33	1,405	37	202	35							
		Total		103	100	139	100	3,809	100	575	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	2	2	4	3	249	7	31	5	<b>3.0</b>	2.9	.14	2.9	.10	2.9	.07
		2	Sometimes	30	29	44	32	1,084	29	155	27							
		3	Often	41	39	59	42	1,331	35	219	38							
		4	Very often	31	30	32	23	1,124	30	168	29							
		Total		104	100	139	100	3,788	100	573	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																		
challenge		1	Not at all	1	1	0	0	16	0	1	0	<b>5.6</b>	5.6	-.07	5.6	-.02	5.7	-.14
		2		2	2	2	1	38	1	4	1							
		3		1	1	3	2	143	4	14	2							
		4		8	8	10	7	364	10	37	6							
		5		36	35	48	35	1,163	30	180	31							
		6		33	32	39	28	1,091	29	187	32							
		7	Very much	23	22	36	26	1,000	26	153	27							
		Total		104	100	138	100	3,815	100	576	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>o</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		9	9	4	3	398	10	45	8	<b>9%</b>	5%	.14	8%	.02	9%	.00
		Do not plan to do		1	1	3	2	129	3	15	3							
		Plan to do		85	82	125	90	2,976	78	470	81							
		Done or in progress		9	9	7	5	308	8	51	9							
		Total		104	100	139	100	3,811	100	581	100							



# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

			Frequency Distributions								Statistical Comparisons <sup>k</sup>							
			CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	24	23	30	22	959	25	140	24	<b>8%</b>	14%	-.22	12%	-.14	14%	-.22
			Do not plan to do	26	25	24	17	855	22	108	19							
			Plan to do	46	44	64	46	1,538	40	247	43							
			Done or in progress	8	8	20	14	456	12	83	14							
			Total	104	100	138	100	3,808	100	578	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	25	24	37	27	1,128	30	191	33	<b>27%</b>	24%	.07	15% **	.28	15% **	.30
			Do not plan to do	24	23	43	31	1,044	27	152	26							
			Plan to do	27	26	26	19	1,045	27	151	26							
			Done or in progress	28	27	33	24	585	15	87	15							
			Total	104	100	139	100	3,802	100	581	100							
d. Participate in a study abroad program	abroad		Have not decided	24	23	20	14	1,021	27	152	26	<b>3%</b>	5%	-.11	4%	-.04	3%	-.02
			Do not plan to do	17	16	19	14	959	25	119	20							
			Plan to do	60	58	93	67	1,688	44	292	50							
			Done or in progress	3	3	7	5	140	4	19	3							
			Total	104	100	139	100	3,808	100	582	100							
e. Work with a faculty member on a research project	research		Have not decided	25	24	25	18	1,184	31	176	30	<b>6%</b>	5%	.03	8%	-.07	8%	-.07
			Do not plan to do	14	14	11	8	516	14	68	12							
			Plan to do	58	56	96	69	1,809	48	290	50							
			Done or in progress	6	6	7	5	289	8	44	8							
			Total	103	100	139	100	3,798	100	578	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	30	29	36	26	1,145	30	160	28	<b>1%</b>	2%	-.10	3%	-.14	3%	-.15
			Do not plan to do	11	11	4	3	332	9	41	7							
			Plan to do	60	59	93	68	2,216	58	361	62							
			Done or in progress	1	1	3	2	105	3	17	3							
			Total	102	100	136	100	3,798	100	579	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
	servcourse		1 None	57	55	83	60	1,936	51	277	48	<b>1.5</b>	1.4	.06	1.6	-.13	1.6	-.18
			2 Some	44	42	51	37	1,627	43	264	46							
			3 Most	3	3	4	3	178	5	35	6							
			4 All	0	0	1	1	48	1	2	0							
			Total	104	100	139	100	3,789	100	578	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>								
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with						
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	CofC Peers		Southeast Public		South Carolina		
														Effect size <sup>n</sup>	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																				
a. Students	QIstudent	1	Poor	0	0	1	1	58	2	11	2	<b>5.5</b>	5.7	-.18	5.5	.00	5.5	-.02		
		2		4	4	0	0	72	2	12	2									
		3		4	4	6	4	183	5	28	5									
		4		12	12	12	9	468	12	62	11									
		5		28	27	33	24	945	25	136	23									
		6		30	29	49	35	1,053	28	174	30									
		7	Excellent	26	25	38	27	1,026	27	158	27									
		—	Not applicable	0	0	0	0	21	1	1	0									
		Total		104	100	139	100	3,826	100	582	100									
b. Academic advisors	QIadvisor	1	Poor	1	1	3	2	138	4	22	4	<b>5.7</b>	5.4	.18	5.2 ***	.32	5.1 ***	.35		
		2		2	2	8	6	222	6	27	5									
		3		8	8	13	9	305	8	50	9									
		4		8	8	8	6	509	13	92	16									
		5		18	17	27	20	729	19	112	19									
		6		25	24	30	22	779	20	112	19									
		7	Excellent	41	39	49	36	1,081	28	160	28									
		—	Not applicable	1	1	0	0	52	1	2	0									
		Total		104	100	138	100	3,815	100	577	100									
c. Faculty	QIfaculty	1	Poor	0	0	2	1	83	2	7	1	<b>5.6</b>	5.6	.03	5.2 **	.26	5.5	.11		
		2		1	1	4	3	130	3	9	2									
		3		4	4	5	4	219	6	26	4									
		4		12	12	9	6	568	15	90	15									
		5		22	22	36	26	947	25	135	23									
		6		39	38	46	33	1,015	27	159	27									
		7	Excellent	23	23	36	26	813	21	154	26									
		—	Not applicable	1	1	1	1	34	1	2	0									
		Total		102	100	139	100	3,809	100	582	100									

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
													CofC Peers	Southeast Public	South Carolina	CofC Peers	Southeast Public	South Carolina	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	5	5	4	3	165	4	16	3	4.9	5.2	-.17	5.0	-.04	5.2	-.17	
		2		3	3	7	5	172	5	16	3								
		3		9	9	10	7	296	8	34	6								
		4		18	17	13	9	544	14	106	18								
		5		22	21	32	23	719	19	120	21								
		6		30	29	35	25	828	22	134	23								
		7	Excellent	14	13	31	22	739	19	127	22								
		—	Not applicable	3	3	7	5	348	9	26	4								
	Total	104	100	139	100	3,811	100	579	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	3	3	5	4	201	5	15	3	4.8	5.2	-.23	4.9	-.01	5.0	-.13	
		2		5	5	3	2	239	6	27	5								
		3		13	13	10	7	287	8	42	7								
		4		16	15	15	11	574	15	96	17								
		5		22	21	30	22	794	21	135	23								
		6		22	21	34	25	745	19	121	21								
		7	Excellent	16	15	28	20	707	18	112	19								
		—	Not applicable	7	7	13	9	275	7	31	5								
	Total	104	100	138	100	3,822	100	579	100										
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	2	2	3	2	59	2	10	2	3.1	3.2	-.15	3.3 *	-.24	3.3 **	-.29	
		2	Some	16	15	20	14	532	14	77	13								
		3	Quite a bit	57	55	63	45	1,550	41	216	37								
		4	Very much	29	28	53	38	1,662	44	275	48								
			Total	104	100	139	100	3,803	100	578	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	1	2	1	116	3	13	2	3.3	3.3	.00	3.2	.10	3.3	-.02	
		2	Some	12	12	20	14	609	16	81	14								
		3	Quite a bit	49	47	56	40	1,510	40	210	36								
		4	Very much	42	40	61	44	1,546	41	273	47								
			Total	104	100	139	100	3,781	100	577	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	4	4	4	3	145	4	17	3	3.4	3.3	.05	3.3	.10	3.4	-.02	
		2	Some	6	6	16	12	516	14	68	12								
		3	Quite a bit	43	41	50	36	1,302	34	175	30								
		4	Very much	51	49	67	49	1,835	48	316	55								
			Total	104	100	137	100	3,798	100	576	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	10	10	12	9	423	11	55	10	<b>2.8</b>	2.8	.01	2.8	.08	2.8	.08
		2	Some	25	24	43	31	1,107	29	180	31							
		3	Quite a bit	40	38	40	29	1,198	32	187	32							
		4	Very much	29	28	44	32	1,071	28	155	27							
		Total		104	100	139	100	3,799	100	577	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	8	8	9	6	195	5	24	4	<b>3.0</b>	3.1	-.14	3.1	-.11	3.1	-.18
		2	Some	22	21	24	17	767	20	109	19							
		3	Quite a bit	40	38	51	37	1,443	38	219	38							
		4	Very much	34	33	55	40	1,390	37	226	39							
		Total		104	100	139	100	3,795	100	578	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	4	4	3	2	194	5	28	5	<b>3.0</b>	3.1	-.06	3.1	-.02	3.1	-.12
		2	Some	18	17	31	22	789	21	101	18							
		3	Quite a bit	50	49	54	39	1,387	37	204	35							
		4	Very much	31	30	50	36	1,422	38	243	42							
		Total		103	100	138	100	3,792	100	576	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	21	20	30	22	852	23	96	17	<b>2.4</b>	2.4	.01	2.4	.02	2.5	-.09
		2	Some	35	34	50	36	1,345	36	219	38							
		3	Quite a bit	33	32	34	25	945	25	152	26							
		4	Very much	14	14	24	17	644	17	110	19							
		Total		103	100	138	100	3,786	100	577	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	9	9	8	6	234	6	16	3	<b>2.9</b>	3.0	-.10	3.0	-.06	3.1 *	-.24
		2	Some	20	19	29	21	897	24	123	21							
		3	Quite a bit	45	43	55	40	1,361	36	211	37							
		4	Very much	30	29	47	34	1,292	34	227	39							
		Total		104	100	139	100	3,784	100	577	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	10	10	17	12	514	14	45	8	<b>2.7</b>	2.6	.03	2.6	.05	2.8	-.12
		2	Some	37	36	47	34	1,279	34	190	33							
		3	Quite a bit	36	35	45	33	1,164	31	200	35							
		4	Very much	21	20	29	21	822	22	142	25							
		Total		104	100	138	100	3,779	100	577	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>																				
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with																		
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>														
													CofC Peers	Southeast Public	South Carolina	CofC Peers	Southeast Public	South Carolina														
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																																
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs  <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 9 19 26 25 17 5 3	0 9 18 25 24 16 5 3	0 7 27 30 32 24 11 7	0 5 20 22 23 17 8 5	24 477 846 790 755 443 220 255	1 13 22 21 20 12 6 7	4 61 105 131 133 77 36 33	1 11 18 23 23 13 6 6	<b>15.4</b>	16.6	-.17	14.9	.05	15.5	-.02														
Total				104	100	138	100	3,810	100	580	100																					
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs  <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 43 14 8 2 3 1 1	0 42 14 8 2 2 3 1	29 53 39 7 8 6 1 0	21 38 28 5 6 1 1 0	1,317 1,259 616 304 179 58 22 35	35 33 16 8 5 2 1 1	128 209 129 62 36 9 2 2	0 36 11 6 6 2 0 0								<b>5.0</b>	5.6	-.11	5.0	.00	6.0	-.16							
Total				102	100	139	100	3,790	100	577	100																					
c. Working for pay on campus	tmworkonhrs  <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 2 5 2 1 1 0 0	0 2 5 2 1 1 0 0	122 5 5 3 2 2 0 0	88 4 4 2 1 1 0 0	3,209 108 171 151 96 38 7 15	85 3 5 4 3 1 0 0	483 22 38 23 11 2 0 0	83 4 7 4 2 0 0 0															<b>1.1</b>	1.3	-.05	1.8 *	-15	1.6	-.13
Total				104	100	139	100	3,795	100	580	100																					

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
														Mean		Mean		Mean
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	83	81	123	89	2,754	73	458	79	<b>3.5</b>	1.5 *	.30	4.4	-.10	2.8	.11
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	3	4	3	161	4	24	4							
	8	6-10 hrs	3	3	2	1	168	4	24	4								
	13	11-15 hrs	3	3	2	1	181	5	24	4								
	18	16-20 hrs	1	1	4	3	227	6	26	4								
	23	21-25 hrs	5	5	2	1	125	3	14	2								
	28	26-30 hrs	2	2	0	0	72	2	5	1								
	33	More than 30 hrs	3	3	1	1	104	3	3	1								
Total				103	100	138	100	3,792	100	578	100							
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									<b>4.6</b>	2.6	.25	6.1	-.15	4.4	.03
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	52	51	80	58	2,094	55	294	51	<b>2.6</b>	1.6 *	.36	2.5	.04	2.5	.02
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	32	31	48	35	1,213	32	216	38							
	8	6-10 hrs	13	13	9	7	258	7	24	4								
	13	11-15 hrs	4	4	0	0	107	3	22	4								
	18	16-20 hrs	1	1	0	0	63	2	10	2								
	23	21-25 hrs	0	0	0	0	19	1	2	0								
	28	26-30 hrs	0	0	0	0	10	0	0	0								
	33	More than 30 hrs	0	0	0	0	13	0	3	1								
Total				102	100	137	100	3,777	100	571	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	0	0	71	2	12	2	<b>12.9</b>	12.8	.00	12.7	.02	11.9	.12
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	17	27	20	779	21	126	22							
	8	6-10 hrs	29	28	33	24	1,018	27	164	28								
	13	11-15 hrs	28	27	37	27	779	21	114	20								
	18	16-20 hrs	13	13	19	14	477	13	80	14								
	23	21-25 hrs	8	8	9	7	249	7	36	6								
	28	26-30 hrs	1	1	3	2	125	3	13	2								
	33	More than 30 hrs	7	7	9	7	289	8	31	5								
Total				103	100	137	100	3,787	100	576	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

Item wording or description				Frequency Distributions								Statistical Comparisons <sup>k</sup>								
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>		
<b>g. Providing care for dependents (children, parents, etc.)</b>																				
tmcarehrs				0	0 hrs	95	91	126	91	3,018	80	485	84	<b>.5</b>	.6	-.02	2.0 ***	-.26	1.5 **	-.21
<i>(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>				3	1-5 hrs	6	6	10	7	366	10	42	7							
				8	6-10 hrs	1	1	0	0	141	4	16	3							
				13	11-15 hrs	1	1	0	0	96	3	15	3							
				18	16-20 hrs	1	1	0	0	68	2	11	2							
				23	21-25 hrs	0	0	0	0	36	1	3	1							
				28	26-30 hrs	0	0	2	1	10	0	1	0							
				33	More than 30 hrs	0	0	0	0	57	2	3	1							
Total						104	100	138	100	3,792	100	576	100							
<b>h. Commuting to campus (driving, walking, etc.)</b>																				
tmcommutehrs				0	0 hrs	44	42	80	58	1,339	35	273	48	<b>3.3</b>	2.2	.22	4.2	-.15	3.2	.02
<i>(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>				3	1-5 hrs	47	45	44	32	1,561	41	200	35							
				8	6-10 hrs	4	4	9	7	518	14	57	10							
				13	11-15 hrs	3	3	1	1	188	5	23	4							
				18	16-20 hrs	4	4	1	1	89	2	11	2							
				23	21-25 hrs	0	0	2	1	41	1	4	1							
				28	26-30 hrs	1	1	1	1	14	0	1	0							
				33	More than 30 hrs	1	1	0	0	50	1	5	1							
Total						104	100	138	100	3,800	100	574	100							
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																				
reading				1	Very little	17	17	16	12	691	18	85	15	<b>2.7</b>	2.7	-.02	2.5	.15	2.6	.03
<i>(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)</i>				2	Some	36	35	55	40	1,427	38	197	34							
				3	About half	23	22	34	24	977	26	168	29							
				4	Most	20	19	26	19	530	14	103	18							
				5	Almost all	7	7	8	6	168	4	23	4							
					Total	103	100	139	100	3,793	100	576	100							
tmreadinghrs														<b>6.7</b>	7.1	-.09	6.0	.12	6.6	.01
<i>(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)</i>																				

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC Peers		Southeast Public		South Carolina		
													Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
	tmreadinghrscol	1	0 hrs	0	0	0	0	21	1	4	1								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	52	50	63	46	2,175	58	284	49								
		3	More than 5, up to 10 hrs	30	29	44	32	930	25	180	31								
		4	More than 10, up to 15 hrs	10	10	16	12	345	9	56	10								
		5	More than 15, up to 20 hrs	8	8	10	7	153	4	25	4								
		6	More than 20, up to 25 hrs	3	3	4	3	112	3	19	3								
		7	More than 25 hrs	0	0	1	1	40	1	6	1								
		Total		103	100	138	100	3,776	100	574	100								
<b>17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																			
a. Writing clearly and effectively	pgwrite	1	Very little	10	10	9	6	369	10	48	8	<b>2.7</b>	2.6	.06	2.7	-.05	2.8	-.07	
		2	Some	27	26	56	40	1,111	29	177	30								
		3	Quite a bit	52	50	50	36	1,486	39	229	39								
		4	Very much	15	14	24	17	843	22	128	22								
		Total		104	100	139	100	3,809	100	582	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	18	17	21	15	550	14	63	11	<b>2.4</b>	2.4	-.06	2.6 *	-.20	2.6 *	-.25	
		2	Some	40	39	53	38	1,252	33	209	36								
		3	Quite a bit	32	31	46	33	1,245	33	192	33								
		4	Very much	13	13	18	13	750	20	116	20								
		Total		103	100	138	100	3,797	100	580	100								
c. Thinking critically and analytically	pgthink	1	Very little	1	1	2	1	159	4	19	3	<b>3.1</b>	3.1	.01	3.1	.03	3.1	-.04	
		2	Some	18	17	33	24	715	19	96	17								
		3	Quite a bit	55	53	55	40	1,610	42	254	44								
		4	Very much	30	29	49	35	1,317	35	210	36								
		Total		104	100	139	100	3,801	100	579	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	8	8	15	11	335	9	38	7	<b>2.8</b>	2.7	.10	2.8	-.03	2.9	-.11	
		2	Some	28	27	42	30	1,003	26	141	24								
		3	Quite a bit	45	43	51	37	1,444	38	243	42								
		4	Very much	23	22	31	22	1,019	27	155	27								
		Total		104	100	139	100	3,801	100	577	100								



# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	22	21	25	18	663	17	74	13	2.4	2.5	-.08	2.5	-.13	2.6 *	-.22
		2	Some	36	35	54	39	1,288	34	217	38							
		3	Quite a bit	31	30	32	23	1,120	29	163	28							
		4	Very much	15	14	28	20	726	19	124	21							
		Total		104	100	139	100	3,797	100	578	100							
f. Working effectively with others	pgothers	1	Very little	9	9	9	7	314	8	33	6	2.7	2.7	.03	2.8	-.10	2.9 *	-.22
		2	Some	30	29	50	37	1,091	29	157	27							
		3	Quite a bit	48	46	53	39	1,461	38	228	39							
		4	Very much	17	16	24	18	934	25	163	28							
		Total		104	100	136	100	3,800	100	581	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	13	13	20	14	615	16	69	12	2.6	2.6	.08	2.6	.05	2.7	-.06
		2	Some	31	30	47	34	1,136	30	170	29							
		3	Quite a bit	41	39	46	33	1,249	33	206	36							
		4	Very much	19	18	26	19	803	21	132	23							
		Total		104	100	139	100	3,803	100	577	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	8	8	23	17	519	14	67	12	2.7	2.5	.20	2.7	.04	2.7	.02
		2	Some	38	37	47	34	1,119	29	169	29							
		3	Quite a bit	34	33	42	30	1,262	33	220	38							
		4	Very much	24	23	27	19	912	24	124	21							
		Total		104	100	139	100	3,812	100	580	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	19	18	21	15	569	15	73	13	2.4	2.5	-.03	2.6	-.15	2.7 *	-.23
		2	Some	36	35	54	39	1,216	32	180	31							
		3	Quite a bit	32	31	42	30	1,261	33	199	34							
		4	Very much	16	16	22	16	763	20	127	22							
		Total		103	100	139	100	3,809	100	579	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	18	17	19	14	617	16	82	14	2.4	2.5	-.05	2.5	-.12	2.6	-.19
		2	Some	40	39	61	45	1,300	34	192	33							
		3	Quite a bit	30	29	33	24	1,136	30	179	31							
		4	Very much	15	15	24	18	742	20	123	21							
		Total		103	100	137	100	3,795	100	576	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### First-Year Students<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options															
<b>18. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	1	1	3	2	75	2	11	2	<b>3.2</b>	3.4 *	-0.29	3.2	-0.05	3.3	-0.18
		2	Fair	16	15	7	5	469	12	60	10							
		3	Good	53	51	67	48	1,939	51	264	45							
		4	Excellent	34	33	62	45	1,343	35	248	43							
		Total		104	100	139	100	3,826	100	583	100							
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	3	3	3	2	131	3	26	4	<b>3.1</b>	3.4 **	-0.40	3.2 *	-0.20	3.3 *	-0.24
		2	Probably no	18	17	11	8	455	12	68	12							
		3	Probably yes	52	50	57	41	1,662	43	215	37							
		4	Definitely yes	31	30	68	49	1,582	41	275	47							
		Total		104	100	139	100	3,830	100	584	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC Peers		Southeast Public		South Carolina	
													Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
<b>1. During the current school year, about how often have you done the following?</b>																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	3	3	0	0	132	3	14	2	<b>3.1</b>	3.2	-.17	3.0	.09	3.0	.04
		2	Sometimes	33	32	32	24	1,184	30	171	26							
		3	Often	21	20	40	30	1,251	31	241	37							
		4	Very often	47	45	62	46	1,419	36	229	35							
		Total		104	100	134	100	3,986	100	655	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	30	29	31	23	987	25	179	27	<b>2.2</b>	2.3	-.15	2.3	-.13	2.2	-.04
		2	Sometimes	40	38	46	35	1,381	35	237	36							
		3	Often	19	18	36	27	972	24	151	23							
		4	Very often	15	14	20	15	638	16	87	13							
		Total		104	100	133	100	3,978	100	654	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	4	4	2	1	201	5	23	4	<b>3.0</b>	3.1	-.17	3.0	-.05	3.0	-.04
		2	Often	16	15	19	14	538	14	97	15							
		3	Sometimes	63	61	78	58	2,267	57	387	60							
		4	Never	21	20	35	26	964	24	143	22							
		Total		104	100	134	100	3,970	100	650	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	25	24	44	33	1,808	46	214	33	<b>2.0</b>	1.9	.13	1.8 **	.28	2.0	.03
		2	Sometimes	58	56	68	51	1,515	38	290	44							
		3	Often	18	17	13	10	436	11	106	16							
		4	Very often	3	3	8	6	206	5	42	6							
		Total		104	100	133	100	3,965	100	652	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	8	8	6	5	378	10	46	7	<b>2.6</b>	2.6	.02	2.6	.04	2.6	.00
		2	Sometimes	44	43	66	50	1,645	41	274	42							
		3	Often	30	29	35	27	1,233	31	223	34							
		4	Very often	20	20	24	18	714	18	108	17							
		Total		102	100	131	100	3,970	100	651	100							
f. Explained course material to one or more students	CLexplain	1	Never	2	2	0	0	109	3	16	2	<b>3.0</b>	3.1	-.02	3.0	.12	3.0	.07
		2	Sometimes	26	25	33	25	1,129	28	161	25							
		3	Often	40	39	58	44	1,573	40	290	44							
		4	Very often	35	34	41	31	1,160	29	187	29							
		Total		103	100	132	100	3,971	100	654	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>		
														Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	9	9	11	8	529	13	76	12	<b>2.8</b>	2.8	-.04	2.6	.11	2.6	.14	
		2	Sometimes	33	32	46	34	1,303	33	224	34								
		3	Often	35	34	37	28	1,188	30	223	34								
		4	Very often	26	25	40	30	964	24	132	20								
		Total		103	100	134	100	3,984	100	655	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	5	5	3	2	213	5	30	5	<b>2.9</b>	3.0	-.20	2.8	.07	2.8	.10	
		2	Sometimes	31	30	31	23	1,380	35	225	34								
		3	Often	41	39	58	44	1,372	34	259	40								
		4	Very often	27	26	41	31	1,015	26	140	21								
		Total		104	100	133	100	3,980	100	654	100								
i. Given a course presentation	present	1	Never	6	6	9	7	560	14	67	10	<b>2.6</b>	2.8	-.20	2.5	.17	2.6	.07	
		2	Sometimes	44	43	39	29	1,652	42	271	42								
		3	Often	35	34	54	41	1,075	27	192	29								
		4	Very often	18	17	31	23	684	17	121	19								
		Total		103	100	133	100	3,971	100	651	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	5	5	1	1	119	3	9	1	<b>3.0</b>	3.2 **	-0.34	3.0	.02	2.9	.03	
		2	Sometimes	26	25	23	17	1,094	28	192	29								
		3	Often	40	38	51	38	1,602	40	280	43								
		4	Very often	33	32	58	44	1,160	29	173	26								
		Total		104	100	133	100	3,975	100	654	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	9	9	11	8	420	11	41	6	<b>2.8</b>	2.7	.09	2.6 *	.21	2.7	.06	
		2	Sometimes	32	31	50	38	1,546	39	234	36								
		3	Often	36	35	40	30	1,261	32	238	37								
		4	Very often	27	26	32	24	741	19	139	21								
		Total		104	100	133	100	3,968	100	652	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	20	19	19	14	860	22	85	13	<b>2.4</b>	2.4	.03	2.3	.12	2.5	-.08	
		2	Sometimes	40	38	65	49	1,670	42	281	43								
		3	Often	27	26	30	23	903	23	186	28								
		4	Very often	17	16	19	14	538	14	101	15								
		Total		104	100	133	100	3,971	100	653	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
													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	6	6	8	6	289	7	31	5	<b>2.8</b>	2.7	.10	2.7	.04	2.8	-.06	
		2	Sometimes	34	33	49	37	1,353	34	214	33								
		3	Often	44	42	54	41	1,521	38	263	40								
		4	Very often	20	19	21	16	800	20	144	22								
		Total		104	100	132	100	3,963	100	652	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	4	4	7	5	222	6	23	4	<b>2.9</b>	2.8	.19	2.8	.14	2.9	.06	
		2	Sometimes	26	25	47	35	1,214	31	190	29								
		3	Often	45	44	47	35	1,576	40	270	41								
		4	Very often	28	27	32	24	957	24	168	26								
		Total		103	100	133	100	3,969	100	651	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	2	2	6	5	141	4	13	2	<b>2.9</b>	2.9	-.03	2.9	.05	2.9	-.05	
		2	Sometimes	33	32	37	28	1,260	32	194	30								
		3	Often	43	41	51	39	1,607	40	268	41								
		4	Very often	26	25	38	29	962	24	176	27								
		Total		104	100	132	100	3,970	100	651	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	2	2	2	2	48	1	5	1	<b>3.2</b>	3.3	-.13	3.1	.01	3.2	-.06	
		2	Sometimes	20	19	21	16	741	19	105	16								
		3	Often	41	40	51	38	1,746	44	296	46								
		4	Very often	40	39	59	44	1,431	36	242	37								
		Total		103	100	133	100	3,966	100	648	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	16	16	13	10	644	16	72	11	<b>2.6</b>	2.7	-.11	2.5	.13	2.6	-.02	
		2	Sometimes	36	36	49	37	1,543	39	249	38								
		3	Often	20	20	33	25	997	25	174	27								
		4	Very often	29	29	38	29	784	20	154	24								
		Total		101	100	133	100	3,968	100	649	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	31	31	39	29	1,529	39	199	31	<b>2.3</b>	2.2	.02	2.1	.16	2.2	.03	
		2	Sometimes	32	32	42	32	1,137	29	203	31								
		3	Often	18	18	32	24	699	18	140	22								
		4	Very often	20	20	20	15	597	15	106	16								
		Total		101	100	133	100	3,962	100	648	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
													CofC Peers	Southeast Public	South Carolina	CofC Peers	Southeast Public	South Carolina	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	12	12	12	9	798	20	104	16	2.5	2.6	-.07	2.3 *	.20	2.4	.15	
		2	Sometimes	43	42	54	41	1,588	40	272	42								
		3	Often	27	26	42	32	992	25	177	27								
		4	Very often	20	20	25	19	581	15	93	14								
		Total		102	100	133	100	3,959	100	646	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	20	20	19	14	863	22	115	18	2.3	2.5	-.11	2.3	.08	2.3	.06	
		2	Sometimes	43	43	57	43	1,685	43	299	46								
		3	Often	21	21	33	25	905	23	162	25								
		4	Very often	17	17	23	17	508	13	72	11								
		Total		101	100	132	100	3,961	100	648	100								
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																			
a. Memorizing course material	memorize	1	Very little	7	7	10	8	192	5	16	2	2.8	2.8	-.01	3.0	-.19	3.1 *	-.26	
		2	Some	29	28	39	29	901	23	148	23								
		3	Quite a bit	40	39	45	34	1,544	39	269	41								
		4	Very much	27	26	39	29	1,339	34	219	34								
		Total		103	100	133	100	3,976	100	652	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	4	4	3	2	116	3	9	1	3.1	3.3 *	-.27	3.2	-.14	3.2	-.19	
		2	Some	23	23	17	13	654	16	102	16								
		3	Quite a bit	38	37	52	39	1,622	41	287	44								
		4	Very much	37	36	60	45	1,574	40	251	39								
		Total		102	100	132	100	3,966	100	649	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	5	5	2	2	160	4	22	3	3.0	3.1	-.22	3.1	-.15	3.1	-.19	
		2	Some	24	23	29	22	814	21	116	18								
		3	Quite a bit	45	44	51	39	1,538	39	284	44								
		4	Very much	29	28	50	38	1,449	37	228	35								
		Total		103	100	132	100	3,961	100	650	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	10	10	13	10	421	11	63	10	2.6	2.8	-.20	2.7	-.14	2.8	-.20	
		2	Some	39	39	39	30	1,180	30	185	28								
		3	Quite a bit	33	33	42	32	1,381	35	229	35								
		4	Very much	19	19	38	29	983	25	173	27								
		Total		101	100	132	100	3,965	100	650	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	CofC		CofC Peers		Southeast Public		South Carolina		Mean	CofC Peers		Southeast Public		South Carolina		
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	6	6	3	2	238	6	36	6	2.7	2.9	-.22	2.9 *	-.22	2.9 *	-.24	
		2	Some	39	38	40	30	1,038	26	173	27								
		3	Quite a bit	36	35	57	43	1,517	38	239	37								
		4	Very much	22	21	33	25	1,157	29	202	31								
		Total		103	100	133	100	3,950	100	650	100								
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	0	0	1	1	87	2	9	1	3.1	3.3	-.21	3.2	-.10	3.3	-.20	
		2	Some	22	22	16	12	645	16	86	13								
		3	Quite a bit	46	45	62	47	1,665	42	284	43								
		4	Very much	34	33	54	41	1,586	40	275	42								
		Total		102	100	133	100	3,983	100	654	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	1	1	2	2	116	3	15	2	3.1	3.3	-.24	3.1	-.02	3.2	-.13	
		2	Some	18	17	17	13	744	19	90	14								
		3	Quite a bit	54	52	56	42	1,691	43	299	46								
		4	Very much	30	29	57	43	1,424	36	248	38								
		Total		103	100	132	100	3,975	100	652	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	1	0	0	122	3	18	3	3.2	3.4	-.23	3.2	.04	3.3	-.02	
		2	Some	11	11	14	11	605	15	75	12								
		3	Quite a bit	52	51	51	39	1,559	39	277	43								
		4	Very much	38	37	67	51	1,680	42	281	43								
		Total		102	100	132	100	3,966	100	651	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	11	11	11	8	536	14	84	13	2.7	2.8	-.04	2.7	.07	2.7	.01	
		2	Some	30	29	42	32	1,214	31	185	28								
		3	Quite a bit	37	36	46	35	1,258	32	208	32								
		4	Very much	25	24	34	26	960	24	177	27								
		Total		103	100	133	100	3,968	100	654	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	6	6	7	5	335	8	37	6	2.9	3.0	-.06	2.8	.12	2.9	-.01	
		2	Some	25	25	27	20	1,080	27	152	23								
		3	Quite a bit	40	40	59	45	1,517	38	275	42								
		4	Very much	30	30	39	30	1,029	26	184	28								
		Total		101	100	132	100	3,961	100	648	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

Item wording or description				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
<b>6. During the current school year, about how often have you done the following?</b>																		
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				
Variable name <sup>l</sup>	Values <sup>m</sup>	Response options		Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
QRconclude	1	Never		2	2	4	3	223	6	30	5	<b>3.0</b>	3.2	-.20	3.0	.09	3.0	.04
	2	Sometimes		26	25	22	17	986	25	142	22							
	3	Often		40	39	50	38	1,515	38	276	42							
	4	Very often		34	33	57	43	1,260	32	205	31							
		Total		102	100	133	100	3,984	100	653	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
QRproblem	1	Never		16	16	15	11	671	17	91	14	<b>2.6</b>	2.8	-.18	2.5	.10	2.6	.03
	2	Sometimes		33	32	36	27	1,367	34	217	33							
	3	Often		27	26	40	30	1,121	28	207	32							
	4	Very often		27	26	42	32	823	21	139	21							
		Total		103	100	133	100	3,982	100	654	100							
c. Evaluated what others have concluded from numerical information				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
QRevaluate	1	Never		9	9	7	5	502	13	71	11	<b>2.8</b>	3.0	-.21	2.6	.18	2.7	.09
	2	Sometimes		33	32	31	23	1,397	35	203	31							
	3	Often		33	32	54	41	1,256	32	234	36							
	4	Very often		28	27	41	31	824	21	145	22							
		Total		103	100	133	100	3,979	100	653	100							
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																		
a. Up to 5 pages				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
wrshortnum	0	None		3	3	5	4	406	10	49	8	<b>7.5</b>	8.1	-.10	6.1 *	.23	6.5	.16
(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2		15	15	18	14	929	24	152	24							
	4	3-5		34	33	41	32	1,122	29	189	30							
	8	6-10		28	27	24	19	726	19	122	19							
	13	11-15		11	11	21	17	325	8	56	9							
	18	16-20		3	3	7	6	154	4	37	6							
	23	More than 20		8	8	11	9	217	6	35	5							
		Total		102	100	127	100	3,879	100	640	100							
b. Between 6 and 10 pages				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
wrmednum	0	None		25	25	25	20	1,247	32	166	26	<b>3.1</b>	3.2	-.03	2.7	.08	3.0	.01
(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2		30	30	47	38	1,361	35	256	40							
	4	3-5		31	31	36	29	730	19	120	19							
	8	6-10		11	11	12	10	330	9	60	9							
	13	11-15		2	2	3	2	95	2	25	4							
	18	16-20		0	0	0	0	32	1	5	1							
	23	More than 20		1	1	2	2	48	1	7	1							
		Total		100	100	125	100	3,843	100	639	100							



# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>															
				CofC				CofC Peers				Southeast Public				South Carolina				Your seniors compared with							
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	CofC		CofC Peers		Southeast Public		South Carolina		CofC		CofC Peers		Southeast Public		South Carolina		Effect size <sup>n</sup>		Effect size <sup>n</sup>					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>				
c. 11 pages or more	wrlongnum	0	None	43	43	52	41	2,068	55	322	52	<b>1.5</b>	1.6	-.02	1.6	-.02	1.6	-.01									
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	44	44	56	44	1,185	31	222	36																
		4	3-5	7	7	13	10	287	8	44	7																
		8	6-10	5	5	4	3	127	3	15	2																
		13	11-15	0	0	1	1	51	1	10	2																
		18	16-20	1	1	1	1	21	1	4	1																
		23	More than 20	0	0	0	0	43	1	6	1																
	Total			100	100	127	100	3,782	100	623	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.)									<b>70.1</b>	69.5	.01	62.2	.10	64.9	.07									
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																											
a. People of a race or ethnicity other than your own	DDrace	1	Never	5	5	3	2	194	5	24	4	<b>3.0</b>	2.9	.10	3.1	-.15	3.2 *	-0.21									
		2	Sometimes	27	26	52	40	889	22	136	21																
		3	Often	37	36	32	24	1,137	29	201	31																
		4	Very often	35	34	44	34	1,761	44	293	45																
		Total		104	100	131	100	3,981	100	654	100																
b. People from an economic background other than your own	DDeconomic	1	Never	7	7	3	2	171	4	23	4	<b>3.1</b>	3.0	.05	3.1	-.06	3.1	-.09									
		2	Sometimes	16	15	34	26	845	21	125	19																
		3	Often	44	42	52	39	1,308	33	239	36																
		4	Very often	37	36	43	33	1,655	42	268	41																
		Total		104	100	132	100	3,979	100	655	100																
c. People with religious beliefs other than your own	DDreligion	1	Never	7	7	8	6	205	5	18	3	<b>3.0</b>	3.0	.02	3.1	-.10	3.2	-.15									
		2	Sometimes	23	22	33	25	885	22	155	24																
		3	Often	35	34	42	32	1,152	29	190	29																
		4	Very often	39	38	49	37	1,730	44	292	45																
		Total		104	100	132	100	3,972	100	655	100																
d. People with political views other than your own	DDpolitical	1	Never	5	5	5	4	221	6	17	3	<b>3.0</b>	3.0	-.05	3.1	-.14	3.2 **	-.27									
		2	Sometimes	31	30	38	29	850	21	129	20																
		3	Often	31	30	38	29	1,238	31	214	33																
		4	Very often	37	36	49	38	1,647	42	290	45																
		Total		104	100	130	100	3,956	100	650	100																

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC				CofC Peers				CofC		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	CofC		CofC Peers		Southeast Public		South Carolina		Mean	CofC Peers		Southeast Public		South Carolina		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	1	1	3	2	130	3	8	1	<b>3.1</b>	3.1	-.01	3.2	-.04	3.2	-.16	
		2	Sometimes	22	21	26	20	666	17	109	17								
		3	Often	44	42	53	40	1,640	41	249	38								
		4	Very often	37	36	50	38	1,540	39	288	44								
		Total		104	100	132	100	3,976	100	654	100								
b. Reviewed your notes after class	LSnotes	1	Never	6	6	6	5	223	6	44	7	<b>2.8</b>	3.0	-.19	3.0	-.16	3.0	-.15	
		2	Sometimes	35	34	38	29	1,072	27	178	27								
		3	Often	33	32	37	28	1,231	31	182	28								
		4	Very often	30	29	51	39	1,441	36	251	38								
		Total		104	100	132	100	3,967	100	655	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	4	4	7	5	272	7	39	6	<b>2.8</b>	2.9	-.16	2.9	-.18	3.0 *	-.22	
		2	Sometimes	37	36	40	31	1,007	26	159	25								
		3	Often	40	39	41	31	1,350	34	231	36								
		4	Very often	22	21	43	33	1,319	33	219	34								
		Total		103	100	131	100	3,948	100	648	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	1	1	2	2	32	1	2	0	<b>5.5</b>	5.8	-.22	5.7	-.13	5.6	-.11	
		2		2	2	1	1	51	1	4	1								
		3		1	1	1	1	141	4	17	3								
		4		11	11	5	4	332	8	65	10								
		5		36	35	40	30	1,021	26	190	29								
		6		28	27	48	36	1,223	31	219	33								
		7	Very much	24	23	36	27	1,168	29	157	24								
		Total		103	100	133	100	3,968	100	654	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>o</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		4	4	7	5	364	9	54	8	<b>70%</b>	57% *	.27	45% ***	.52	55% **	.31	
		Do not plan to do		13	13	22	16	738	19	104	16								
		Plan to do		14	13	28	21	1,092	27	137	21								
		Done or in progress		73	70	77	57	1,787	45	361	55								
		Total		104	100	134	100	3,981	100	656	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

			Frequency Distributions								Statistical Comparisons <sup>k</sup>							
			CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	6	6	6	5	343	9	41	6	<b>56%</b>	49%	.14	39% ***	.33	49%	.14
			Do not plan to do	36	35	57	43	1,739	44	242	37							
			Plan to do	4	4	5	4	331	8	52	8							
			Done or in progress	58	56	65	49	1,562	39	317	49							
			Total	104	100	133	100	3,975	100	652	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	6	6	6	4	464	12	57	9	<b>29%</b>	33%	-.08	23%	.14	27%	.06
			Do not plan to do	63	61	79	59	2,258	57	376	58							
			Plan to do	4	4	5	4	335	8	46	7							
			Done or in progress	30	29	44	33	921	23	174	27							
			Total	103	100	134	100	3,978	100	653	100							
d. Participate in a study abroad program	abroad		Have not decided	7	7	7	5	430	11	34	5	<b>26%</b>	31%	-.12	14% ***	.31	24%	.04
			Do not plan to do	62	60	82	61	2,653	67	412	63							
			Plan to do	8	8	3	2	338	9	50	8							
			Done or in progress	27	26	42	31	543	14	157	24							
			Total	104	100	134	100	3,964	100	653	100							
e. Work with a faculty member on a research project	research		Have not decided	12	12	8	6	462	12	46	7	<b>57%</b>	57%	-.01	42% **	.29	50%	.14
			Do not plan to do	26	25	34	26	1,150	29	217	33							
			Plan to do	7	7	15	11	670	17	65	10							
			Done or in progress	59	57	76	57	1,674	42	324	50							
			Total	104	100	133	100	3,956	100	652	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	5	5	3	2	364	9	51	8	<b>49%</b>	70% ***	-.44	43%	.10	46%	.04
			Do not plan to do	32	31	16	12	943	24	174	27							
			Plan to do	16	16	21	16	939	24	126	19							
			Done or in progress	50	49	94	70	1,724	43	303	46							
			Total	103	100	134	100	3,970	100	654	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
	servcourse		1 None	46	44	61	46	2,002	50	328	50	<b>1.6</b>	1.6	.01	1.6	.04	1.5	.06
			2 Some	56	54	68	51	1,774	45	296	46							
			3 Most	2	2	4	3	156	4	22	3							
			4 All	0	0	0	0	35	1	4	1							
			Total	104	100	133	100	3,967	100	650	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	1	1	0	0	60	2	7	1	<b>5.6</b>	5.8	-.17	5.6	-.01	5.7	-.10	
		2		1	1	2	1	71	2	10	2								
		3		7	7	3	2	170	4	30	5								
		4		8	8	9	7	369	9	40	6								
		5		25	24	37	28	940	24	151	23								
		6		33	32	38	28	1,128	28	198	30								
		7	Excellent	29	28	45	34	1,219	31	218	33								
		—	Not applicable	0	0	0	0	21	1	2	0								
			Total	104	100	134	100	3,978	100	656	100								
b. Academic advisors	QIadvisor	1	Poor	6	6	5	4	220	6	29	4	<b>4.9</b>	5.3 *	-0.27	5.1	-.14	5.2	-.20	
		2		3	3	4	3	221	6	40	6								
		3		12	12	10	7	339	9	51	8								
		4		17	17	17	13	488	12	74	11								
		5		21	20	25	19	685	17	108	16								
		6		22	21	30	22	765	19	136	21								
		7	Excellent	20	19	42	31	1,225	31	213	33								
		—	Not applicable	2	2	1	1	34	1	4	1								
			Total	103	100	134	100	3,977	100	655	100								
c. Faculty	QIfaculty	1	Poor	1	1	1	1	63	2	8	1	<b>5.6</b>	5.9	-.22	5.4	.12	5.5	.08	
		2		2	2	1	1	99	3	18	3								
		3		4	4	4	3	223	6	30	5								
		4		11	11	5	4	450	11	67	10								
		5		26	25	32	24	978	25	161	25								
		6		29	28	44	33	1,104	28	193	30								
		7	Excellent	31	30	45	34	1,021	26	169	26								
		—	Not applicable	0	0	0	0	19	0	0	0								
			Total	104	100	132	100	3,957	100	646	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	CofC Peers		Southeast Public		South Carolina	
													Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	9	9	5	4	217	5	22	3	4.6	5.1 *	-0.31	4.8	-0.13	4.9	-0.19
		2		4	4	7	5	212	5	45	7							
		3		7	7	7	5	282	7	50	8							
		4		20	19	17	13	557	14	91	14							
		5		27	26	28	21	775	19	148	23							
		6		13	13	30	23	699	18	137	21							
		7	Excellent	14	13	26	20	607	15	100	15							
		—	Not applicable	10	10	13	10	627	16	63	10							
	Total	104	100	133	100	3,976	100	656	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	6	6	8	6	238	6	29	4	4.5	4.8	-0.20	4.7	-0.14	4.8	-0.19
		2		6	6	4	3	234	6	31	5							
		3		13	13	12	9	362	9	66	10							
		4		23	22	24	18	685	17	123	19							
		5		27	26	34	25	859	22	156	24							
		6		12	12	26	19	778	20	128	20							
		7	Excellent	14	13	21	16	640	16	103	16							
		—	Not applicable	3	3	5	4	180	5	19	3							
	Total	104	100	134	100	3,976	100	655	100									
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	1	1	1	1	73	2	12	2	3.1	3.1	-0.01	3.2	-0.13	3.3	-0.20
		2	Some	21	20	26	20	576	15	83	13							
		3	Quite a bit	45	44	58	45	1,697	43	269	41							
		4	Very much	36	35	45	35	1,614	41	287	44							
			Total	103	100	130	100	3,960	100	651	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	2	7	5	194	5	15	2	3.1	3.0	.13	3.0	.17	3.2	-0.10
		2	Some	18	17	27	21	919	23	98	15							
		3	Quite a bit	48	47	52	40	1,604	41	277	43							
		4	Very much	35	34	43	33	1,218	31	258	40							
			Total	103	100	129	100	3,935	100	648	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	2	2	9	7	282	7	30	5	3.2	3.1	.22	3.0 **	.31	3.2	.06
		2	Some	17	16	20	16	881	22	96	15							
		3	Quite a bit	39	38	55	43	1,494	38	242	37							
		4	Very much	46	44	45	35	1,284	33	279	43							
			Total	104	100	129	100	3,941	100	647	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	30	29	27	21	716	18	103	16	<b>2.2</b>	2.4	-.22	2.5 ***	-.34	2.6 ***	-.40
		2	Some	38	37	48	37	1,324	34	214	33							
		3	Quite a bit	23	22	33	25	1,116	28	193	30							
		4	Very much	12	12	22	17	791	20	138	21							
		Total	103	100	130	100	3,947	100	648	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	3	3	7	5	301	8	32	5	<b>2.8</b>	3.0	-.19	2.9	-.08	3.0 *	-.25
		2	Some	38	37	35	27	1,038	26	137	21							
		3	Quite a bit	39	38	42	32	1,466	37	269	41							
		4	Very much	24	23	46	35	1,152	29	213	33							
		Total	104	100	130	100	3,957	100	651	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	4	4	14	11	371	9	42	6	<b>2.9</b>	2.9	.00	2.9	.05	3.0	-.15
		2	Some	27	26	28	22	982	25	131	20							
		3	Quite a bit	47	46	44	34	1,442	37	237	37							
		4	Very much	25	24	43	33	1,152	29	237	37							
		Total	103	100	129	100	3,947	100	647	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	39	38	41	32	1,376	35	181	28	<b>1.9</b>	2.1	-.16	2.0	-.13	2.2 *	-.27
		2	Some	40	39	49	38	1,418	36	244	38							
		3	Quite a bit	17	17	26	20	735	19	140	22							
		4	Very much	7	7	12	9	417	11	81	13							
		Total	103	100	128	100	3,946	100	646	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	8	8	13	10	419	11	35	5	<b>2.8</b>	2.8	-.07	2.8	-.01	3.1 ***	-.37
		2	Some	33	32	35	27	1,086	28	123	19							
		3	Quite a bit	39	38	43	33	1,411	36	239	37							
		4	Very much	24	23	38	29	1,027	26	251	39							
		Total	104	100	129	100	3,943	100	648	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	12	12	17	13	770	20	92	14	<b>2.5</b>	2.5	-.04	2.4	.10	2.6	-.11
		2	Some	46	44	52	40	1,515	39	227	35							
		3	Quite a bit	31	30	37	29	1,055	27	189	29							
		4	Very much	15	14	23	18	590	15	139	21							
		Total	104	100	129	100	3,930	100	647	100								

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>																				
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with																		
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count		Count		Count		Count		Mean	CofC Peers		Southeast Public		South Carolina															
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>														
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																																
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs  <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 8 19 23 17 16 8 12	0 8 18 22 17 16 8 12	0 4 22 22 31 24 8 20	0 3 17 17 24 18 6 15	10 10 23 20 18 12 7 10	1 71 140 153 109 81 43 55	0 11 21 23 17 12 7 8	<b>17.2</b>	18.8	-.19	15.9	.14	15.6	.18															
Total				103	100	131	100	3,963	100	653								100														
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs  <i>(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	29 41 18 10 2 1 0 2	28 40 17 10 2 1 0 2	43 46 21 13 3 2 1 2	33 35 16 10 2 2 1 2	1,589 1,186 549 311 139 78 33 57	40 30 14 8 4 2 1 1	172 218 132 71 31 11 7 5								<b>5.1</b>	5.1	-.01	4.8	.03	5.9	-.13								
Total				103	100	131	100	3,942	100	647															100							
c. Working for pay on campus	tmworkonhrs  <i>(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	66 6 10 14 5 2 0 0	64 6 10 14 5 2 0 0	78 12 20 9 4 3 0 2	61 9 16 7 3 2 0 2	2,643 208 362 300 279 81 37 50	67 5 9 8 7 2 1 1	390 63 85 54 39 7 6 9															<b>4.0</b>	4.1	.00	4.3	-.03	4.4	-.06	
Total				103	100	128	100	3,960	100	653																						100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count		Count		Count		Count		Mean	Mean	Effect size <sup>n</sup>		Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>
				%	%	%	%	%	%	Mean	Mean			Mean	Mean				
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	54	52	80	62	2,018	51	387	60	<b>7.3</b>	6.0	.13	9.4 *	-.18	6.7	.06	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	8	6	5	195	5	42	6								
	8	6-10 hrs	12	12	13	10	254	6	46	7									
	13	11-15 hrs	5	5	6	5	246	6	33	5									
	18	16-20 hrs	11	11	9	7	371	9	51	8									
	23	21-25 hrs	8	8	6	5	275	7	39	6									
	28	26-30 hrs	2	2	4	3	181	5	17	3									
	33	More than 30 hrs	4	4	5	4	402	10	34	5									
	Total			104	100	129	100	3,942	100	649	100								
Estimated number of hours working for pay	tmworkhrs											<b>11.4</b>	10.0	.13	13.6 *	-.18	11.0	.03	
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	45	44	67	51	1,910	49	269	42	<b>3.3</b>	2.6	.14	3.0	.07	3.1	.05	
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	40	39	45	34	1,392	35	276	43								
	8	6-10 hrs	9	9	13	10	350	9	59	9									
	13	11-15 hrs	3	3	4	3	144	4	24	4									
	18	16-20 hrs	3	3	0	0	69	2	12	2									
	23	21-25 hrs	1	1	1	1	29	1	2	0									
	28	26-30 hrs	0	0	0	0	11	0	1	0									
	33	More than 30 hrs	1	1	1	1	24	1	3	0									
	Total			102	100	131	100	3,929	100	646	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	1	1	94	2	16	2	<b>13.8</b>	13.8	.00	11.2 **	.31	11.7 *	.25	
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	11	18	14	1,017	26	140	22								
	8	6-10 hrs	29	28	39	30	1,117	28	193	30									
	13	11-15 hrs	29	28	22	17	739	19	134	21									
	18	16-20 hrs	19	18	22	17	481	12	82	13									
	23	21-25 hrs	7	7	13	10	191	5	26	4									
	28	26-30 hrs	2	2	3	2	89	2	21	3									
	33	More than 30 hrs	7	7	10	8	213	5	38	6									
	Total			104	100	128	100	3,941	100	650	100								



# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Effect size <sup>n</sup>			
														Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>		
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	86	85	112	88	2,745	70	505	78	<b>1.3</b>	1.2	.02	4.4 ***	-.33	3.2 ***	-.24	
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	6	9	7	407	10	46	7								
	8	6-10 hrs	5	5	2	2	218	6	27	4									
	13	11-15 hrs	1	1	2	2	121	3	21	3									
	18	16-20 hrs	1	1	0	0	103	3	15	2									
	23	21-25 hrs	2	2	1	1	39	1	3	0									
	28	26-30 hrs	0	0	0	0	32	1	2	0									
	33	More than 30 hrs	0	0	2	2	278	7	32	5									
	Total			101	100	128	100	3,943	100	651	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	13	13	21	16	425	11	115	18	<b>5.1</b>	3.8 *	.30	5.3	-.04	4.6	.10	
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	52	50	90	70	2,282	58	372	57								
	8	6-10 hrs	30	29	11	9	819	21	109	17									
	13	11-15 hrs	5	5	3	2	247	6	33	5									
	18	16-20 hrs	2	2	1	1	87	2	10	2									
	23	21-25 hrs	0	0	2	2	35	1	4	1									
	28	26-30 hrs	1	1	1	1	18	0	3	0									
	33	More than 30 hrs	0	0	0	0	48	1	7	1									
	Total			103	100	129	100	3,961	100	653	100								
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
	reading	1	Very little	16	15	25	19	869	22	114	18	<b>2.3</b>	2.4	-.06	2.4	-.08	2.6 *	-.21	
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	51	49	56	43	1,424	36	227	35								
	3	About half	26	25	27	21	959	24	172	27									
	4	Most	8	8	19	15	548	14	96	15									
	5	Almost all	3	3	4	3	164	4	38	6									
		Total			104	100	131	100	3,964	100	647	100							
	tmreadinghrs											<b>6.0</b>	6.9	-.16	6.1	-.02	6.4	-.07	
	(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 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>					
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean
	tmreadinghrscol	1	0 hrs	0	0	0	0	8	0	1	0						
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	59	57	60	46	2,231	57	338	52						
		3	More than 5, up to 10 hrs	29	28	44	34	1,013	26	186	29						
		4	More than 10, up to 15 hrs	5	5	14	11	319	8	61	9						
		5	More than 15, up to 20 hrs	6	6	9	7	199	5	34	5						
		6	More than 20, up to 25 hrs	4	4	2	2	133	3	17	3						
		7	More than 25 hrs	0	0	2	2	33	1	8	1						
		Total		103	100	131	100	3,936	100	645	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	10	10	7	5	347	9	41	6	<b>2.8</b>	3.0 *	-0.26	2.8	-0.03	3.0	-0.17
		2	Some	29	28	31	23	1,107	28	155	24							
		3	Quite a bit	37	36	45	34	1,410	35	251	38							
		4	Very much	28	27	50	38	1,121	28	208	32							
		Total		104	100	133	100	3,985	100	655	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	13	13	5	4	434	11	59	9	<b>2.8</b>	3.0	-0.22	2.8	-0.02	2.9	-0.17
		2	Some	25	25	41	31	1,102	28	147	22							
		3	Quite a bit	37	37	41	31	1,366	34	238	36							
		4	Very much	26	26	46	35	1,075	27	210	32							
		Total		101	100	133	100	3,977	100	654	100							
c. Thinking critically and analytically	pgthink	1	Very little	5	5	1	1	117	3	12	2	<b>3.3</b>	3.4	-0.19	3.3	.04	3.4	-0.11
		2	Some	9	9	18	14	573	14	70	11							
		3	Quite a bit	40	38	35	26	1,412	36	228	35							
		4	Very much	50	48	79	59	1,874	47	346	53							
		Total		104	100	133	100	3,976	100	656	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	4	4	3	2	179	4	20	3	<b>3.2</b>	3.3	-0.11	3.1	.08	3.2	-0.03
		2	Some	16	16	20	15	744	19	111	17							
		3	Quite a bit	37	36	44	33	1,379	35	217	33							
		4	Very much	46	45	66	50	1,678	42	306	47							
		Total		103	100	133	100	3,980	100	654	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

Item wording or description				Variable name <sup>l</sup>				Frequency Distributions				Statistical Comparisons <sup>k</sup>												
								CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with						
								Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>		
e. Acquiring job- or work-related knowledge and skills				pgwork				1	Very little	14	13	12	9	521	13	67	10	<b>2.7</b>	2.9	-.23	2.8	-.09	2.8	-.17
								2	Some	29	28	36	27	1,081	27	170	26							
								3	Quite a bit	39	38	39	30	1,231	31	227	35							
								4	Very much	22	21	45	34	1,142	29	190	29							
								Total		104	100	132	100	3,975	100	654	100							
f. Working effectively with others				pgothers				1	Very little	9	9	3	2	278	7	37	6	<b>2.8</b>	3.1 *	-0.32	2.9	-.11	3.0	-.21
								2	Some	26	25	32	24	1,004	25	147	23							
								3	Quite a bit	45	43	47	36	1,486	37	255	39							
								4	Very much	24	23	49	37	1,204	30	214	33							
								Total		104	100	131	100	3,972	100	653	100							
g. Developing or clarifying a personal code of values and ethics				pgvalues				1	Very little	19	19	18	14	723	18	84	13	<b>2.5</b>	2.6	-.11	2.6	-.10	2.8 **	-.29
								2	Some	33	32	49	37	1,143	29	174	27							
								3	Quite a bit	31	30	33	25	1,128	28	197	30							
								4	Very much	19	19	32	24	986	25	199	30							
								Total		102	100	132	100	3,980	100	654	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)				pgdiverse				1	Very little	16	15	24	18	661	17	85	13	<b>2.5</b>	2.4	.18	2.6	-.05	2.7	-.15
								2	Some	32	31	60	45	1,220	31	192	29							
								3	Quite a bit	39	38	23	17	1,157	29	212	33							
								4	Very much	17	16	25	19	939	24	163	25							
								Total		104	100	132	100	3,977	100	652	100							
i. Solving complex real-world problems				pgprobsolve				1	Very little	10	10	8	6	485	12	55	8	<b>2.7</b>	2.9	-.20	2.7	-.05	2.8	-.16
								2	Some	34	33	43	33	1,130	28	179	27							
								3	Quite a bit	37	36	39	30	1,310	33	238	36							
								4	Very much	22	21	42	32	1,046	26	181	28							
								Total		103	100	132	100	3,971	100	653	100							
j. Being an informed and active citizen				pgcitizen				1	Very little	20	19	18	14	755	19	97	15	<b>2.4</b>	2.7 *	-.28	2.5	-.11	2.6 *	-.25
								2	Some	35	34	43	33	1,314	33	193	30							
								3	Quite a bit	37	36	38	29	1,092	28	218	34							
								4	Very much	11	11	33	25	792	20	141	22							
								Total		103	100	132	100	3,953	100	649	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Sci & Math

### College of Charleston

#### Seniors<sup>a</sup> in Sci & Math

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				CofC		CofC Peers		Southeast Public		South Carolina		CofC		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
<b>18. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	4	4	2	2	113	3	9	1	<b>3.2</b>	3.4 *	-0.26	3.2	.01	3.3	-0.17
		2	Fair	11	11	14	11	541	14	75	11							
		3	Good	50	48	47	35	1,838	46	269	41							
		4	Excellent	39	38	70	53	1,496	38	300	46							
		Total		104	100	133	100	3,988	100	653	100							
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	8	8	4	3	231	6	29	4	<b>3.1</b>	3.3	-0.19	3.1	-0.03	3.2	-0.10
		2	Probably no	15	14	17	13	564	14	89	14							
		3	Probably yes	37	36	48	36	1,577	39	251	38							
		4	Definitely yes	44	42	63	48	1,624	41	286	44							
		Total		104	100	132	100	3,996	100	655	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

## Sci & Math

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
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	%
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	90	87	109	78	3,353	87	492	84	80	77	106	79	3,481	87	566	86
		More than one	14	13	30	22	488	13	92	16	24	23	28	21	522	13	90	14
		Total	104	100	139	100	3,841	100	584	100	104	100	134	100	4,003	100	656	100
First major or expected first major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJfirstcol <i>(Recoded from MAJfirst.)</i>	Arts & Humanities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Biological Sci., Agriculture, & Natural Resources	64	62	89	64	2,330	61	392	67	59	57	82	61	2,317	58	401	61
		Physical Sci., Mathematics, & Computer Science	37	36	46	33	1,370	36	172	29	37	36	50	37	1,533	38	227	35
		Social Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Business	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Communications, Media, & Public Relations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Health Professions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Social Service Professions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		All Other	3	3	4	3	141	4	20	3	8	8	2	1	153	4	28	4
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	104	100	139	100	3,841	100	584	100	104	100	134	100	4,003	100	656	100
Second major or expected second major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJsecondcol <i>(Recoded from MAJsecond.)</i>	Arts & Humanities	1	7	5	17	77	16	35	38	4	17	4	14	65	13	27	30
		Biological Sci., Agriculture, & Natural Resources	0	0	2	7	59	12	8	9	2	8	2	7	68	13	7	8
		Physical Sci., Mathematics, & Computer Science	5	36	7	23	110	23	19	21	12	50	11	39	138	27	28	31
		Social Sciences	5	36	7	23	71	15	13	14	5	21	8	29	90	17	11	12
		Business	1	7	4	13	37	8	7	8	0	0	1	4	26	5	6	7
		Communications, Media, & Public Relations	0	0	0	0	2	0	1	1	0	0	0	0	6	1	1	1
		Education	1	7	1	3	13	3	2	2	1	4	1	4	21	4	2	2
		Engineering	0	0	0	0	37	8	2	2	0	0	0	0	35	7	3	3
		Health Professions	0	0	3	10	55	11	1	1	0	0	1	4	44	8	0	0
		Social Service Professions	0	0	1	3	15	3	2	2	0	0	0	0	10	2	1	1
		All Other	1	7	0	0	4	1	1	1	0	0	0	0	11	2	2	2
		Undecided, Undeclared	0	0	0	0	7	1	1	1	0	0	0	0	5	1	1	1
		Total	14	100	30	100	487	100	92	100	24	100	28	100	519	100	89	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

## Sci & Math

### First-Year Students<sup>a</sup>

### Seniors<sup>a</sup>

Item wording or description	Variable name	Response options	First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			CofC		CofC Peers		Southeast Public		South Carolina		CofC		CofC Peers		Southeast Public		South Carolina	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. What is your class level?	class	Freshman/First-year	96	92	130	95	3,354	88	532	92	0	0	0	0	8	0	1	0
		Sophomore	8	8	5	4	364	10	40	7	0	0	0	0	37	1	7	1
		Junior	0	0	2	1	62	2	7	1	5	5	13	10	366	9	90	14
		Senior	0	0	0	0	8	0	1	0	99	95	120	90	3,501	88	551	84
		Unclassified	0	0	0	0	19	0	0	0	0	0	1	1	74	2	6	1
		Total	104	100	137	100	3,807	100	580	100	104	100	134	100	3,986	100	655	100
22. Thinking about this current academic term, are you a full-time student?	fulltime	No	3	3	2	1	106	3	7	1	11	11	13	10	661	17	63	10
		Yes	100	97	135	99	3,696	97	572	99	93	89	120	90	3,302	83	589	90
		Total	103	100	137	100	3,802	100	579	100	104	100	133	100	3,963	100	652	100
23a. How many courses are you taking for credit this current academic term?	coursenum	0	2	2	0	0	8	0	0	0	0	0	1	1	52	1	7	1
		1	0	0	0	0	11	0	0	0	1	1	0	0	95	2	8	1
		2	0	0	0	0	22	1	2	0	7	7	3	2	224	6	17	3
		3	0	0	4	3	102	3	10	2	9	9	15	11	406	10	41	6
		4	19	18	40	29	809	21	120	21	19	18	50	37	1,119	28	192	29
		5	38	37	61	45	1,417	37	238	41	36	35	38	28	1,113	28	200	31
		6	27	26	22	16	856	22	122	21	18	17	20	15	529	13	102	16
		7 or more	17	17	10	7	587	15	86	15	14	13	7	5	449	11	86	13
Total	103	100	137	100	3,812	100	578	100	104	100	134	100	3,987	100	653	100		
b. Of these, how many are entirely online?	onlinenum	0	99	96	122	90	3,081	81	511	89	99	95	122	92	3,013	76	522	80
		1	4	4	12	9	548	14	46	8	5	5	10	8	645	16	99	15
		2	0	0	2	1	94	2	7	1	0	0	0	0	187	5	19	3
		3	0	0	0	0	34	1	6	1	0	0	0	0	60	2	6	1
		4	0	0	0	0	12	0	1	0	0	0	0	0	37	1	3	0
		5	0	0	0	0	8	0	1	0	0	0	1	1	9	0	1	0
		6	0	0	0	0	4	0	0	0	0	0	0	0	9	0	1	0
		7 or more	0	0	0	0	7	0	1	0	0	0	0	0	7	0	1	0
Total	103	100	136	100	3,788	100	573	100	104	100	133	100	3,967	100	652	100		
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum)	onlinecscol	No courses taken online	99	96	122	90	3,081	81	511	89	99	95	122	92	3,013	76	522	80
		Some courses taken online	4	4	14	10	672	18	57	10	5	5	11	8	869	22	120	18
		All courses taken online	0	0	0	0	35	1	5	1	0	0	0	0	85	2	10	2
		Total	103	100	136	100	3,788	100	573	100	104	100	133	100	3,967	100	652	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

## Sci & Math

### First-Year Students<sup>a</sup>

### Seniors<sup>a</sup>

Item wording or description	Variable name	Response options	First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			CofC		CofC Peers		Southeast Public		South Carolina		CofC		CofC Peers		Southeast Public		South Carolina	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your grades been up to now at this institution?	grades	C- or lower	3	3	1	1	78	2	13	2	1	1	0	0	23	1	2	0
		C	1	1	5	4	118	3	20	3	2	2	4	3	116	3	13	2
		C+	1	1	6	4	165	4	24	4	6	6	6	5	208	5	26	4
		B-	9	9	3	2	217	6	27	5	4	4	19	14	294	7	31	5
		B	16	16	19	14	577	15	105	18	20	19	26	20	761	19	100	15
		B+	23	22	26	19	655	17	102	18	15	15	24	18	682	17	139	21
		A-	21	20	36	26	743	20	106	18	23	22	20	15	611	15	102	16
		A	29	28	41	30	1,247	33	182	31	32	31	34	26	1,280	32	238	37
Total	103	100	137	100	3,800	100	579	100	103	100	133	100	3,975	100	651	100		
25. Did you begin college at this institution or elsewhere?	begincol	Started here	97	95	132	96	3,483	92	546	94	80	78	84	63	2,333	59	494	76
		Started elsewhere	5	5	5	4	322	8	32	6	23	22	50	37	1,649	41	158	24
		Total	102	100	137	100	3,805	100	578	100	103	100	134	100	3,982	100	652	100
26. 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	9	9	1	1	91	2	33	6	6	6	4	3	260	7	76	12
	attend_com	Community or junior college	3	3	5	4	284	7	23	4	20	19	47	36	1,362	34	100	15
	attend_col	4-year college or university other than this one	5	5	4	3	302	8	52	9	20	19	29	22	1,071	27	139	21
	attend_none	None	86	83	124	91	3,084	81	470	81	62	60	70	53	1,814	46	394	61
	attend_other	Other	2	2	3	2	112	3	16	3	1	1	4	3	119	3	12	2
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	3	3	2	1	164	4	24	4	0	0	4	3	157	4	16	2
		Bachelor's degree (B.A., B.S., etc.)	12	12	17	12	758	20	107	19	22	21	22	16	822	21	111	17
		Master's degree (M.A., M.S., etc.)	29	28	38	28	869	23	134	23	30	29	44	33	1,075	27	183	28
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	59	57	80	58	2,001	53	311	54	52	50	64	48	1,918	48	340	52
		Total	103	100	137	100	3,792	100	576	100	104	100	134	100	3,972	100	650	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

## Sci & Math

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			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	%
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	0	0	4	3	124	3	15	3	2	2	1	1	118	3	20	3
		High school diploma or G.E.D.	8	8	11	8	572	15	66	11	4	4	17	13	657	17	63	10
		Attended college, but did not complete degree	16	16	5	4	456	12	55	10	12	12	12	9	447	11	53	8
		Associate's degree (A.A., A.S., etc.)	16	16	18	13	396	10	63	11	4	4	8	6	395	10	75	12
		Bachelor's degree (B.A., B.S., etc.)	32	31	38	28	1,119	30	182	32	35	34	33	25	1,167	29	197	30
		Master's degree (M.A., M.S., etc.)	19	18	38	28	778	21	132	23	28	27	42	31	773	19	158	24
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	12	12	23	17	339	9	64	11	18	17	21	16	420	11	86	13
		Total	103	100	137	100	3,784	100	577	100	103	100	134	100	3,977	100	652	100
First-generation status (No parent holds a bachelor's degree)	firstgen (Recoded from parented)	Not first-generation	63	61	99	72	2,236	59	378	66	81	79	96	72	2,360	59	441	68
		First-generation	40	39	38	28	1,548	41	199	34	22	21	38	28	1,617	41	211	32
		Total	103	100	137	100	3,784	100	577	100	103	100	134	100	3,977	100	652	100
29. What is your gender identity?	genderid	Man	32	31	40	29	1,438	38	194	34	41	39	45	34	1,697	43	237	36
		Woman	67	66	96	70	2,280	60	374	65	61	59	87	65	2,196	55	410	63
		Another gender identity	1	1	0	0	30	1	3	1	1	1	0	0	27	1	2	0
		I prefer not to respond	2	2	1	1	47	1	7	1	1	1	2	1	60	2	3	0
		Total	102	100	137	100	3,795	100	578	100	104	100	134	100	3,980	100	652	100
30. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear)	19 or younger	102	99	133	97	3,466	92	552	96	1	1	0	0	37	1	7	1
		20-23	1	1	3	2	205	5	16	3	91	88	108	81	2,725	69	533	82
		24-29	0	0	0	0	62	2	6	1	8	8	17	13	692	18	59	9
		30-39	0	0	1	1	30	1	2	0	3	3	3	2	334	8	34	5
		40-55	0	0	0	0	9	0	0	0	1	1	5	4	145	4	13	2
		Over 55	0	0	0	0	4	0	0	0	0	0	0	0	21	1	4	1
		Total	103	100	137	100	3,776	100	576	100	104	100	133	100	3,954	100	650	100
31a. Are you an international student?	internat	No	102	99	134	99	3,593	96	551	97	102	99	133	99	3,834	97	632	98
		Yes	1	1	2	1	160	4	17	3	1	1	1	1	112	3	14	2
		Total	103	100	136	100	3,753	100	568	100	103	100	134	100	3,946	100	646	100
International student country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file. U.S. (domestic) students did not receive this question.	countrycol (Recoded from country.)	Africa Sub-Saharan	0	0	0	0	20	13	1	6	0	0	0	0	14	13	4	29
		Asia	1	100	1	50	60	40	8	50	1	100	0	0	43	40	2	14
		Canada	0	0	0	0	6	4	2	13	0	0	0	0	3	3	0	0
		Europe	0	0	0	0	15	10	2	13	0	0	1	100	16	15	3	21
		Latin America and Caribbean	0	0	1	50	30	20	2	13	0	0	0	0	16	15	5	36
		Middle East and North Africa	0	0	0	0	19	13	1	6	0	0	0	0	14	13	0	0
		Oceania	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
		Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	100	2	100	150	100	16	100	1	100	1	100	107	100	14	100		



# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

## Sci & Math

### First-Year Students<sup>a</sup>

### Seniors<sup>a</sup>

Item wording or description	Variable name	Response options	First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			CofC		CofC Peers		Southeast Public		South Carolina		CofC		CofC Peers		Southeast Public		South Carolina	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	1	1	1	1	86	2	13	2	1	1	1	1	65	2	10	2
	re_asian	Asian	7	7	8	6	375	10	46	8	5	5	8	6	332	8	48	7
	re_black	Black or African American	19	18	13	9	686	18	91	16	4	4	6	4	458	12	95	15
	re_latino	Hispanic or Latino	5	5	11	8	312	8	18	3	2	2	5	4	290	7	32	5
	re_pacific	Native Hawaiian or Other Pacific Islander	0	0	2	1	25	1	3	1	0	0	0	0	20	1	5	1
	re_white	White	78	76	105	77	2,445	65	416	72	91	88	119	89	2,804	71	477	73
	re_other	Other	3	3	3	2	77	2	9	2	2	2	2	1	103	3	11	2
	re_pnr	I prefer not to respond	1	1	4	3	113	3	16	3	3	3	4	3	181	5	19	3
	Racial or ethnic identification	re_all	American Indian or Alaska Native	0	0	1	1	10	0	1	0	0	0	0	0	18	0	1
(Recoded from re_amind		Asian	6	6	6	4	302	8	37	6	4	4	3	2	269	7	36	6
through re_amind		Black or African American	15	15	12	9	600	16	79	14	3	3	4	3	406	10	84	13
re_pnr		Hispanic or Latino	1	1	6	4	201	5	11	2	0	0	3	2	192	5	18	3
where each student is represented only once)		Native Hawaiian/Other Pac. Islander	0	0	0	0	5	0	0	0	0	0	0	0	2	0	0	0
		White	71	69	99	72	2,212	58	394	69	88	85	110	82	2,604	66	448	69
		Other	1	1	1	1	53	1	6	1	2	2	1	1	63	2	8	1
		Multiracial	8	8	8	6	288	8	31	5	4	4	9	7	240	6	38	6
		I prefer not to respond	1	1	4	3	113	3	16	3	3	3	4	3	181	5	19	3
	Total	103	100	137	100	3,784	100	575	100	104	100	134	100	3,975	100	652	100	
33. Are you a member of a social fraternity or sorority?	greek	No	89	87	117	85	3,359	89	451	79	87	84	121	90	3,461	87	518	80
		Yes	13	13	20	15	416	11	122	21	17	16	13	10	502	13	132	20
		Total	102	100	137	100	3,775	100	573	100	104	100	134	100	3,963	100	650	100
34. Which of the following best describes where you are living while attending college?	living	Dormitory or other campus housing (not fraternity or sorority house)	81	79	123	90	2,459	65	465	82	11	11	38	29	510	13	145	22
		Fraternity or sorority house	1	1	2	1	17	0	3	1	1	1	0	0	45	1	7	1
		Residence (house, apartment, etc.) within walking distance to the institution	10	10	5	4	243	6	20	4	48	46	49	37	906	23	133	20
		Residence (house, apartment, etc.) farther than walking distance to the institution	10	10	6	4	961	25	73	13	43	41	45	34	2,422	61	357	55
		None of the above	0	0	0	0	91	2	9	2	1	1	1	1	83	2	9	1
		Total	102	100	136	100	3,771	100	570	100	104	100	133	100	3,966	100	651	100
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	99	96	131	96	3,605	96	532	93	103	99	130	97	3,851	97	620	96
		Yes	4	4	5	4	167	4	42	7	1	1	4	3	101	3	26	4
		Total	103	100	136	100	3,772	100	574	100	104	100	134	100	3,952	100	646	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

## Sci & Math

### First-Year Students<sup>a</sup>

### Seniors<sup>a</sup>

Item wording or description	Variable name	Response options	First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			CofC		CofC Peers		Southeast Public		South Carolina		CofC		CofC Peers		Southeast Public		South Carolina	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	102	99	137	100	3,697	98	566	99	99	98	129	96	3,740	94	619	96
		Yes	1	1	0	0	66	2	8	1	2	2	5	4	219	6	29	4
		Total	103	100	137	100	3,763	100	574	100	101	100	134	100	3,959	100	648	100
37a. Have you been diagnosed with any disability or impairment?	disability	No	88	85	122	89	3,305	87	514	89	86	83	105	78	3,421	86	569	87
		Yes	14	14	9	7	356	9	50	9	15	14	24	18	416	10	59	9
		I prefer not to respond	1	1	6	4	121	3	12	2	3	3	5	4	139	3	24	4
		Total	103	100	137	100	3,782	100	576	100	104	100	134	100	3,976	100	652	100
b. <i>[If answered "yes"]</i> Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	2	14	1	11	55	16	14	28	1	7	2	8	53	13	5	8
	dis_mobility	A mobility impairment	0	0	0	0	22	6	6	12	0	0	2	8	42	10	5	8
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	7	50	5	56	154	44	18	36	12	80	14	58	204	50	31	53
	dis_mental	A mental health disorder	8	57	4	44	124	35	15	30	8	53	6	25	147	36	20	34
	dis_other	A disability or impairment not listed above	1	7	1	11	73	21	8	16	1	7	2	8	84	20	6	10
Disability or impairment	disability_all	A sensory impairment	0	0	1	1	36	1	9	2	0	0	1	1	27	1	4	1
	(Recoded from disability and dis_sense through dis_other where each student is represented only once)	A mobility impairment	0	0	0	0	14	0	3	1	0	0	2	1	20	1	5	1
		A learning disability	4	4	3	2	112	3	14	2	5	5	12	9	139	3	25	4
		A mental health disorder	5	5	2	1	78	2	12	2	3	3	5	4	81	2	14	2
		A disability or impairment not listed	1	1	1	1	51	1	5	1	0	0	2	1	48	1	4	1
		More than one disability or impairment	4	4	2	1	62	2	7	1	7	7	2	1	97	2	7	1
		No disability or impairment	88	85	122	89	3,305	87	514	89	86	83	105	78	3,421	86	569	87
		Prefer not to respond	1	1	6	4	121	3	12	2	3	3	5	4	139	3	24	4
	Total	103	100	137	100	3,779	100	576	100	104	100	134	100	3,972	100	652	100	
38. Which of the following best describes your sexual orientation? (Question administered per institution request)	sexorient14	Heterosexual	--	--	54	90	1,687	86	330	89	--	--	36	82	1,796	84	416	86
		Gay	--	--	1	2	29	1	4	1	--	--	1	2	44	2	10	2
		Lesbian	--	--	0	0	14	1	4	1	--	--	2	5	16	1	4	1
		Bisexual	--	--	2	3	65	3	9	2	--	--	3	7	79	4	6	1
		Another sexual orientation	--	--	1	2	34	2	3	1	--	--	0	0	41	2	9	2
		Questioning or unsure	--	--	1	2	41	2	4	1	--	--	0	0	21	1	8	2
		I prefer not to respond	--	--	1	2	102	5	16	4	--	--	2	5	133	6	29	6
		Total	--	--	60	100	1,972	100	370	100	--	--	44	100	2,130	100	482	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Sci & Math

College of Charleston

## Sci & Math

### First-Year Students<sup>a</sup>

### Seniors<sup>a</sup>

Item wording or description	Variable name	Response options	First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			CofC		CofC Peers		Southeast Public		South Carolina		CofC		CofC Peers		Southeast Public		South Carolina	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>Institution-reported information</b>																		
(Variables provided by your institution in your NSSE population file.)																		
Institution-reported sex	IRsex	Female	71	68	98	71	2,351	61	379	65	63	61	88	66	2,243	56	415	63
		Male	33	32	41	29	1,490	39	205	35	41	39	46	34	1,760	44	241	37
		Total	104	100	139	100	3,841	100	584	100	104	100	134	100	4,003	100	656	100
Institution-reported race or ethnicity	IRrace	American Indian or Alaska Native	0	0	1	1	15	0	1	0	0	0	0	0	20	1	4	1
		Asian	0	0	5	4	170	5	28	6	0	0	5	4	175	5	27	5
		Black or African American	0	0	12	9	572	16	80	16	0	0	3	2	413	11	83	14
		Hispanic or Latino	0	0	10	7	259	7	12	2	0	0	6	4	296	8	29	5
		Native Hawaiian/Other Pac. Islander	0	0	0	0	2	0	0	0	0	0	0	0	4	0	1	0
		White	0	0	105	76	2,181	62	342	68	0	0	113	84	2,588	69	411	70
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Foreign or nonresident alien	0	0	3	2	121	3	7	1	0	0	0	0	65	2	5	1
		Two or more races/ethnicities	0	0	2	1	126	4	23	5	0	0	5	4	107	3	22	4
		Unknown	0	0	1	1	87	2	9	2	0	0	2	1	86	2	4	1
		Total	0	0	139	100	3,533	100	502	100	0	0	134	100	3,754	100	586	100
Institution-reported class level	IRclass	Freshman/First-Year	104	100	139	100	3,841	100	584	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	104	100	134	100	4,003	100	656	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	104	100	139	100	3,841	100	584	100	104	100	134	100	4,003	100	656	100
Institution-reported first-time first-year (FTFY) status	IRftfy	No	1	1	3	2	328	9	32	5	104	100	134	100	3,996	100	656	100
		Yes	103	99	136	98	3,513	91	552	95	0	0	0	0	7	0	0	0
		Total	104	100	139	100	3,841	100	584	100	104	100	134	100	4,003	100	656	100
Institution-reported enrollment status	IRenrollment	Not full-time	3	3	1	1	101	3	3	1	10	10	7	5	594	15	41	6
		Full-time	101	97	138	99	3,740	97	581	99	94	90	127	95	3,409	85	615	94
		Total	104	100	139	100	3,841	100	584	100	104	100	134	100	4,003	100	656	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.  $*p < .05$ ,  $**p < .01$ ,  $***p < .001$  ( $z$ -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., & Gonyea, R. M. (2015). Contextualizing student engagement effect sizes: An empirical analysis. Paper presented at the Association for Institutional Research Annual Forum, Denver, CO.