

## **BCSSE Institutional Report**



#### **BCSSE Institutional Report 2016**

#### Introduction

#### **Guide to Your Report**

Students enter your campus with a variety of backgrounds and experiences that relate to their academic engagement and success. The purpose of BCSSE is to provide your campus with valuable and timely information that will allow you to positively impact the first-year experiences of your students.

The BCSSE Institutional Report 2016 contains three sections that highlight important characteristics related to your incoming first-year class. The first section of this report describes the background characteristics of your first-year students who responded to the survey. The second section contains the frequency distributions for all questions on the survey. Overall results for your institution are presented, as well as results by self-reported high school grades and first-generation status. The third section contains the overall institutional means for nine BCSSE Scales. These scales provide important information regarding high school engagement with quantitative reasoning and learning strategies, as well as expected first-year academic engagement and academic performance. Similar to the frequency distributions, the mean differences are also reported by high school grades and first-generation status. In total, this report provides your institution with the best estimates of your incoming first-year student academic characteristics.

#### **Student Comparisons**

As described above, your *BCSSE Institutional Report 2016* contains results by self-reported high school grades and first-generation status. The results are presented by student subgroup to better understand the diversity of student experiences within each campus. This allows you to effectively target important academic resources to the students who are in the most need. Though this report only examines group differences by high school grades and first-generation status, there are many other important subgroups to consider depending on the unique circumstances of your campus.

#### **BCSSE Reports**

Don't forget that this institutional report is one of two reports. BCSSE was designed as a companion to the National Survey of Student Engagement (NSSE). By participating in NSSE in the spring of 2017, you will also receive a *BCSSE 2016-NSSE 2017 Combined Report* that provides a detailed cross-sectional and longitudinal analysis of your first-year students.

#### Where to Find More Information

To see a sample of the *BCSSE-NSSE Combined Report*, go to: **bcsse.indiana.edu.** More information about NSSE, including this year's registration deadline, can be found at **nsse.indiana.edu.** 



#### **BCSSE 2016 Administration Details**

		Responder	
Number of Surveys Completed		<u>Count</u> 1111	100
		1111	100
Mode of Completion		_	
	Paper	0	(
	Web	1111	100
When Student Completed A	BCSSE		
	Prior to the start of fall term classes	1104	100
	During the first week of fall term classes	3	(
	After the first week of fall term classes	2	(
tudent Characteristics			
Enrollment Status			
	Full-time	1069	97
	Less than full-time	33	
Gender			
	Man	331	3
	Women	760	6
	Another gender identity	9	
	Prefer not to respond	4	(
Race/Ethnicity			
(Select all that apply)	American Indian or Alaska Native	2	(
	Asian	51	
	Black or African American	32	
	Hispanic or Latino	527	40
	Native Hawaiian or Other Pacific Islander	8	
	White	262	2
	Other	13	
	Multiracial	194	10
	I prefer not to respond	15	-
High School Graduation Y	'ear		
	2013 or earlier	2	(
	2014	1	(
	2015	10	
	2016	1096	9
First Generation Status b			
	Yes	767	70
	No	335	30
International or Foreign N	National Student		
-	Yes	32	
	No	1066	97

a. Student reported characteristics for all BCSSE 2016 respondents.

b. First generation is defined as no parent or guardian having graduated with a 4-year college degree.



# **BCSSE Institutional Report Frequency Distributions**



#### **Interpreting Frequency Results**

		3			5			Self-Rep	oorted ol grades	6	Fi	irst Gene	eration°	
					All Stude	nts	A- or hig	her	B+ or lo	wer	Yes	i	No	
	Variable	Scale	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%
15. During the coming school year, abou	ıt how often do you	expect to do	each of the following?											
a. Ask another student to help you	fyCLaskhlp	EXP_CL	Never		0	0	0	0	0	0	0	0	0	0
understand course material			Sometimes		32	27	34	40	19	54	32	34	15	60
			Often		49	41	43	51	11	31	49	51	7	28
	2		Very often		39	32	8	9	5	14	14	15	3	12
		4		Tota1	120	100	85	100	35	100	95	100	25	100
							•		7					8

- 1. *Variables*: The items from the BCSSE survey appear in the left column of the report with the same wording as they appear on the instrument.
- Variable Name: The variable name as it appears in the data file and codebook.
- BCSSE Scale: Indicates which scale includes this item (if applicable)
  - **HS\_QR**=Quantitative Reasoning
  - **HS\_LS**=Learning Strategies
  - **EXP\_CL**=Collaborative Learning
  - **EXP\_SFI**=Student-Faculty Interaction
  - **EXP\_DD**=Expected Discussions with Diverse Others
  - **EXP\_PER**=Expected Academic Perseverance
  - **EXP\_DIF**=Expected Academic Difficulty
  - **PER\_PREP**=Perceived Academic Preparation
  - IMP\_CAMP=Importance of Campus Environment

- 4. **Response options**: Presented as they appear on the survey.
- Institutional Level: Results for each item for the institution overall.
- 6. **Selected Student Comparisons**: Results for each item by self-reported high school grades and first-generation status.
- Count: The actual number of students who answered within each response category.
- 8. *Column Percentage* (%): The percentage of students responding to the particular option in each question.



							Self-Rep gh Schoo	orted ol grades	1	Fi	rst Gene	eration	
				All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes	i	No	
	Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%
When are you completing this survey? (Select only one.)	complete		Prior to the start of fall term classes	1,104	100	297	100	805	100	762	100	333	99
			During the first week of fall term classes	3	0	0	0	3	0	1	0	2	1
			After the first week of fall term classes	2	0	1	0	1	0	2	0	0	0
			Total	1,109	100	298	100	809	100	765	100	335	100
1. Please write in the year you	hgradyr		2013 or earlier	2	0	1	0	1	0	0	0	2	1
graduated from high school (for			2014	1	0	0	0	1	0	0	0	0	0
example, 2014):			2015	10	1	3	1	7	1	7	1	3	1
			2016	1,096	99	294	99	800	99	760	99	328	98
			Total	1,109	100	298	100	809	100	767	100	333	100
2. From which type of high school did	htype13		Public	1,006	91	270	91	735	91	710	93	289	87
you graduate? (Select only one.)			Private, religiously-affiliated	76	7	19	6	57	7	40	5	35	10
			Private, not religiously affiliated	9	1	4	1	5	1	4	1	5	1
			Home school	6	1	1	0	5	1	4	1	2	1
			Other (e.g., G.E.D.)	12	1	4	1	8	1	9	1	3	1
			Total	1,109	100	298	100	810	100	767	100	334	100
3. What were most of your high school	hgrades		C- or lower	0	0	0	0	0	0	0	0	0	0
grades?			С	24	2	0	0	24	3	17	2	7	2
(Select only one.)			C+	45	4	0	0	45	6	36	5	9	3
			B-	89	8	0	0	89	11	61	8	27	8
			В	407	37	0	0	407	50	297	39	110	33
			B+	246	22	0	0	246	30	176	23	68	20
			A-	140	13	140	47	0	0	89	12	49	15
			A	158	14	158	53	0	0	91	12	65	19
			Grades not used	0	0	0	0	0	0	0	0	0	0
			Total	1,109	100	298	100	811	100	767	100	335	100
4. To date, in which of the following math		earned a gr											
a. Algebra II	halg13		Selected	1,017	92	274	92	743	92	698	91	312	93
b. Pre-calculus/Trigonometry	hprecalc13		Selected	578	52	187	63	391	48	402	52	172	51
c. Calculus	hcalc13		Selected	160	14	77	26	83	10	110	14	50	15
d. Probability or Statistics	hstats13		Selected	287	26	74	25	213	26	194	25	91	27
5. Did you take the SAT or ACT?	hsatact		No	8	1	3	1	5	1	5	1	2	1



								Self-Rep sh Schoo	orted ol grades	1	Fi	rst Gene	eration <sup>a</sup>	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes	i	No	)
	Variable	Scale	Response Options	_	Count	%	Count	%	Count	%	Count	%	Count	9
		Yes		T . 1	1,098	99	294	99	804	99	760	99	333	99
D. I. COATEG		000	1	Total	1,106	100	297	100	809	100	765	100	335	100
Recode of SAT Composite Score variable sat_act into categories	sat_actr		or lower		395	40	83	<i>30</i>	312	43	333	49	62	20
variable sat_act into categories			1000		254	26	69 51	25	185	26	175	26	78 75	2:
			1-1100		172	17	51	19	121	17	97 50	14	75 52	2:
			1-1200		113	11	43	16	70	10	59	9	52	1
			1-1300		37	4	16	6	21	3	15	2	22	:
			1-1400		20	2	9	3	11	2	5	1	14	
		140	1-1600		5	1	3	1	2	0	2	0	3	
				Total	996	100	274	100	722	100	686	100	306	100
6. During high school, how many of the fo		classes did you cor	nplete?											
a. Advanced Placement (AP) classes	hapcl13	0			282	27	74	26	208	27	183	25	97	3
		1-2			412	39	97	34	315	41	305	41	107	3.
		3-4			229	22	69	24	160	21	165	22	62	2
		5-6			89	8	26	9	63	8	58	8	30	
		7-8			38	4	17	6	21	3	24	3	13	
		9-10	)		9	1	4	1	5	1	4	1	5	
		11 c	r more		5	0	2	1	3	0	3	0	2	
				Total	1,064	100	289	100	775	100	742	100	316	10
b. College or university courses for	hhonor13	0			519	66	149	70	370	64	345	62	171	7
credit		1-2			196	25	48	23	148	26	152	27	44	1
		3-4			31	4	4	2	27	5	28	5	3	
		5-6			16	2	4	2	12	2	11	2	5	
		7-8			4	1	1	0	3	1	4	1	0	(
		9-10	)		5	1	2	1	3	1	4	1	1	
		11 c	r more		16	2	4	2	12	2	9	2	7	
				Total	787	100	212	100	575	100	553	100	231	10
7. During your <i>last year</i> of high school, al	out how many p	apers, reports, or o	her writing tasks of the	following l	ength did y	ou comp	lete?							
a. Up to 5 pages	hWRshrt	Non			86	9	27	10	59	8	58	8	28	
		1-2			242	24	60	22	182	25	172	25	69	2.
		3-5			344	34	94	35	250	34	257	37	86	2
		6-10	)		190	19	50	19	140	19	121	17	67	2.
		11-1			66	7	16	6	50	7	43	6	21	
		16-2			31	3	6	2	25	3	16	2	15	



							:	Self-Rep	orted					
							Hig	h Scho	ol grades	;	Fi	rst Gene	eration <sup>a</sup>	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes	i	No	
	Variable	Scale	Response Options	_	Count	%	Count	%	Count	%	Count	%	Count	%
			More than 20 papers, etc.		51	5	15	6	36	5	26	4	25	8
				Total	1,010	100	268	100	742	100	693	100	311	100
b. Between 6 and 10 pages	hWRmd		None		303	35	85	35	218	35	203	34	99	35
			1-2		332	38	102	42	230	36	224	38	106	38
			3-5		158	18	37	15	121	19	110	19	47	17
			6-10		60	7	14	6	46	7	39	7	20	7
			11-15		13	1	4	2	9	1	11	2	2	1
			16-20		6	1	2	1	4	1	3	1	3	1
			More than 20 papers, etc.		4	0	1	0	3	0	2	0	2	1
			• •	Total	876	100	245	100	631	100	592	100	279	100
c. 11 pages or more	hWRlng		None		544	68	150	67	394	68	364	68	178	68
			1-2		190	24	49	22	141	24	124	23	65	25
			3-5		33	4	11	5	22	4	22	4	10	4
			6-10		10	1	2	1	8	1	9	2	1	0
			11-15		10	1	4	2	6	1	7	1	3	1
			16-20		6	1	4	2	2	0	5	1	1	0
			More than 20 papers, etc.		7	1	3	1	4	1	5	1	2	1
			1 1 /	Total	800	100	223	100	577	100	536	100	260	100
8. During your <i>last year</i> of high school,	about how many h	ours did you	a spend in a typical 7-day week do	oing each	of the foll	owing?								
a. Preparing for class (studying,	hacadpr13		0 hours per week		22	2	3	1	19	2	12	2	10	3
reading, doing homework, etc.)	•		1-5 hours per week		517	47	132	45	385	48	367	48	148	45
			6-10 hours per week		289	26	68	23	221	28	206	27	81	24
			11-15 hours per week		147	13	45	15	102	13	97	13	49	15
			16-20 hours per week		70	6	19	6	51	6	39	5	30	9
			21-25 hours per week		33	3	17	6	16	2	23	3	10	3
			26-30 hours per week		11	1	6	2	5	1	8	1	3	1
			More than 30 hours per week		9	1	5	2	4	0	8	1	1	0
				Total	1,098	100	295	100	803	100	760	100	332	100
b. Working for pay	hwork		0 hours per week		611	56	173	60	438	55	431	57	176	54
			1-5 hours per week		98	9	27	9	71	9	63	8	35	11
			6-10 hours per week		82	8	19	7	63	8	55	7	27	8
			11-15 hours per week		79	7	16	6	63	8	46	6	32	10
			16-20 hours per week		72	7	14	5	58	7	51	7	20	6
			21-25 hours per week		65	6	18	6	47	6	49	7	16	5

								Self-Rep h Schoo	orted ol grades		Fi	rst Gene	eration <sup>a</sup>	
					All Stude	nts	A- or hig	her	B+ or lo	wer	Yes		No	
	Variable	Scale	Response Options 26-30 hours per week	_	Count 44	% 4	Count 12	% 4	Count 32	% 4	Count 32	% 4	Count 12	% 4
			More than 30 hours per week	Total	31 1,082	3 100	7 286	2 100	24 796	3 100	24 751	3 100	7 325	2 100
c. Participating in co-curricular	hcocurr		0 hours per week		153	14	46	16	107	13	105	14	48	15
activities (organizations, school			1-5 hours per week		325	30	85	29	240	30	239	31	86	26
publications, student government,			6-10 hours per week		213	20	59	20	154	19	158	21	51	16
sports, etc.)			11-15 hours per week		162	15	49	17	113	14	101	13	60	18
			16-20 hours per week		109	10	28	9	81	10	65	9	43	13
			21-25 hours per week		41	4	6	2	35	4	27	4	14	4
			26-30 hours per week		24	2	6	2	18	2	20	3	4	1
			More than 30 hours per week		65	6	16	5	49	6	44	6	21	6
			•	Total	1,092	100	295	100	797	100	759	100	327	100
d. Relaxing and socializing (time with	hsocial13		0 hours per week		12	1	4	1	8	1	9	1	3	1
friends, video games, TV or videos,			1-5 hours per week		353	32	98	33	255	32	280	37	71	21
keeping up with friends online, etc.)			6-10 hours per week		283	26	85	29	198	25	190	25	91	27
			11-15 hours per week		170	16	34	12	136	17	109	14	61	18
			16-20 hours per week		107	10	30	10	77	10	64	8	41	12
			21-25 hours per week		64	6	19	6	45	6	43	6	21	6
			26-30 hours per week		28	3	7	2	21	3	12	2	16	5
			More than 30 hours per week		76	7	18	6	58	7	49	6	27	8
				Total	1,093	100	295	100	798	100	756	100	331	100
9. During your last year of high school,	hTMread14		Very little		201	18	49	16	152	19	134	18	67	20
of the time you spent preparing for			Some		442	40	127	43	315	39	300	39	140	42
class in a typical 7-day week, about			About half		263	24	71	24	192	24	180	24	80	24
how much was on assigned reading?			Most		147	13	42	14	105	13	110	14	36	11
			Almost all		48	4	8	3	40	5	36	5	12	4
			,	Total	1,101	100	297	100	804	100	760	100	335	100
10. During your <i>last year</i> of high school, al	bout how often d	id you do t	he following?											
a. Came to class without completing	hunprepard	-	Never		355	32	140	47	215	27	251	33	101	30
readings or assignments			Sometimes		604	55	132	44	472	58	427	56	176	53
			Often		88	8	14	5	74	9	49	6	37	11
			Very often		57	5	11	4	46	6	38	5	19	6
				Total	1,104	100	297	100	807	100	765	100	333	100
b. Prepared two or more drafts of a	hdrafting		Never		145	13	34	12	111	14	103	14	42	13
paper or assignment before turning	-		Sometimes		445	41	122	42	323	41	315	42	127	39



							;	Self-Rep	orted					
							Hig	h Scho	ol grades	;	Fi	rst Gene	eration	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes	i	No	
	Variable	Scale	Response Options	_	Count	%	Count	%	Count	%	Count	%	Count	%
it in			Often		360	33	97	34	263	33	243	32	115	35
			Very often		133	12	36	12	97	12	87	12	45	14
				Total	1,083	100	289	100	794	100	748	100	329	100
c. Reached conclusions based on your	hQRconclud	HS_QR	Never		108	10	25	9	83	10	81	11	27	8
own analysis of numerical			Sometimes		389	35	105	36	284	35	285	37	101	31
information (numbers, graphs,			Often		422	38	118	40	304	38	288	38	131	40
statistics, etc.)			Very often		178	16	46	16	132	16	108	14	70	21
				Total	1,097	100	294	100	803	100	762	100	329	100
d. Used numerical information to	hQRproblm	HS_QR	Never		162	15	34	12	128	16	123	16	39	12
examine a real-world problem or			Sometimes		407	37	124	42	283	35	292	38	114	34
issue (unemployment, climate			Often		343	31	89	30	254	32	227	30	112	34
change, public health, etc.)			Very often		186	17	45	15	141	17	119	16	66	20
				Total	1,098	100	292	100	806	100	761	100	331	100
e. Evaluated what others have	hQRevaluat	HS_QR	Never		177	16	41	14	136	17	132	17	44	13
concluded from numerical			Sometimes		475	43	125	42	350	44	331	44	143	44
information			Often		310	28	99	34	211	26	206	27	100	30
			Very often		130	12	30	10	100	13	89	12	41	13
				Total	1,092	100	295	100	797	100	758	100	328	100
f. Identified key information from	hLSreading	HS_LS	Never		18	2	1	0	17	2	14	2	4	1
reading assignments			Sometimes		203	19	51	17	152	19	155	21	47	14
			Often		464	43	127	43	337	43	316	42	144	44
			Very often		398	37	115	39	283	36	266	35	131	40
				Total	1,083	100	294	100	789	100	751	100	326	100
g. Reviewed your notes after class	hLSnotes	HS_LS	Never		62	6	11	4	51	6	36	5	26	8
			Sometimes		336	31	95	32	241	30	234	31	100	30
			Often		379	35	103	35	276	34	260	34	115	35
			Very often		321	29	85	29	236	29	230	30	91	27
			•	Total	1,098	100	294	100	804	100	760	100	332	100
h. Summarized what you learned in	hLSsummry	HS_LS	Never		72	7	12	4	60	8	54	7	17	5
class or from course materials	J	_	Sometimes		363	33	101	34	262	33	241	32	121	37
			Often		390	36	96	33	294	37	282	38	105	32
			Very often		260	24	85	29	175	22	172	23	87	26
			•	Total	1,085	100	294	100	791	100	749	100	330	100
i. Included diverse perspectives	hRIdivers		Never		81	7	16	5	65	8	65	9	16	5
r r								-		-				-



							Self-Rep sh Schoo	orted ol grades		Fi	rst Gen	eration <sup>a</sup>	
				All Stude	nts	A- or hig	gher	B+ or lo	wer	Yes	;	No	
	Variable	Scale Response Options	_	Count	%	Count	%	Count	%	Count	%	Count	%
(political, religious, racial/ethnic,		Sometimes		351	32	109	37	242	30	252	33	97	29
gender, etc.) in course discussions or		Often		342	31	88	30	254	32	236	31	104	31
assignments		Very often		324	30	83	28	241	30	207	27	115	35
			Total	1,098	100	296	100	802	100	760	100	332	100
j. Examined the strengths and	hRIownview	Never		57	5	15	5	42	5	44	6	13	4
weaknesses of your own views on a		Sometimes		327	30	90	31	237	30	225	30	101	30
topic or issue		Often		422	39	110	37	312	39	295	39	124	37
		Very often		288	26	80	27	208	26	191	25	95	29
			Total	1,094	100	295	100	799	100	755	100	333	100
k. Tried to better understand someone	hRIperspct	Never		45	4	14	5	31	4	34	4	11	3
else's views by imagining how an		Sometimes		252	23	74	25	178	22	178	24	73	22
issue looks from his or her		Often		415	38	113	39	302	38	287	38	124	38
perspective		Very often		379	35	91	31	288	36	258	34	120	37
			Total	1,091	100	292	100	799	100	757	100	328	100
11. During your high school years, how inv	volved were you i	n the following activities at your school	or elsewhere	?									
a. Performing or visual arts programs	hinvarts	Not at all		467	42	128	44	339	42	334	44	133	40
(band, chorus, theater, art, etc.)		Very little		192	17	61	21	131	16	128	17	64	19
		Some		136	12	33	11	103	13	92	12	43	13
		Quite a bit		101	9	22	8	79	10	74	10	25	7
		Very much		203	18	49	17	154	19	132	17	69	21
			Total	1,099	100	293	100	806	100	760	100	334	100
b. Athletic teams (varsity, JV, club	hinvathl	Not at all		376	34	117	40	259	32	278	37	96	29
sport, etc.)		Very little		91	8	24	8	67	8	64	8	24	7
		Some		133	12	29	10	104	13	93	12	40	12
		Quite a bit		128	12	29	10	99	12	83	11	45	14
		Very much		365	33	92	32	273	34	239	32	126	38
		•	Total	1,093	100	291	100	802	100	757	100	331	100
c. Student government	hstugov	Not at all		744	68	208	71	536	67	506	67	235	71
-	-	Very little		118	11	20	7	98	12	76	10	41	12
		Some		90	8	26	9	64	8	62	8	27	8
		Quite a bit		60	5	15	5	45	6	44	6	16	5
		Very much		80	7	24	8	56	7	67	9	13	4
		<b>,</b>	Total	1,092	100	293	100	799	100	755	100	332	100
d. Publications (student newspaper,	hinvpubs	Not at all		794	73	209	72	585	74	546	73	248	76

							,	Self-Rep	orted					
							Hig	h Schoo	ol grades	;	Fi	rst Gene	eration	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes	i	No	
	Variable	Scale	Response Options	_	Count	%	Count	%	Count	%	Count	%	Count	%
yearbook, etc.)			Very little		109	10	31	11	78	10	75	10	32	10
			Some		81	7	23	8	58	7	58	8	21	6
			Quite a bit		43	4	9	3	34	4	31	4	12	4
			Very much		58	5	20	7	38	5	42	6	15	5
				Total	1,085	100	292	100	793	100	752	100	328	100
e. Academic clubs or honor societies	hinvhon13		Not at all		492	45	101	35	391	49	336	45	156	47
			Very little		146	13	36	12	110	14	102	14	43	13
			Some		199	18	58	20	141	18	135	18	63	19
			Quite a bit		118	11	38	13	80	10	77	10	40	12
			Very much		133	12	57	20	76	10	103	14	28	8
				Total	1,088	100	290	100	798	100	753	100	330	100
f. Vocational clubs (business, health,	hinvvccl		Not at all		706	66	180	62	526	67	488	66	215	66
technology, etc.)			Very little		124	12	32	11	92	12	88	12	34	10
			Some		118	11	29	10	89	11	75	10	43	13
			Quite a bit		52	5	15	5	37	5	35	5	17	5
			Very much		74	7	33	11	41	5	55	7	19	6
				Total	1,074	100	289	100	785	100	741	100	328	100
g. Religious youth groups	hrelgrp		Not at all		731	68	203	70	528	67	513	69	214	65
			Very little		106	10	24	8	82	10	68	9	38	12
			Some		80	7	20	7	60	8	46	6	34	10
			Quite a bit		67	6	12	4	55	7	50	7	17	5
			Very much		94	9	30	10	64	8	69	9	24	7
				Total	1,078	100	289	100	789	100	746	100	327	100
h. Community service or volunteer	hvolntr		Not at all		109	10	28	9	81	10	73	10	36	11
work			Very little		135	12	29	10	106	13	90	12	44	13
			Some		247	22	62	21	185	23	167	22	80	24
			Quite a bit		268	24	79	27	189	24	175	23	91	27
			Very much		339	31	97	33	242	30	256	34	81	24
			•	Total	1,098	100	295	100	803	100	761	100	332	100
12. During your <i>last year</i> of high	hchallenge		1 Not at all		14	1	3	1	11	1	8	1	6	2
school, to what extent did your	_		2		19	2	9	3	10	1	15	2	4	1
courses challenge you to do your			3		87	8	18	6	69	9	50	7	36	11
best work?			4		211	19	43	15	168	21	136	18	73	22
			5		369	34	99	34	270	34	251	33	117	35
								-		-				

									Self-Rep	orted					
								Hig	h Schoo	ol grades	;	Fi	rst Gene	erationa	
						All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes	;	No	
	Variable	Scale		Response Options		Count	%	Count	%	Count	%	Count	%	Count	%
			6			240	22	70	24	170	21	179	24	60	18
			7 Ver	y much		154	14	52	18	102	13	118	16	36	11
					Total	1,094	100	294	100	800	100	757	100	332	100
13. During the coming school year, about l	how many hours	do you exp	ect to sp	end in a typical 7-day w	eek doing	each of the	followi	ng?							
a. Preparing for class (studying,	fyacadpr13		0 hou	rs per week		3	0	1	0	2	0	3	0	0	0
reading, writing, doing homework or			1-5 h	ours per week		87	8	25	8	62	8	62	8	25	8
lab work, analyzing data, rehearsing,			6-101	ours per week		218	20	56	19	162	20	159	21	59	18
and other academic activities)			11-15	hours per week		263	24	59	20	204	25	183	24	78	23
			16-20	hours per week		240	22	72	24	168	21	152	20	85	26
			21-25	hours per week		147	13	37	13	110	14	106	14	41	12
			26-30	hours per week		71	6	26	9	45	6	49	6	22	7
			More	than 30 hours per week		70	6	20	7	50	6	48	6	22	7
					Total	1,099	100	296	100	803	100	762	100	332	100
b. Working for pay on- or off-campus	fywork		0 hou	rs per week		213	19	63	21	150	19	141	19	70	21
			1-5 h	ours per week		155	14	45	15	110	14	104	14	50	15
			6-101	ours per week		215	20	62	21	153	19	136	18	79	24
			11-15	hours per week		171	16	37	13	134	17	115	15	56	17
			16-20	hours per week		185	17	42	14	143	18	142	19	42	13
			21-25	hours per week		89	8	23	8	66	8	67	9	21	6
			26-30	hours per week		40	4	12	4	28	3	32	4	8	2
			More	than 30 hours per week		27	2	10	3	17	2	22	3	5	2
					Total	1,095	100	294	100	801	100	759	100	331	100
c. Participating in co-curricular	fycocurr			rs per week		57	5	13	4	44	6	43	6	13	4
activities (organizations, campus			1-5 h	ours per week		334	31	96	33	238	30	241	32	92	28
publications, student government,			6-101	ours per week		325	30	92	31	233	29	220	29	104	31
fraternity or sorority, intercollegiate			11-15	hours per week		208	19	45	15	163	20	144	19	63	19
or intramural sports, etc.)			16-20	hours per week		97	9	27	9	70	9	63	8	33	10
			21-25	hours per week		42	4	11	4	31	4	28	4	14	4
			26-30	hours per week		15	1	5	2	10	1	9	1	6	2
			More	than 30 hours per week		15	1	4	1	11	1	9	1	6	2
					Total	1,093	100	293	100	800	100	757	100	331	100
d. Relaxing and socializing (time with	fysocial13			rs per week		12	1	4	1	8	1	10	1	2	1
friends, video games, TV or videos,				ours per week		386	35	108	37	278	35	307	40	77	23
keeping up with friends online, etc.)			6-101	ours per week		331	30	93	32	238	30	220	29	108	33



							:	Self-Rep	oorted					
							Hig	gh Scho	ol grades	;	Fi	rst Gene	eration	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes	;	No	
	Variable	Scale	Response Options	-	Count	%	Count	%	Count	%	Count	%	Count	%
			11-15 hours per week		183	17	42	14	141	18	113	15	70	21
			16-20 hours per week		97	9	32	11	65	8	55	7	42	13
			21-25 hours per week		45	4	7	2	38	5	29	4	16	5
			26-30 hours per week		18	2	5	2	13	2	11	1	7	2
			More than 30 hours per week		21	2	3	1	18	2	14	2	7	2
				Total	1,093	100	294	100	799	100	759	100	329	100
14. During the coming school year, of the	time you expect	to spend prep	paring for class in a typical 7-day	week, a	bout how m	any hou	rs will be or	n assigne	d reading	?				
	fyTMread		0 hours per week		6	1	0	0	6	1	5	1	1	0
			1-5 hours per week		233	21	59	20	174	22	164	21	69	21
			6-10 hours per week		369	33	100	34	269	33	259	34	109	33
			11-15 hours per week		232	21	59	20	173	21	151	20	77	23
			16-20 hours per week		144	13	38	13	106	13	100	13	44	13
			21-25 hours per week		63	6	16	5	47	6	46	6	17	5
			26-30 hours per week		26	2	14	5	12	1	14	2	12	4
			More than 30 hours per week		29	3	10	3	19	2	24	3	5	1
				Total	1,102	100	296	100	806	100	763	100	334	100
15. During the coming school year, about	how often do yo	u expect to do	each of the following?											
a. Ask another student to help you	fyCLaskhlp	EXP_CL	Never		8	1	2	1	6	1	7	1	1	0
understand course material			Sometimes		233	21	68	23	165	20	154	20	78	23
			Often		450	41	131	44	319	40	297	39	150	45
			Very often		411	37	95	32	316	39	305	40	105	31
				Total	1,102	100	296	100	806	100	763	100	334	100
b. Explain course material to one or	fyCLxplain	EXP_CL	Never		8	1	0	0	8	1	5	1	3	1
more students			Sometimes		405	37	87	30	318	40	276	37	127	38
			Often		471	43	146	50	325	41	326	43	143	43
			Very often		207	19	59	20	148	19	149	20	57	17
				Total	1,091	100	292	100	799	100	756	100	330	100
c. Prepare for exams by discussing or	fyCLstudy	EXP_CL	Never		7	1	1	0	6	1	6	1	1	0
working through course material			Sometimes		167	15	47	16	120	15	111	15	54	16
with other students			Often		421	38	125	42	296	37	276	36	144	43
			Very often		504	46	123	42	381	47	368	48	134	40
				Total	1,099	100	296	100	803	100	761	100	333	100
d. Work with other students on course	fyCLprojct	EXP_CL	Never		6	1	1	0	5	1	4	1	2	1
projects or assignments			Sometimes		187	17	59	20	128	16	126	17	60	18

# BCSSE beginning college survey of student engagement

## **BCSSE 2016 Frequency Distributions**

								Self-Rep	orted					
							Hig	gh Schoo	ol grades	;	Fi	rst Gene	eration <sup>a</sup>	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes		No	
	Variable	Scale		sponse Options	Count	%	Count	%	Count	%	Count	%	Count	%
			Often		453	41	121	41	332	42	303	40	147	44
			Very often		447	41	114	39	333	42	324	43	122	37
				Total	1,093	100	295	100	798	100	757	100	331	100
e. Talk about career plans with a	fySFcareer	EXP_SFI	Never		13	1	1	0	12	1	11	1	2	1
faculty member			Sometimes		286	26	91	31	195	24	180	24	105	32
			Often		418	38	105	36	313	39	281	37	134	40
			Very often		379	35	97	33	282	35	287	38	91	27
				Total	1,096	100	294	100	802	100	759	100	332	100
f. Work with a faculty member on	fySFothrwrk	EXP_SFI	Never		58	5	13	4	45	6	37	5	21	6
activities other than coursework			Sometimes		411	38	135	46	276	35	254	33	156	47
(committees, student groups, etc.)			Often		344	31	77	26	267	33	250	33	91	27
			Very often		282	26	70	24	212	27	218	29	63	19
				Total	1,095	100	295	100	800	100	759	100	331	100
g. Discuss your academic performance	fySFprform	EXP_SFI	Never		18	2	4	1	14	2	12	2	6	2
with a faculty member			Sometimes		324	30	105	36	219	27	195	26	129	39
			Often		409	37	106	36	303	38	287	38	117	35
			Very often		343	31	80	27	263	33	264	35	79	24
				Total	1,094	100	295	100	799	100	758	100	331	100
h. Discuss course topics, ideas, or	fySFdiscuss	EXP_SFI	Never		35	3	10	3	25	3	27	4	7	2
concepts with a faculty member			Sometimes		404	37	129	44	275	35	252	33	152	46
outside of class			Often		365	33	90	31	275	35	264	35	98	30
			Very often		288	26	66	22	222	28	214	28	73	22
				Total	1,092	100	295	100	797	100	757	100	330	100
i. Prepare two or more drafts of a	fydrafting		Never		26	2	8	3	18	2	19	3	7	2
paper or assignment before turning			Sometimes		245	22	73	25	172	21	157	21	86	26
it in			Often		445	41	118	40	327	41	302	40	142	43
			Very often		381	35	97	33	284	35	281	37	98	29
			•	Total	1,097	100	296	100	801	100	759	100	333	100
j. Come to class without completing	fyunprepard		Never		744	68	221	75	523	65	529	70	212	64
readings or assignments	2 1 1		Sometimes		226	21	47	16	179	22	141	19	84	25
			Often		47	4	11	4	36	4	30	4	16	5
			Very often		78	7	14	5	64	8	57	8	21	6
			-	Total	1,095	100	293	100	802	100	757	100	333	100
16 Denies the service selection should					,	200								

<sup>16.</sup> During the coming school year, about how often do you expect to have discussions with people from the following groups?



								Self-Rep th Schoo	orted ol grades		Fi	rst Gene	eration <sup>a</sup>	
				_	All Stude	nts	A- or hig	gher	B+ or lo	wer	Yes		No	
	Variable	Scale	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%
a. People of a race or ethnicity other	fyDVrace	EXP_DD	Never		13	1	1	0	12	1	12	2	1	0
than your own			Sometimes		90	8	19	6	71	9	76	10	14	4
			Often		357	33	97	33	260	32	256	34	98	30
			Very often		636	58	178	60	458	57	415	55	219	66
1 B 1 C	C DII	EUD DD	N7	Total	1,096	100	295	100	801	100	759	100	332	100
b. People from an economic	fyDVeconomc	EXP_DD	Never		17	2	2	1	15	2	14	2	2	1
background other than your own			Sometimes		103	9	25	8	78	10	85	11	18	5
			Often		374	34	101	34	273	34	259	34	113	34
			Very often	m . 1	600	55	167	57	433	54	400	53	198	60
				Total	1,094	100	295	100	799	100	758	100	331	100
c. People with religious beliefs other	fyDVreligion	EXP_DD	Never		24	2	5	2	19	2	21	3	2	1
than your own			Sometimes		137	13	34	12	103	13	110	15	27	8
			Often		369	34	105	36	264	33	259	34	106	32
			Very often		563	52	151	51	412	52	367	48	196	59
	CDII III I	EUD DD	N7	Total	1,093	100	295	100	798	100	757	100	331	100
d. People with political views other	fyDVpolitical	EXP_DD	Never		23	2	2	1	21	3	21	3	2	1
than your own			Sometimes		172	16	38	13	134	17	124	16	46	14
			Often		374	34	112	38	262	33	268	35	105	32
			Very often		524	48	142	48	382	48	343	45	179	54
				Total	1,093	100	294	100	799	100	756	100	332	100
17. During the coming school year, how	· · · · · · · · · · · · · · · · · · ·		-											
a. Study when there are other	cotherint	EXP_PER	1 Not at all certain		21	2	5	2	16	2	14	2	7	2
interesting things to do			2		57	5	12	4	45	6	34	4	23	7
			3		263	24	52	18	211	26	185	24	76	23
			4		346	32	91	31	255	32	247	33	98	30
			5		263	24	91	31	172	22	175	23	88	27
			6 Very certain		145	13	45	15	100	13	105	14	38	12
. =		EVID DED		Total	1,095	100	296	100	799	100	760	100	330	100
b. Find additional information for	cfindinfo	EXP_PER			1	0	0	0	1	0	1	0	0	0
course assignments when you don't			2		17	2	1	0	16	2	13	2	4	1
understand the material			3		87	8	20	7	67	8	58	8	28	9
			4		222	20	47	16	175	22	150	20	72	22
			5		355	33	115	39	240	30	238	31	116	35
			6 Very certain		409	37	111	38	298	37	298	39	109	33



								Self-Rep gh Schoo	orted ol grades	;	Fi	rst Gene	eration <sup>a</sup>	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes		No	
	Variable	Scale	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%
				Total	1,091	100	294	100	797	100	758	100	329	100
c. Participate regularly in course	ccourdis	EXP_PER	1 Not at all certain		15	1	4	1	11	1	11	1	4	1
discussions, even when you don't feel like it			2		91	8	21	7	70	9	61	8	30	9
leel like it			3		234	21	52	18	182	23	158	21	75	23
			4		298	27	91	31	207	26	203	27	94	28
			5		288	26	73	25	215	27	212	28	76	23
			6 Very certain		167	15	54	18	113	14	114	15	51	15
				Total	1,093	100	295	100	798	100	759	100	330	100
d. Ask instructors for help when you	caskinst	EXP_PER	1 Not at all certain		2	0	0	0	2	0	2	0	0	0
struggle with course assignments			2		13	1	3	1	10	1	11	1	2	1
			3		90	8	19	6	71	9	56	7	34	10
			4		165	15	38	13	127	16	106	14	59	18
			5		305	28	97	33	208	26	216	29	88	27
			6 Very certain		513	47	137	47	376	47	365	48	145	44
				Total	1,088	100	294	100	794	100	756	100	328	100
e. Finish something you have started	cfinish	EXP_PER	1 Not at all certain		4	0	0	0	4	1	3	0	1	0
when you encounter challenges			2		10	1	1	0	9	1	5	1	5	2
			3		91	8	20	7	71	9	73	10	18	5
			4		211	19	49	17	162	20	137	18	73	22
			5		381	35	114	39	267	34	264	35	116	35
			6 Very certain		394	36	110	37	284	36	276	36	116	35
				Total	1,091	100	294	100	797	100	758	100	329	100
f. Stay positive, even when you do	cstaypos	EXP_PER	1 Not at all certain		30	3	9	3	21	3	18	2	12	4
poorly on a test or assignment			2		58	5	11	4	47	6	35	5	23	7
			3		137	13	40	14	97	12	89	12	46	14
			4		233	21	70	24	163	20	161	21	72	22
			5		269	25	91	31	178	22	184	24	85	26
			6 Very certain		363	33	73	25	290	36	271	36	90	27
			·	Total	1,090	100	294	100	796	100	758	100	328	100
18. During the coming school year, how d	ifficult do you e	expect the follo	wing to be?							<del></del> -				
a. Learning course material	clearnma	EXP_DIF			17	2	4	1	13	2	11	1	6	2
5			2		45	4	10	3	35	4	26	3	19	6
			3		178	16	44	15	134	17	120	16	57	17
			4		391	36	110	37	281	35	269	35	120	36
			-		371		110	٥,	201		20)		120	20



							;	Self-Rep	orted					
							Hig	h Schoo	ol grades		Fi	rst Gen	eration <sup>a</sup>	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes	;	No	
	Variable	Scale	Response Options	_	Count	%	Count	%	Count	%	Count	%	Count	%
			5		319	29	88	30	231	29	229	30	90	27
			6 Very difficult		143	13	38	13	105	13	105	14	37	11
				Total	1,093	100	294	100	799	100	760	100	329	100
b. Managing your time	cmantime	EXP_DIF	1 Not at all difficult		15	1	7	2	8	1	7	1	8	2
			2		49	5	11	4	38	5	38	5	11	3
			3		135	12	32	11	103	13	95	13	38	12
			4		224	21	71	24	153	19	151	20	73	22
			5		315	29	82	28	233	29	207	27	107	33
			6 Very difficult		349	32	90	31	259	33	260	34	88	27
				Total	1,087	100	293	100	794	100	758	100	325	100
c. Paying college expenses	cpaycoll		1 Not at all difficult		70	6	22	8	48	6	24	3	46	14
			2		83	8	24	8	59	7	46	6	37	11
			3		130	12	35	12	95	12	73	10	55	17
			4		162	15	44	15	118	15	111	15	51	16
			5		209	19	52	18	157	20	150	20	59	18
			6 Very difficult		430	40	114	39	316	40	348	46	80	24
			·	Total	1,084	100	291	100	793	100	752	100	328	100
d. Getting help with school work	cgethelp	EXP_DIF	1 Not at all difficult		165	15	40	14	125	16	112	15	53	16
			2		286	26	73	25	213	27	194	26	92	28
			3		252	23	75	26	177	22	177	24	73	23
			4		216	20	57	20	159	20	141	19	75	23
			5		107	10	31	11	76	10	84	11	22	7
			6 Very difficult		54	5	16	5	38	5	44	6	9	3
			·	Total	1,080	100	292	100	788	100	752	100	324	100
e. Making new friends	cmakefr		1 Not at all difficult		280	26	66	22	214	27	193	25	87	27
<u> </u>			2		246	23	61	21	185	23	165	22	80	24
			3		217	20	58	20	159	20	156	21	59	18
			4		170	16	57	19	113	14	116	15	54	16
			5		99	9	30	10	69	9	67	9	32	10
			6 Very difficult		77	7	22	7	55	7	60	8	16	5
			• • • • • • • • • • • • • • • • • • •	Total	1,089	100	294	100	795	100	757	100	328	100
f. Interacting with faculty	cintfac	EXP_DIF	1 Not at all difficult		249	23	65	22	184	23	177	23	71	22
			2		256	23	71	24	185	23	169	22	86	26
			3		233	21	59	20	174	22	159	21	73	22
			-		233	21	37	20	1/-		137	21	13	

	S	Self-Rep	ported					
Hi	Hig	gh Scho	ol grade	es.	F	irst Gen	eration <sup>a</sup>	
A- or h	A- or hig	gher	B+ or le	ower	Ye	:S	No	,
% Count	Count	%	Count	%	Count	%	Count	
51	51	17	136	17	129	17	58	1
35	35	12	82	10	84	11	33	1
4 12	12	4	37	5	40	5	8	
293	293	100	798	100	758	100	329	10
plete?								
2 9		3	14	2	20	3	3	
8 24		9	59	8	58	8	24	
<del>23</del> 67	67	24	171	23	164	23	74	2
<del>28</del> 84	84	30	206	28	200	29	90	2
<u>18</u> 47	47	17	133	18	120	17	60	1
9 21	21	8	73	10	64	9	28	
28	28	10	86	12	73	10	40	1
280	280	100	742	100	699	100	319	10
1 3	3	1	11	1	9	1	5	
30	30	11	76	10	69	10	37	i
27 81	81	29	204	27	206	29	79	2
81 81	81	29	243	32	217	30	105	3
18 59	59	21	130	17	124	17	64	2
8 21	21	7	66	9	65	9	21	
4 6	6	2	39	5	32	4	13	
281	281	100	769	100	722	100	324	10
<i>5</i> 17	17	6	36	5	31	4	22	
8 <i>0</i> 87	87	31	222	29	212	29	96	3
<del>26</del> 74	74	26	202	27	175	24	100	3
<u>15</u> 44	44	15	117	15	115	16	44	1
33	33	12	72	10	78	11	27	
7 19	19	7	58	8	64	9	13	
6 11	11	4	50	7	44	6	17	
285	285	100	757	100	719	100	319	10
1 5		2	9	1	11	1	3	
3 7		2	26	3	23	3	10	
17 45		15	137	17	130	17	52	I
63	63	21	224	28	206	27	80	2
26			63 21	63 21 224	63 21 224 28	63 21 224 28 206	63 21 224 28 206 27	



							,	Self-Rep	orted					
							Hig	h Scho	ol grades		Fi	rst Gene	erationa	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes		No	,
	Variable	Scale	Response Options	_	Count	%	Count	%	Count	%	Count	%	Count	%
			5		326	30	104	35	222	28	220	29	106	32
			6 Very prepared		250	23	71	24	179	22	169	22	78	24
				Total	1,092	100	295	100	797	100	759	100	329	100
b. Speak clearly and effectively	fySGspeak	PER_PREP	1 Not at all prepared		18	2	5	2	13	2	13	2	5	2
			2		51	5	19	6	32	4	37	5	14	4
			3		189	17	49	17	140	18	132	17	57	17
			4		280	26	76	26	204	26	204	27	75	23
			5		306	28	83	28	223	28	218	29	88	27
			6 Very prepared		241	22	61	21	180	23	151	20	87	27
				Total	1,085	100	293	100	792	100	755	100	326	100
c. Think critically and analytically	fySGthink	PER_PREP	1 Not at all prepared		5	0	0	0	5	1	5	1	0	0
			2		31	3	8	3	23	3	30	4	1	0
			3		152	14	40	14	112	14	112	15	39	12
			4		322	30	80	27	242	31	226	30	96	29
			5		352	32	115	39	237	30	240	32	111	34
			6 Very prepared		222	20	52	18	170	22	141	19	79	24
				Total	1,084	100	295	100	789	100	754	100	326	100
d. Analyze numerical and statistical	fySGanalyze	PER_PREP	1 Not at all prepared		29	3	3	1	26	3	23	3	6	2
information			2		98	9	22	8	76	10	73	10	24	7
			3		217	20	53	18	164	21	153	20	63	19
			4		340	31	94	32	246	31	240	32	99	30
			5		263	24	91	31	172	22	175	23	88	27
			6 Very prepared		134	12	28	10	106	13	88	12	45	14
				Total	1,081	100	291	100	790	100	752	100	325	100
e. Work effectively with others	fySGothers	PER_PREP	1 Not at all prepared		2	0	0	0	2	0	2	0	0	0
			2		18	2	5	2	13	2	14	2	4	1
			3		66	6	15	5	51	6	45	6	21	6
			4		212	20	55	19	157	20	150	20	62	19
			5		380	35	114	39	266	34	268	35	111	34
			6 Very prepared		407	38	105	36	302	38	276	37	128	39
				Total	1,085	100	294	100	791	100	755	100	326	100
f. Use computing and information	cgncompt13	PER_PREP	1 Not at all prepared		15	1	4	1	11	1	13	2	2	1
technology			2		55	5	14	5	41	5	36	5	19	6
			3		135	13	36	12	99	13	99	13	36	11



							;	Self-Rep	orted					
							Hig	h Schoo	ol grades		Fi	rst Gene	eration <sup>a</sup>	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes	i	No	ı
	Variable	Scale	Response Options	_	Count	%	Count	%	Count	%	Count	%	Count	%
			4		274	25	81	28	193	25	197	26	74	23
			5		327	30	93	32	234	30	235	31	92	28
		(	6 Very prepared		274	25	65	22	209	27	170	23	103	32
				Total	1,080	100	293	100	787	100	750	100	326	100
g. Learn effectively on your own	cgninq	PER_PREP	Not at all prepared		11	1	5	2	6	1	9	1	2	i
		2	2		50	5	8	3	42	5	42	6	8	2
		3	3		175	16	35	12	140	18	131	17	43	1.
		4	4		317	29	85	29	232	29	224	30	93	29
		5	5		296	27	94	32	202	26	200	27	95	2
		(	6 Very prepared		233	22	65	22	168	21	148	20	83	2
				Total	1,082	100	292	100	790	100	754	100	324	10
1a. How many courses are you taking	fycourse	(	)		2	0	0	0	2	0	2	0	0	
for credit this fall term?		1	1		0	0	0	0	0	0	0	0	0	
		2	2		3	0	0	0	3	0	3	0	0	
		3	3		52	5	12	4	40	5	44	6	8	
		4	4		593	54	146	49	447	56	426	56	165	5
		4	5		140	13	45	15	95	12	90	12	50	1
		6	5		21	2	5	2	16	2	13	2	8	
		7	7 or more		53	5	12	4	41	5	40	5	13	
		Ţ	Uncertain		235	21	75	25	160	20	146	19	87	2
				Total	1,099	100	295	100	804	100	764	100	331	10
. Of these courses, how many are	fyonline	(	)		727	66	184	62	543	68	513	68	212	6
entirely online?		1	1		16	1	8	3	8	1	14	2	2	
		2	2		5	0	1	0	4	1	2	0	3	
		3	3		0	0	0	0	0	0	0	0	0	
		4	4		2	0	0	0	2	0	2	0	0	
		4	5		0	0	0	0	0	0	0	0	0	
		6	5		1	0	0	0	1	0	1	0	0	
		7	7 or more		1	0	0	0	1	0	1	0	0	
		Ţ	Uncertain		342	31	102	35	240	30	226	30	114	3
				Total	1,094	100	295	100	799	100	759	100	331	10
2. How important is it to you that your in	stitution provid	de each of the foll	owing?											
a. A challenging academic experience	fyacadexp	IMP_CAMP	1 Not important		25	2	3	1	22	3	18	2	7	
		2	2		44	4	10	3	34	4	23	3	20	

							:	Self-Rep	orted					
							Hig	h Schoo	ol grades		Fi	rst Gene	eration <sup>a</sup>	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes		No	i
	Variable	Scale	Response Options	_	Count	%	Count	%	Count	%	Count	%	Count	%
			3		224	20	59	20	165	21	160	21	64	19
			4		357	33	95	32	262	33	245	32	111	34
			5		249	23	76	26	173	22	176	23	72	22
			6 Very important		197	18	52	18	145	18	141	18	55	17
				Total	1,096	100	295	100	801	100	763	100	329	100
b. Support to help students succeed	fySEacad	IMP_CAMP	1 Not important		3	0	0	0	3	0	2	0	1	0
academically			2		1	0	0	0	1	0	0	0	1	0
			3		30	3	6	2	24	3	20	3	10	3
			4		93	9	21	7	72	9	68	9	24	7
			5		190	17	51	17	139	17	130	17	60	18
			6 Very important		773	71	217	74	556	70	538	71	232	71
				Total	1,090	100	295	100	795	100	758	100	328	100
c. Opportunities to interact with	fySEdiv	IMP_CAMP	1 Not important		16	1	2	1	14	2	12	2	4	1
students from different backgrounds			2		24	2	5	2	19	2	12	2	12	4
(social, racial/ethnic, religious, etc.)			3		81	7	26	9	55	7	55	7	25	8
			4		182	17	49	17	133	17	120	16	61	19
			5		256	24	79	27	177	22	175	23	80	25
			6 Very important		528	49	134	45	394	50	383	51	144	44
				Total	1,087	100	295	100	792	100	757	100	326	100
d. Help managing your non-academic	fySEnacad	IMP_CAMP	1 Not important		19	2	4	1	15	2	10	1	9	3
responsibilities (work, family, etc.)			2		46	4	14	5	32	4	29	4	16	5
			3		113	10	36	12	77	10	66	9	46	14
			4		206	19	49	17	157	20	134	18	72	22
			5		258	24	67	23	191	24	188	25	69	21
			6 Very important		453	41	124	42	329	41	335	44	117	36
				Total	1,095	100	294	100	801	100	762	100	329	100
e. Opportunities to be involved	fySEsoc	IMP_CAMP	1 Not important		8	1	2	1	6	1	7	1	1	0
socially			2		26	2	6	2	20	3	18	2	7	2
			3		90	8	31	11	59	7	63	8	26	8
			4		166	15	45	15	121	15	114	15	52	16
			5		320	29	91	31	229	29	214	28	106	32
			6 Very important		483	44	119	40	364	46	344	45	137	42
			· •	Total	1,093	100	294	100	799	100	760	100	329	100
f. Opportunities to attend campus	fySEact	IMP CAMP	1 Not important		9	1	2	1	7	1	8	1	0	0



								Self-Rep sh Schoo	orted ol grades	;	Fi	rst Gene	eration <sup>a</sup>	
					All Stude	nts	A- or hig	gher	B+ or lo	wer	Yes	:	No	
	Variable	Scale	Response Options	_	Count	%	Count	%	Count	%	Count	%	Count	%
activities and events			2		26	2	8	3	18	2	14	2	12	4
			3		82	8	24	8	58	7	60	8	22	7
			4		184	17	49	17	135	17	135	18	48	15
			5		288	27	90	31	198	25	192	25	96	30
			6 Very important		489	45	116	40	373	47	344	46	143	45
				Total	1,078	100	289	100	789	100	753	100	321	100
g. Learning support services (tutoring	fySEserv	IMP_CAMP	1 Not important		4	0	0	0	4	1	3	0	1	0
services, writing center, etc.)			2		12	1	1	0	11	1	6	1	6	2
			3		46	4	11	4	35	4	32	4	14	4
			4		115	11	32	11	83	11	76	10	38	12
			5		230	21	62	21	168	21	152	20	77	23
			6 Very important		678	62	189	64	489	62	483	64	193	59
				Total	1,085	100	295	100	790	100	752	100	329	100
23. Which of the following sources are you	using to pay	your education e	xpenses (tuition, fees, books,	room & b	oard, etc.)?	_								
a. Support from parents or relatives	fyparents		Using		809	76	229	79	580	75	514	70	292	90
			Not using		121	11	28	10	93	12	103	14	18	6
			Not sure		136	13	33	11	103	13	120	16	15	5
				Total	1,066	100	290	100	776	100	737	100	325	100
b. Loans	fyloans		Using		518	49	113	40	405	53	390	53	126	41
			Not using		269	26	88	31	181	24	159	22	108	35
			Not sure		265	25	81	29	184	24	190	26	75	24
				Total	1,052	100	282	100	770	100	739	100	309	100
c. Grants or scholarships	fygrants		Using		678	64	185	64	493	64	540	72	137	44
			Not using		208	20	52	18	156	20	108	14	97	31
			Not sure		178	17	53	18	125	16	100	13	78	25
				Total	1,064	100	290	100	774	100	748	100	312	100
d. Job or personal savings	fyjob		Using		677	65	162	57	515	67	495	68	181	57
			Not using		175	17	52	18	123	16	101	14	72	23
			Not sure		197	19	71	25	126	16	133	18	63	20
				Total	1,049	100	285	100	764	100	729	100	316	100
e. Other	fyother		Using		153	20	40	19	113	21	113	22	40	16
			Not using		251	33	65	31	186	34	164	32	84	34
			Not sure		356	47	105	50	251	46	234	46	121	49
				Total	760	100	210	100	550	100	511	100	245	100

							;	Self-Rep	orted					
							Hig	gh Schoo	ol grades	;	Fi	rst Gene	eration <sup>a</sup>	
					All Stude	nts	A- or hi	gher	B+ or lo	wer	Yes		No	
		Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%
	What do you expect most of your	fygrades		C- or lower	2	0	0	0	2	0	2	0	0	0
_	rades will be during the coming			С	15	1	1	0	14	2	11	1	3	1
У	ear? (Select only one.)			C+	31	3	4	1	27	3	26	3	5	1
				B-	103	9	9	3	94	12	68	9	35	10
				В	335	30	67	23	268	33	244	32	89	27
				B+	261	24	76	26	185	23	174	23	86	26
				A-	224	20	103	35	121	15	140	18	83	25
				A	134	12	35	12	99	12	100	13	34	10
				Grades not used	1	0	0	0	1	0	1	0	0	0
				Total	1,106	100	295	100	811	100	766	100	335	100
25. I	Oo you expect to graduate from this	fyintgrad		No	22	2	4	1	18	2	18	2	4	1
i	nstitution?			Yes	935	85	261	88	674	84	646	85	284	85
				Uncertain	145	13	31	10	114	14	100	13	45	14
				Total	1,102	100	296	100	806	100	764	100	333	100
26. I	Oo you know what your major will	fymajor		No	200	18	37	13	163	20	141	18	58	17
b	e?			Yes, specify:	903	82	258	87	645	80	624	82	275	83
				Total	1,103	100	295	100	808	100	765	100	333	100
F	Recoded variable fymajcode into	fymajrcol		Arts & Humanities	69	8	16	6	53	8	43	7	26	10
C	ne of 12 major categories listed at	•		Biological Sciences, Agriculture, &	151	1.7	50	20	101	16	106	17	4.5	1.7
r	ight			Natural Resources	151	17	50	20	101	16	106	17	45	17
				Physical Sciences, Mathematics, &	75	8	23	9	52	8	38	6	36	13
				Computer Science	13	O	23	9	32	O	36	U	30	13
				Social Sciences	163	18	39	15	124	19	125	20	36	13
				Business	106	12	29	11	77	12	77	12	29	11
				Communications, Media & Public Relations	21	2	5	2	16	3	14	2	7	3
				Education	19	2	6	2	13	2	15	2	4	1
				Engineering	3	0	1	0	2	0	0	0	3	1
				Health Professions	234	26	70	27	164	26	171	28	63	23
				Social Service Professions	11	1	3	1	8	1	9	1	2	1
				All Other	41	5	13	5	28	4	21	3	19	7
				Undecided/undeclared	0	0	0	0	0	o	0	0	0	Ó
				Total	893	100	255	100	638	100	619	100	270	100
27. 4	are you (or will you be) a full-time			No	33	3	8	3	25	3	21	3	12	4
	tudent this fall term?	fyfulltime		Yes	1,069	97	286	97	783	97	742	97	322	96
	value awar veralla			- •0	1,007	- //	200	//	103	//	,74	//	344	70



							Self-Re	oorted					
						Hi	gh Scho	ol grades	5	Fi	rst Gene	eration <sup>a</sup>	
				All Stu	dents	A- or h	igher	B+ or lo	wer	Yes	i	No	
	Variable	Scale	Response Options	Count		Count	%	Count	%	Count	%	Count	%
			Tota	1,102	100	294	100	808	100	763	100	334	100
28. How many of your close friends will	fyfriends	]	None	565		127	43	438	54	370	48	192	57
attend this college during the			1	238		67	23	171	21	176	23	62	19
coming year?		2	2	146		51	17	95	12	101	13	44	13
		3	3	77	7	29	10	48	6	57	7	20	6
		4	4 or more	79	7	21	7	58	7	63	8	16	5
			Tota	1,105	100	295	100	810	100	767	100	334	100
29. This institution was your:	fychoice	]	First choice	484	44	155	53	329	41	337	44	144	43
		:	Second choice	386	35	87	29	299	37	266	35	120	36
		•	Third choice	142	. 13	30	10	112	14	103	13	39	12
		]	Fourth choice	42	. 4	12	4	30	4	27	4	15	5
		]	Fifth choice or lower	47	4	11	4	36	4	31	4	15	5
			Tota	1,101	100	295	100	806	100	764	100	333	100
30. What is your gender identity?	fygender	]	Man	331	30	73	25	258	32	201	26	130	39
		,	Women	760	69	219	74	541	67	561	73	196	59
			Another gender identity	9	1	2	1	7	1	3	0	6	2
		]	Prefer not to respond	4	0	1	0	3	0	1	0	2	1
			Tota	1,104	100	295	100	809	100	766	100	334	100
31. Are you an international student or	fyinternat	]	No	1,066	97	283	97	783	97	738	97	325	98
foreign national?		•	Yes	32	. 3	10	3	22	3	24	3	8	2
			Tota	1,098	100	293	100	805	100	762	100	333	100
32. What is your racial or ethnic identificat	ion?												
(recoded as mutually exclusive with	FYrace		American Indian or Alaska Native	2	. 0	2	1	0	0	1	0	1	0
adduition of multiracial variable)			Asian	51	5	22	7	29	4	20	3	30	9
		]	Black or African American	32		6	2	26	3	25	3	7	2
		]	Hispanic or Latino	527		108	37	419	52	475	62	52	16
			Native Hawaiian or Other Pacific				_						
			Islander	8	1	2	1	6	1	6	1	2	1
		•	White	262	24	92	31	170	21	118	15	143	43
		]	Multiracial	194		54	18	140	17	107	14	85	25
		(	Other	13		3	1	10	1	8	1	5	1
		]	prefer not to respond	15		6	2	9	1	6	1	9	3
33. What is the highest level of	fypardegr		Did not finish high school	236		60	20	176	22	236	31	0	0
education completed by either of	7F8-		High school diploma or G.E.D.	303		54	18	249	31	303	40	0	0
· · · · ·		1	ingli selloof dipionia of G.E.D.	303		5-1	10	277	31	303	70	Ü	U

# BCSSE beginning college survey of student engagement

## **BCSSE 2016 Frequency Distributions**

Heat Catalana and an annual an annual and an annual an ann					
High School grades		F	irst Gen	eration <sup>a</sup>	
All Students A- or higher B+ or lowe	r	Ye	:S	No	
Variable Scale Response Options Count % Count % Count	% Cour	Count	%	Count	%
your parents (or those who raised you)?  Attended college but did not complete degree  133 12 41 14 92	11 13	133	17	0	0
Associate's degree (A.A., A.S., etc.) 95 9 25 9 70	9 9	95	12	0	0
Bachelor's degree (B.A., B.S., etc.) 208 19 70 24 138	17	0	0	208	62
Master's degree (M.A., M.S., etc.) Doctoral or professional degree	8	0	0	98	29
(Ph.D., J.D., M.D., etc.) 29 3 10 3 19		0	0	29	9
		767	100	335	100
34. In driving time, about how far is this fydistanc Less than 1 hour 356 32 141 48 215	27 23	231	30	124	37
institution from the home where you At least 1, less than 2 hours 344 31 72 24 272	<i>34</i> 25	255	33	87	26
lived during your last year of high school?  At least 2, less than 4 hours  261 24 50 17 211	26 19	192	25	68	20
At least 4, less than 6 hours 65 6 15 5 50	6 4	41	5	24	7
At least 6, less than 8 hours 69 6 13 4 56	7 3	39	5	30	9
8 hours or more 10 1 4 1 6	1	8	1	2	1
Total 1,105 100 295 100 810	100 76	766	100	335	100
35 Which of the following best fyliving Dormitory or other campus describes where you will be (or are)  Dormitory or other campus housing  729 66  153 52 576	71 49	495	65	231	69
living during the coming school year?  Residence (house, apartment, etc.) within walking distance to campus  26 2 9 3 17	2 2	22	3	4	1
Residence (house, apartment, etc.) farther than walking distance to campus  285 26 113 38 172	<i>21</i> 19	195	25	89	27
None of the above 63 6 19 6 44	5 5	54	7	9	3
		766	100	333	100

<sup>&</sup>lt;sup>a</sup> First generation is defined as no parent or guardian having graduated with a 4-year college degree.



# BCSSE Institutional Report Mean Scale Scores and Selected Student Comparisons California State University-Channel Islands



# **Selected Student Comparisons** *Interpreting Mean Results*

•	2		4			Self-Repo		5	First-	ゝ Generatio	n <sup>d</sup> Com	parisons
BCSSE Scales <sup>a</sup>	7	↓ AI	Student	s	Me	eans		of mean erences	M	eans		of mean erences
DC55E 5cales	Variable	Mean	SD	N	A- or higher	B+ or lower	Sig	Effect size c	FG	Non-FG	Sigb	Effect size c
Quantitative Reasoning High school engagement with analysis and numerical information	HS_QR	32.01	14.12	110	32.50	29.99	7	.17	31.50	29.25		.12

- 1. *Scale*: The BCSSE Scale appears in the left column of the report.
- Variable Name: The variable name as it appears in the data file and codebook.
- Mean: The unweighted scale mean is reported overall for the institution, as well as by high school grades and first-generation status.
- Institutional Level: Results for each item for the institution overall.
- 5. *Selected Student Comparisons*: Results for each item by self-reported high school grades and first-generation status.
- 6. Statistical Significance: Items with mean differences that are larger than would be expected by chance alone are noted with one, two, or three asterisks, referring to three significance levels (p<.05, p<.01, and p<.001). The smaller the significance level, the smaller the likelihood that the difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. It is recommended to consult effect sizes to judge the practical meaning of the results.
- 7. *Effect size*: Indicates the "practical significance" of the mean difference. It is calculated by dividing the mean difference by the pooled standard deviation. In practice, an effect size of .2 is often considered small, .5 moderate, and .8 large.



# Selected Student Comparisons California State University-Channel Islands

					Self-Reported High School grades				First-Generation Comparisons			
		All Students			Means		Tests of mean differences		Means		Tests of mean differences	
BCSSE Scales <sup>a</sup>	Variable	Mean	SD	N	A- or higher	B+ or lower	Sig b	Effect size <sup>c</sup>	FG	Non-FG	Sig b	Effect size c
Quantitative Reasoning  High school engagement with analysis and numerical information	HS_QR	30.17	14.63	1,006	30.35	30.10		.02	29.35	32.07	**	19
Learning Strategies Use of effective learning strategies in high school	HS_LS	38.71	13.08	1,006	40.07	38.20	*	.14	38.66	38.89		02
Collaborative Learning  Expectation to interact and collaborate with peers	EXP_CL	42.48	11.50	1,006	42.46	42.49		.00	43.11	41.01	**	.19
Student-Faculty Interaction  Expectation to interaction and engage with faculty	EXP_SFI	38.27	14.24	1,006	36.53	38.93	*	17	39.62	35.14	***	.32
Expected Discussions with Diverse Others  Expectation to engage in discussions with diverse others	EXP_DD	47.73	13.39	1,006	48.76	47.35		.11	46.78	50.08	***	26
Expected Academic Perseverance Student certainty that they will persist in the face of academic adversity	EXP_PER	43.78	9.46	1,006	44.70	43.43	*	.14	44.10	42.97		.12
Expected Academic Difficulty  Expected academic difficulty during the first year of college	EXP_DIF	32.15	10.77	1,006	32.27	32.11		.01	32.47	31.36		.10
Perceived Academic Preparation												



# **BCSSE 2016 Mean Scale Scores and**

# **Selected Student Comparisons**California State University-Channel Islands

					Self-Reported High School grades				First-Generation <sup>d</sup> Comparisons			
		All Students			Means		Tests of mean differences		Means		Tests of mean differences	
BCSSE Scales <sup>a</sup>	Variable	Mean	SD	N	A- or higher		Sig b	Effect size c	FG	Non-FG	Sig <sup>b</sup>	Effect size c
Student perception of their academic preparation	PER_PREP	41.96	9.99	1,006	42.69	41.68		.10	41.46	43.04	*	16
Importance of Campus Environment												
Student-rated importance that the institution provides a challenging and supportive environment	IMP_CAMP	48.19	9.38	1,006	48.17	48.20		.00	48.64	47.22	*	.15

<sup>&</sup>lt;sup>a</sup> Scale scores are expressed in 0 (minimum) to 60 (maximum) point scales. See the following page for complete scale descriptions and component items.

<sup>&</sup>lt;sup>b</sup> T-test results (2-tailed): \* p<.05, \*\* p<.01, \*\*\* p<.001. The smaller the significance level, the less likely that the difference is due to chance.

<sup>&</sup>lt;sup>c</sup> Effect size is the mean difference divided by pooled standard deviation. It indicates the practical significance of the mean difference (effect size .2 is often considered small, .5 is moderate, and .8 is large).

<sup>&</sup>lt;sup>d</sup> First generation is defined as no parent or guardian having graduated with a 4-year college degree.



# **BCSSE 2016 Mean Scale Scores and Selected Student Comparisons**

#### **BCSSE Scales**

BCSSE Scales scores were calculated by converting the responses for each item to a 0-60 range. A mean scale score was then calculated for each student. Below is a brief description of each scale with the component BCSSE items in parentheses.

Scale name	Description	Scale items						
Quantitative Reasoning (HS_QR)	High school engagement with analysis and numerical information	hQRconclud, hQRproblm, hQRevaluat						
Learning Strategies (HS_LS)	Use of effective learning strategies in high school.	hLSreading, hLSnotes, hLSsummry						
Collaborative Learning (EXP_CL)	Expectation to interact and collaborate with peers	fyCLaskhlp, fyCLxplain, fyCLstudy, fyCLprojct						
Student-Faculty Interaction (EXP_SFI)	Expectation to interact and engage with faculty	fySFcareer, fySFothrwrk, fySFprform, fySFdiscuss						
Discussions with Diverse Others (EXP_DD)	Expectation to engage in discussions with diverse others	fyDVrace, fyDVeconomc, fyDVreligion, fyDVpolitical						
Academic Perseverance (EXP_PER)	Student certainty that they will persist in the face of academic adversity	cotherint, cfindinfo, ccourdis, caskinst, cfinish, cstaypos						
Academic Difficulty (EXP_DIF)	Expected academic difficulty during the first year of college	clearnma, cmantime, cgethelp, cintfac						
Perceived Academic Preparation (PER_PREP)	Student perception of their academic preparation	fySGwrite, fySGspeak, fySGthink, fySGanalyze, fySGothers, cgncompt13, cgninq						
Importance of Campus Environment (IMP_CAMP)	Student-rated importance that the institution provides a challenging and supportive environment	fyacadexp, fySEacad, fySEdiv, fySEnacad, fySEsoc, fySEact, fySEserv						