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# BCSSE 2020

## First-Year Student Institutional Report

California State University-Channel Islands

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**Please note:** The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

#### **First-year students were recent high school graduates who met one of the following criteria:**

- All paper survey respondents regardless of high school graduation year.
- Web respondents who graduated high school in 2020.
- Web respondents who graduated high school in 2019 or 2018 and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2019 or 2018 and did attend another institution since graduating high school and expects to transfer 11 or fewer credits.

#### **Transfer students were those respondents who met the following criteria:**

- All web respondents who attended a college or university after graduation from high school, expects to transfer 12 or more credits, and graduated high school prior to the current year.

#### **Older students were those respondents who met one of the following criteria:**

- Web respondents who graduated high school in 2017 or earlier and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2017 or earlier and did attend another institution since graduating high school and expects to transfer 11 or fewer credits.

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**BCSSE 2020**  
**First-Year Student Respondent Profile**  
California State University-Channel Islands


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# Respondent Profile

## About This Report

The *Respondent Profile* presents overall student demographic information, as well as by first-generation status and high school grades. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website ([bcse.indiana.edu](https://bcse.indiana.edu)) or contact your BCSSE Project Services team.

- Student status:** As reported by your students.
- Item numbers:** Numbering corresponds to the survey facsimile and codebook available on the BCSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
- Response options:** Response options are worded as they appear on the instrument (except where abbreviations are used for formatting purposes).
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the percentage of students selecting the corresponding response option. Percentages may not sum to 100 due to rounding.



### Respondent Profile

BCSSEville State University

**First-Year Students**

Item wording or description	Variable name	Response options	All Students		First-Generation*				Self-Reported HS Grades			
			Count	%	Yes	No	A- or Higher	B+ or Lower	Count	%	Count	%
28. This institution was your:	ccchoice1?	First choice Second choice Third choice or lower Total	969 222 39 1230	79 18 3 100	534 124 25 683	78 18 3 100	434 97 14 545	80 18 3 100	587 117 18 722	81 16 2 100	378 104 21 503	75 21 4 100
29. What is your gender identity?	cggender	Man Woman Another gender identity I prefer not to respond Total	599 622 5 7 1233	49 50 0 1 100	327 349 5 5 686	48 51 1 1 100	272 272 0 1 545	50 50 0 1 100	299 419 3 4 725	41 58 0 1 100	297 201 2 3 503	59 40 0 1 100
30. Are you an international student or foreign national?	cinernat	No Yes Total	1212 15 1227	99 1 100	673 9 682	99 1 100	537 6 543	99 1 100	712 10 722	99 1 100	495 5 500	99 1 100
31. How would you describe yourself? (Select all that apply)	re_race	American Indian or Alaska Native Asian Black or African American Hispanic or Latino Middle Eastern or North African Native Hawaiian or Other Pacific Islander White Another race or ethnicity Multiracial I prefer not to respond Total	8 10 80 74 0 1 943 3 95 10 1233	1 1 7 6 0 0 76 0 8 1 100	2 6 68 70 0 1 473 2 58 6 686	0 1 10 10 0 0 69 0 8 1 100	6 4 21 4 0 0 469 1 37 3 545	1 1 4 1 0 0 86 0 7 1 100	6 7 24 3 0 0 605 0 54 4 724	1 1 3 3 0 0 84 0 7 1 100	1 1 13 10 0 0 66 1 8 1 504	0 1 13 10 0 0 66 1 8 1 100

### First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades				
			Count	%	Yes		No		A- or Higher		B+ or Lower		
					Count	%	Count	%	Count	%	Count	%	
<b>Number of Surveys Completed</b>	bmodecmp												
Mode of completion		Paper	0	0									
		Web	603	100									
		Total	603	100									
<b>1. Please indicate the year you graduated from high school:</b>													
	hgradyr	Prior to 2017	0	0	0	0	0	0	0	0	0	0	0
		2017	0	0	0	0	0	0	0	0	0	0	0
		2018	1	0	0	0	1	0	1	0	0	0	0
		2019	8	1	5	1	3	1	0	0	8	2	
		2020	594	99	384	99	204	98	275	100	317	98	
		Total	603	100	389	100	208	100	276	100	325	100	
<b>W1. Since graduating from high school, which of the following have you done? (Select all that apply.)</b>													
(Online survey respondents only. The paper survey did not include this item.)	tattend	Attend another college or university	0	0	0	0	0	0	0	0	0	0	0
	tmilitary	Military service	0	0	0	0	0	0	0	0	0	0	0
	twork_ft	Work full-time	3	33	2	40	1	25	1	100	2	25	
	twork_pt	Work part-time	6	67	2	40	4	100	1	100	5	63	
	thome	Homemaker or stay at home spouse	0	0	0	0	0	0	0	0	0	0	0
	tvolunteer	Volunteer	3	33	2	40	1	25	1	100	2	25	
	tsinceoth	Other	1	11	0	0	1	25	1	100	0	0	
<b>W2. Since graduating from high school, which of the following types of schools have you attended other than this institution? (Select all that apply.)</b>													
(Online survey respondents only. The paper survey did not include this item.)	tattend_voc	Vocational or technical school	0	0	0	0	0	0	0	0	0	0	0
	tattend_com	Community or junior college	0	0	0	0	0	0	0	0	0	0	0
	tattend_col	4-year college or university other than this one	0	0	0	0	0	0	0	0	0	0	0
	tattend_other	Other	0	0	0	0	0	0	0	0	0	0	0
<b>W3. About how many credits do you expect to transfer to this institution?</b>													
(Online survey respondents only. The paper survey did not include this item.)	trnsfr_cr	0	0	0	0	0	0	0	0	0	0	0	0
		1-11	0	0	0	0	0	0	0	0	0	0	0
		12-30	0	0	0	0	0	0	0	0	0	0	0
		31-45	0	0	0	0	0	0	0	0	0	0	0
		46-60	0	0	0	0	0	0	0	0	0	0	0
		More than 60	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	0	0	0	0	0

### First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades				
			Count	%	Yes		No		A- or Higher		B+ or Lower		
					Count	%	Count	%	Count	%	Count	%	
<b>2. From which type of high school did you graduate? (Select only one.)</b>													
	htype13	Public	480	94	322	96	153	89	216	93	263	94	
		Private, religiously-affiliated	17	3	6	2	11	6	7	3	10	4	
		Private, not religiously affiliated	2	0	0	0	2	1	0	0	2	1	
		Home school	9	2	4	1	5	3	5	2	4	1	
		Other (e.g., G.E.D.)	5	1	5	1	0	0	4	2	1	0	
		Total	513	100	337	100	171	100	232	100	280	100	
<b>3. What were most of your high school grades? (Select only one.)</b>													
	hgrades17	C- or lower	0	0	0	0	0	0	0	0	0	0	
		C	3	0	2	1	1	0	0	0	3	1	
		C+	14	2	10	3	4	2	0	0	14	4	
		B-	27	4	19	5	8	4	0	0	27	8	
		B	152	25	95	24	57	27	0	0	152	47	
		B+	129	21	80	21	48	23	0	0	129	40	
		A-	105	17	61	16	42	20	105	38	0	0	
		A	159	26	112	29	46	22	159	58	0	0	
		A+	12	2	10	3	2	1	12	4	0	0	
		Grades not used	1	0	0	0	0	0	0	0	0	0	
		Total	602	100	389	100	208	100	276	100	325	100	
<b>4. To date, in which of the following math classes have you earned a grade of "C" or better? (Select all that apply.)</b>													
	halg13	Algebra II	485	84	301	81	179	90	217	83	267	86	
	hprecalc13	Pre-calculus/Trigonometry	299	52	187	50	111	56	155	59	144	46	
	healc13	Calculus	86	15	55	15	31	16	55	21	31	10	
	hstats13	Probability or Statistics	162	28	93	25	67	34	83	32	79	25	
<b>5. If you completed the SAT and/or ACT, please enter your scores below (as best you remember):</b> <i>(Recorded SAT and ACT composite created by BCSSE.)</i>													
	sat_act17r	900 or lower	99	18	78	22	20	10	35	14	64	21	
		901 - 1000	104	19	80	22	24	12	44	17	60	20	
		1001 - 1100	171	31	109	31	60	30	75	29	95	32	
		1101 - 1200	115	21	62	17	53	27	60	23	55	18	
		1201 - 1300	40	7	18	5	22	11	27	11	13	4	
		1301 - 1400	22	4	6	2	16	8	11	4	11	4	
		1401 - 1600	7	1	3	1	4	2	5	2	2	1	
		Total	558	100	356	100	199	100	257	100	300	100	

### First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>22. Which of the following sources are you using to pay for your education expenses (tuition, fees, books, room &amp; board, etc.)? For each, tell us if you are using, not using, or not sure.</b>												
Support from parents or relatives	cparents	Using	416	70	232	61	183	88	185	69	230	72
		Not using	85	14	74	19	11	5	45	17	40	13
		Not sure	90	15	77	20	13	6	40	15	50	16
		Total	591	100	383	100	207	100	270	100	320	100
Loans	cloans	Using	162	28	96	25	66	32	66	24	96	30
		Not using	215	37	136	36	78	38	102	38	112	35
		Not sure	211	36	150	39	61	30	102	38	109	34
		Total	588	100	382	100	205	100	270	100	317	100
Grants or scholarships	cgrants	Using	366	62	285	74	80	39	182	67	183	57
		Not using	98	17	37	10	61	29	33	12	65	20
		Not sure	129	22	63	16	66	32	56	21	73	23
		Total	593	100	385	100	207	100	271	100	321	100
Employment on- or off-campus	cjob	Using	303	51	209	54	94	45	136	50	167	52
		Not using	78	13	37	10	40	19	33	12	44	14
		Not sure	212	36	139	36	73	35	103	38	109	34
		Total	593	100	385	100	207	100	272	100	320	100
Personal savings or other sources	cpersonal	Using	323	54	218	56	105	51	148	54	175	55
		Not using	118	20	73	19	44	21	51	19	66	21
		Not sure	153	26	95	25	58	28	73	27	80	25
		Total	594	100	386	100	207	100	272	100	321	100
<b>23. What do you expect most of your grades will be during the coming year? (Select only one.)</b>												
cgrades19	C- or lower	1	0	1	0	0	0	1	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	
	C+	9	2	7	2	2	1	2	1	7	2	
	B-	32	5	20	5	12	6	11	4	21	7	
	B	154	26	103	27	51	25	55	20	99	31	
	B+	180	30	118	30	61	29	68	25	111	34	
	A-	132	22	80	21	52	25	80	29	52	16	
	A	88	15	59	15	29	14	55	20	33	10	
	Grades not used	0	0	0	0	0	0	0	0	0	0	
	Total	596	100	388	100	207	100	272	100	323	100	

### First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>24. Do you expect to graduate from this institution?</b>												
	cintgrad	No	4	1	3	1	1	0	2	1	2	1
		Yes	530	89	351	90	178	86	244	89	285	89
		Uncertain	62	10	35	9	27	13	27	10	35	11
		Total	596	100	389	100	206	100	273	100	322	100
<b>25. Do you know what your major will be?</b>												
	cmajor	No	71	12	43	11	27	13	22	8	48	15
		Yes, specify	526	88	346	89	180	87	251	92	275	85
		Total	597	100	389	100	207	100	273	100	323	100
<i>(Recoded variable cmajcode into one of 12 major categories listed at right.)</i>	cmajrcol	Arts & Humanities	33	6	17	5	16	9	16	6	17	6
		Biological Sci., Agriculture, & Natural Resources	60	11	42	12	18	10	31	12	29	10
		Physical Sci., Mathematics, & Computer Science	48	9	22	6	26	14	24	10	24	9
		Social Sciences	92	17	68	20	24	13	38	15	54	19
		Business	45	9	36	10	9	5	18	7	27	10
		Communications, Media, & Public Relations	3	1	3	1	0	0	1	0	2	1
		Education	28	5	16	5	12	7	14	6	14	5
		Engineering	16	3	9	3	7	4	9	4	7	3
		Health Professions	182	34	124	36	58	32	90	36	92	33
		Social Service Professions	7	1	6	2	1	1	4	2	3	1
		All Other	14	3	5	1	9	5	6	2	8	3
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0
		Total	528	100	348	100	180	100	251	100	277	100
<b>26. Are you (or will you be) a full-time student at this institution?</b>												
	cfulltime18	No	12	2	10	3	2	1	4	1	8	2
		Yes	583	98	378	97	204	99	267	99	315	98
		Total	595	100	388	100	206	100	271	100	323	100
<b>27. How many of your close friends will attend this institution during the coming year?</b>												
	cfriends	None	342	57	209	54	132	63	141	52	200	62
		1	134	22	82	21	52	25	61	22	73	23
		2	69	12	54	14	15	7	43	16	26	8
		3	32	5	27	7	5	2	18	7	14	4
		4 or more	20	3	16	4	4	2	9	3	11	3
		Total	597	100	388	100	208	100	272	100	324	100



### First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>28. This institution was your:</b>	cchoice17	First choice	358	60	230	59	127	61	163	60	194	60
		Second choice	180	30	123	32	57	27	80	29	100	31
		Third choice or lower	59	10	35	9	24	12	29	11	30	9
		Total	597	100	388	100	208	100	272	100	324	100
<b>29. What is your gender identity?</b>	cgender	Man	186	31	107	28	79	38	74	27	112	35
		Woman	401	67	279	72	121	58	193	71	207	64
		Another gender identity	5	1	1	0	4	2	3	1	2	1
		I prefer not to respond	5	1	2	1	3	1	2	1	3	1
		Total	597	100	389	100	207	100	272	100	324	100
<b>30. Are you an international student?</b>	cinternat	No	584	98	378	98	205	99	267	98	316	99
		Yes	10	2	8	2	2	1	6	2	4	1
		Total	594	100	386	100	207	100	273	100	320	100
<b>31. How would you describe yourself? (Select all that apply)</b>	crace	American Indian or Alaska Native	0	0	0	0	0	0	0	0	0	0
	(Recoded from c_aminid to c_pnr where each student is represented only once.)	Asian	41	7	11	3	30	14	26	10	15	5
		Black or African American	21	4	14	4	7	3	6	2	15	5
		Hispanic or Latino	283	47	256	66	26	13	128	47	154	48
		Middle Eastern or North African	3	1	3	1	0	0	1	0	2	1
		Native Hawaiian or Other Pacific Islander	2	0	0	0	2	1	0	0	2	1
		White	127	21	41	11	86	41	63	23	64	20
		Another race or ethnicity	4	1	1	0	3	1	1	0	3	1
		Multiracial	117	20	63	16	54	26	48	18	69	21
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	598	100	389	100	208	100	273	100	324	100

### First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades			
			Count	%	Yes		No		A- or Higher		B+ or Lower	
					Count	%	Count	%	Count	%	Count	%
<b>32. Regarding your parents (or those who raised you), what is the highest level of education completed by either of them?</b>												
	cpardegr18	Did not finish high school	145	24	145	37	0	0	69	25	76	23
		High school diploma or G.E.D.	134	22	134	34	0	0	63	23	71	22
		Attended college, but did not complete degree	67	11	67	17	0	0	27	10	40	12
		Associate's degree (AA, AS, etc.)	43	7	43	11	0	0	24	9	19	6
		Bachelor's degree (BA, BS, etc.)	126	21	0	0	126	61	61	22	65	20
		Master's degree (MA, MS, etc.)	72	12	0	0	72	35	27	10	45	14
		Doctoral or professional degree (PhD, JD, MD, etc.)	10	2	0	0	10	5	2	1	8	2
		<b>Total</b>	<b>597</b>	<b>100</b>	<b>389</b>	<b>100</b>	<b>208</b>	<b>100</b>	<b>273</b>	<b>100</b>	<b>324</b>	<b>100</b>
	First-generation status (Neither parent holds a bachelor's degree. Recoded from cpardegr18)	bfirstgen										
		First-generation	389	65	389	100	0	0	183	67	206	64
		Not first-generation	208	35	0	0	208	100	90	33	118	36
		<b>Total</b>	<b>597</b>	<b>100</b>	<b>389</b>	<b>100</b>	<b>208</b>	<b>100</b>	<b>273</b>	<b>100</b>	<b>324</b>	<b>100</b>
<b>33. Which of the following best describes where you will be living while attending college?</b>												
	cliving18	Campus housing (other than a fraternity or sorority house)	245	41	136	35	108	52	90	33	154	48
		Fraternity or sorority house	2	0	2	1	0	0	0	0	2	1
		House, apartment, or other residence within walking distance to campus	18	3	13	3	5	2	9	3	9	3
		House, apartment, or other residence farther than walk. dist. to campus	308	52	223	58	85	41	166	61	142	44
		Not applicable: No campus, entirely online program, etc.	22	4	12	3	10	5	7	3	15	5
		Not applicable: Homeless or in transition	1	0	1	0	0	0	0	0	1	0
		<b>Total</b>	<b>596</b>	<b>100</b>	<b>387</b>	<b>100</b>	<b>208</b>	<b>100</b>	<b>272</b>	<b>100</b>	<b>323</b>	<b>100</b>

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## **BCSSE 2020**

# **First-Year Student Frequencies and Statistical Comparisons**

California State University-Channel Islands

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# Frequencies and Statistical Comparisons

## About This Report

The Frequencies and Statistical Comparisons report presents item-by-item student responses and mean comparisons that allow you to examine patterns of similarity and difference between groups students at your institution. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website ([bcsse.indiana.edu](http://bcsse.indiana.edu)) or contact a member of the BCSSE team.

- Student status:** As reported by your students.
- Item numbers:** Numbering corresponds to the survey facsimile and codebook available on the BCSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the percentage of students selecting the corresponding response option. Percentages may not sum to 100 due to rounding.
- Overall mean:** Mean scores for each item. Mean item scores by within-campus comparison groups are presented on the right side. Mean calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution.
- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed 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. Consult effect sizes (see #8) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests.

**BCSSE**  
beginning college survey  
of student engagement

**First-Year Students**

**Frequencies and Statistical Comparisons**  
BCSSEville State University

Item wording or description of variable	Variable name	Values*	Response options	Frequency Distributions								Statistical Comparisons							
				All Students		First-Generation <sup>†</sup>		Self-Reported HS Grades		First-Generation		Self-Reported HS Grades							
				Count	%	Count	%	A- or higher	B+ or lower	Yes	No	A- or higher	B+ or lower						
<b>6. During high school, how many of the following types of classes did you complete?</b>																			
a. Advanced Placement (AP) classes	hapc11num	0 0		420	35	261	39	158	30	187	26	230	48						
		1.5 1-2		382	32	225	34	156	30	238	34	142	29						
		3.5 3-4	(Rounded version of AP classes created by BCSSE. Values are estimated number of AP classes)	55	22	131	20	138	26	194	27	75	15						
		5.5 5-6		88	7	30	5	56	11	62	9	26	5	1.6	2.2 ***	-.30	2.2	1.4 ***	.40
		7.5 7-8		24	2	9	1	15	3	19	3	5	1						
		9.5 9-10		10	1	6	1	4	1	7	1	3	1						
		11.5 11 or more		4	0	3	0	1	0	1	0	3	1						
		Total		1,187	100	656	98	523	100	708	100	484	100						
b. College or university courses for credit	hdc11num	0 0		303	43	183	35	208	30	202	41								
		1.5 1-2		352	30	173	33	228	33	123	26								
		3.5 3-4	(Rounded version of college or university courses for credit created by BCSSE. Values are estimated number of such credit classes)	195	17	94	14	101	19	151	22	44	9						
		5.5 5-6		69	6	33	5	36	7	58	8	11	2	1.6	2.1 ***	-.23	2.4	1.0 ***	.64
		7.5 7-8		29	2	17	3	12	2	26	4	2	0						
		9.5 9-10		14	1	3	0	11	2	13	2	1	0						
		11.5 11 or more		19	2	9	1	10	2	14	2	5	1						
		Total		1,181	100	651	100	526	100	698	100	478	100						
c. International Baccalaureate (IB)	hib11num	0 0		1,115	99	615	99	496	98	655	98	455	99						
		1.5 1-2		7	1	3	0	4	1	5	1	2	0						
		3.5 3-4	(Rounded version of IB created by BCSSE. Values are estimated number of international baccalaureate classes)	4	0	3	0	1	0	3	0	1	0						
		5.5 5-6		4	0	2	0	2	0	1	0	3	1	.0	1	-.04	.0	.0	.01
		7.5 7-8		0	0	0	0	0	0	0	0	0	0						
		9.5 9-10		1	0	0	0	1	0	1	0	0	0						
		11.5 11 or more		0	0	0	0	0	0	0	0	0	0						
		Total		1,131	100	623	100	504	100	665	100	461	100						
<b>7. During your last year of high school, about how many papers, reports, or other writing tasks of the following length did you complete?</b>																			
a. Up to 5 pages	hwstr1num	0 None		154	13	102	15	52	10	81	11	72	14						
		1.5 1-2	(Rounded version of AP/IB/IB created by BCSSE. Values are estimated number of papers, reports, etc)	382	31	205	30	175	32	220	31	160	32						
		4 3-5		375	31	213	31	160	29	212	29	162	32						
		8 6-10		186	15	97	14	89	16	116	16	69	14	4.3	5.0 *	-.14	5.0	4.2 **	.16
		13 11-15		71	6	33	5	38	7	53	7	18	4						
		18 16-20		25	2	15	2	10	2	17	2	8	2						
		23 More than 20		36	3	17	2	19	3	21	3	15	3						
		Total		1,229	100	682	100	543	100	720	100	504	100						

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. Effect sizes for independent  $t$ -tests use Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . Cohen's  $d$  is calculated by dividing the mean difference by the pooled standard deviation. Cohen's  $h$  is calculated by taking the difference in the proportion of students who selected the item after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation <sup>a</sup>		No		Self-Reported HS Grades				First-Generation		Self-Reported HS Grades				
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES
<b>6. During high school, how many of the following types of classes did you complete?</b>																					
a. Advanced Placement (AP) classes	hapcl3num	0	0	145	24	84	22	61	30	54	20	91	29								
		1.5	1-2	221	37	142	37	76	37	102	37	118	37								
		3.5	3-4	131	22	97	25	34	17	65	24	66	21								
		5.5	5-6	61	10	42	11	18	9	34	12	27	8	2.4	2.3	.07	2.6	2.1	**	.22	
		7.5	7-8	25	4	17	4	8	4	11	4	14	4								
		9.5	9-10	6	1	1	0	5	2	5	2	1	0								
		11.5	11 or more	3	1	1	0	2	1	2	1	1	0								
		Total			592	100	384	100	204	100	273	100	318	100							
b. College or university courses for credit	hdc17num	0	0	329	57	208	55	117	59	145	54	183	59								
		1.5	1-2	168	29	113	30	55	28	83	31	85	27								
		3.5	3-4	43	7	33	9	10	5	21	8	22	7								
		5.5	5-6	13	2	9	2	4	2	6	2	7	2	1.2	1.4	-.08	1.4	1.2		.05	
		7.5	7-8	6	1	3	1	3	2	3	1	3	1								
		9.5	9-10	6	1	4	1	2	1	3	1	3	1								
		11.5	11 or more	15	3	6	2	9	5	7	3	8	3								
		Total			580	100	376	100	200	100	268	100	311	100							
c. International Baccalaureate (IB)	hib17num	0	0	531	93	359	96	168	87	243	92	287	94								
		1.5	1-2	26	5	10	3	16	8	11	4	15	5								
		3.5	3-4	10	2	3	1	7	4	8	3	2	1								
		5.5	5-6	1	0	0	0	1	1	1	0	0	0	.1	.4	**	-.34	.2	.1		.10
		7.5	7-8	2	0	1	0	1	1	0	0	2	1								
		9.5	9-10	1	0	0	0	1	1	1	0	0	0								
		11.5	11 or more	0	0	0	0	0	0	0	0	0	0								
		Total			571	100	373	100	194	100	264	100	306	100							
<b>7. During your last year of high school, about how many papers, reports, or other writing tasks of the following length did you complete?</b>																					
a. Up to 5 pages	hwrshtrnum	0	None	39	7	26	7	12	6	19	7	20	6								
		1.5	1-2	172	29	123	32	48	23	86	31	85	26								
		4	3-5	205	34	130	34	75	36	87	32	118	37								
		8	6-10	114	19	69	18	43	21	56	20	58	18	4.9	6.0	*	-.22	5.1	5.4		-.05
		13	11-15	37	6	24	6	13	6	11	4	26	8								
		18	16-20	10	2	6	2	4	2	6	2	4	1								
		23	More than 20	21	4	9	2	12	6	10	4	11	3								
		Total			598	100	387	100	207	100	275	100	322	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean
b. Between 6 and 10 pages	hwrmndnum	0	None	260	44		182	48	76	37	122	45	138	44						
		1.5	1-2	218	37		129	34	88	43	103	38	114	36						
		4	3-5	78	13		48	13	30	15	33	12	45	14						
		8	6-10	26	4	1.6	17	4	8	4	11	4	15	5	1.5	1.7	-.11	1.5	1.6	-.04
		13	11-15	6	1		3	1	3	1	3	1	3	1						
		18	16-20	0	0		0	0	0	0	0	0	0	0						
		23	More than 20	0	0		0	0	0	0	0	0	0	0						
	Total			588	100		379	100	205	100	272	100	315	100						
c. 11 pages or more	hwrlngnum	0	None	457	78		299	79	155	77	211	78	245	78						
		1.5	1-2	104	18		62	16	41	20	47	17	57	18						
		4	3-5	14	2		10	3	4	2	6	2	8	3						
		8	6-10	5	1	0.5	3	1	2	1	2	1	3	1	.6	.5	.07	.6	.5	.05
		13	11-15	3	1		3	1	0	0	2	1	1	0						
		18	16-20	1	0		1	0	0	0	1	0	0	0						
		23	More than 20	0	0		0	0	0	0	0	0	0	0						
	Total			584	100		378	100	202	100	269	100	314	100						
<b>8. During your last year of high school, about how many hours did you spend in a typical 7-day week doing the following?</b>																				
a. Preparing for class (studying, reading, doing homework, etc.)	hacadpr13hrs	0	0	3	1		0	0	3	1	1	0	2	1						
		3	1-5	219	37		150	39	66	32	100	36	118	37						
		8	6-10	176	29		118	30	57	28	81	29	95	29						
		13	11-15	101	17		62	16	39	19	40	14	61	19						
		18	16-20	63	11	9.3	36	9	27	13	36	13	27	8	8.9	10.1	-.16	9.5	9.1	.06
		23	21-25	13	2		10	3	3	1	5	2	8	2						
		28	26-30	13	2		7	2	6	3	6	2	7	2						
	33	More than 30	12	2		6	2	6	3	7	3	5	2							
	Total			600	100		389	100	207	100	276	100	323	100						
b. Working for pay	hworkhrs	0	0	304	51		204	52	99	48	148	54	155	48						
		3	1-5	62	10		31	8	29	14	30	11	32	10						
		8	6-10	51	9		33	8	17	8	21	8	30	9						
		13	11-15	60	10		39	10	21	10	27	10	33	10						
		18	16-20	56	9	6.9	37	10	19	9	22	8	34	11	7.1	6.7	.04	6.4	7.4	-.11
		23	21-25	31	5		19	5	12	6	11	4	20	6						
		28	26-30	18	3		13	3	5	2	9	3	9	3						
	33	More than 30	17	3		13	3	4	2	8	3	9	3							
	Total			599	100		389	100	206	100	276	100	322	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean
c. Participating in co-curricular activities (organizations, school publications, student government, sports, etc.)	hcocurrhrs	0	0	103	17		65	17	37	18	44	16	58	18						
		3	1-5	209	35		136	35	71	34	100	36	109	34						
		8	6-10	100	17		62	16	38	18	45	16	55	17						
		13	11-15	83	14		59	15	24	12	42	15	41	13						
		18	16-20	45	8	8.2	28	7	17	8	20	7	25	8	8.3	8.0	.03	8.1	8.4	-.03
		23	21-25	28	5		19	5	9	4	13	5	15	5						
		28	26-30	6	1		3	1	3	1	1	0	5	2						
		33	More than 30	24	4		16	4	7	3	10	4	14	4						
		Total	598	100		388	100	206	100	275	100	322	100							
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	hsocial13hrs	0	0	5	1		4	1	1	0	3	1	2	1						
		3	1-5	225	38		174	45	48	23	101	37	123	38						
		8	6-10	177	30		106	27	71	34	87	32	90	28						
		13	11-15	95	16		52	13	43	21	42	15	53	16						
		18	16-20	44	7	9.3	25	6	19	9	21	8	23	7	8.4	10.9 ***	-.35	9.0	9.5	-.07
		23	21-25	25	4		13	3	12	6	12	4	13	4						
		28	26-30	9	2		2	1	7	3	4	1	5	2						
		33	More than 30	18	3		12	3	5	2	5	2	13	4						
		Total	598	100		388	100	206	100	275	100	322	100							
<b>9. During your last year of high school, of the time you spent preparing for class in a typical 7-day week, about how much was on assigned reading?</b>																				
	htmread14	1	Very little	84	14		56	14	28	14	47	17	37	11						
		2	Some	257	43		148	38	106	52	111	41	145	45						
		3	About half	172	29	2.4	120	31	52	25	81	30	91	28	2.5	2.3 **	.22	2.4	2.5	-.11
		4	Most	69	12		53	14	16	8	28	10	41	13						
		5	Almost all	14	2		11	3	3	1	6	2	8	2						
		Total	596	100		388	100	205	100	273	100	322	100							
<b>10. During your last year of high school, about how often did you do the following?</b>																				
a. Came to class without completing readings or assignments	hunprepard	1	Never	237	40		162	42	75	36	127	46	110	34						
		2	Sometimes	318	53		197	51	118	57	126	46	191	59						
		3	Often	27	5	1.7	18	5	9	4	17	6	10	3	1.7	1.7	-.07	1.6	1.8 *	-.19
		4	Very often	15	3		10	3	5	2	4	1	11	3						
		Total	597	100		387	100	207	100	274	100	322	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons								
				All Students			First-Generation <sup>a</sup>		Self-Reported HS Grades				First-Generation			Self-Reported HS Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
b. Prepared two or more drafts of a paper or assignment before turning it in	hdrafting	1	Never	59	10		32	8	27	13	22	8	37	11								
		2	Sometimes	275	46		179	46	94	45	143	52	132	41								
		3	Often	202	34	2.4	130	33	72	35	93	34	109	34	2.5	2.4 *	.18	2.4	2.5		-.15	
		4	Very often	63	11		48	12	14	7	17	6	45	14								
		Total		599	100		389	100	207	100	275	100	323	100								
c. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	hQRconclud	1	Never	42	7		32	8	10	5	22	8	20	6								
		2	Sometimes	220	37		152	39	66	32	97	35	122	38								
		3	Often	246	41	2.6	152	39	93	45	123	45	123	38	2.6	2.8 **	-.23	2.6	2.7		-.08	
		4	Very often	90	15		52	13	38	18	33	12	57	18								
		Total		598	100		388	100	207	100	275	100	322	100								
d. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	hQRproblm	1	Never	73	12		51	13	21	10	34	12	39	12								
		2	Sometimes	242	40		166	43	74	36	113	41	128	40								
		3	Often	198	33	2.5	126	32	72	35	94	34	104	32	2.4	2.6 **	-.24	2.5	2.5		-.06	
		4	Very often	85	14		45	12	40	19	34	12	51	16								
		Total		598	100		388	100	207	100	275	100	322	100								
e. Evaluated what others have concluded from numerical information	hQRrevaluat	1	Never	89	15		68	18	20	10	42	15	47	15								
		2	Sometimes	247	41		160	41	86	42	116	42	130	40								
		3	Often	205	34	2.4	123	32	81	39	98	36	107	33	2.3	2.5 *	-.18	2.3	2.4		-.09	
		4	Very often	57	10		37	10	20	10	19	7	38	12								
		Total		598	100		388	100	207	100	275	100	322	100								
f. Identified key information from reading assignments	hLSreading	1	Never	1	0		0	0	1	0	0	0	1	0								
		2	Sometimes	99	17		75	19	23	11	51	19	48	15								
		3	Often	302	50	3.2	191	49	109	53	139	51	162	50	3.1	3.2	-.16	3.1	3.2		-.10	
		4	Very often	197	33		123	32	74	36	85	31	112	35								
		Total		599	100		389	100	207	100	275	100	323	100								
g. Reviewed your notes after class	hLSnotes	1	Never	14	2		3	1	11	5	2	1	12	4								
		2	Sometimes	156	26		94	24	60	29	74	27	82	25								
		3	Often	249	42	3.0	169	43	79	38	126	46	122	38	3.1	2.9 *	.22	3.0	3.0		-.03	
		4	Very often	180	30		123	32	57	28	73	27	107	33								
		Total		599	100		389	100	207	100	275	100	323	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)



# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

		Frequency Distributions										Statistical Comparisons									
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades				
				Count	%	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES		
						Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean	
h Summarized what you learned in class or from course materials	hLSsummary	1	Never	15	3	9	2	6	3	8	3	7	2								
		2	Sometimes	160	27	99	25	60	29	63	23	97	30								
		3	Often	268	45	178	46	89	43	141	51	126	39	3.0	2.9	.08	2.9	2.9	.00		
		4	Very often	156	26	103	26	52	25	63	23	93	29								
		Total		599	100	389	100	207	100	275	100	323	100								
i Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	hridivers	1	Never	36	6	26	7	9	4	20	7	16	5								
		2	Sometimes	209	35	133	34	75	36	104	38	104	32								
		3	Often	204	34	128	33	75	36	88	32	116	36	2.8	2.8	.00	2.7	2.8 *	-.17		
		4	Very often	149	25	101	26	48	23	62	23	87	27								
		Total		598	100	388	100	207	100	274	100	323	100								
j Examined the strengths and weaknesses of your own views on a topic or issue	hriownview	1	Never	26	4	18	5	8	4	14	5	12	4								
		2	Sometimes	171	29	109	28	60	29	82	30	88	27								
		3	Often	247	41	168	43	79	38	105	38	142	44	2.9	2.9	-.07	2.9	2.9	-.05		
		4	Very often	154	26	93	24	60	29	73	27	81	25								
		Total		598	100	388	100	207	100	274	100	323	100								
k Tried to better understand someone else's views by imagining how an issue looks from their perspective	hriperspct	1	Never	7	1	5	1	2	1	2	1	5	2								
		2	Sometimes	99	17	58	15	41	20	49	18	50	15								
		3	Often	251	42	159	41	91	44	122	44	129	40	3.3	3.1	.16	3.2	3.2	-.09		
		4	Very often	242	40	167	43	73	35	102	37	139	43								
		Total		599	100	389	100	207	100	275	100	323	100								
<b>11. During your last year of high school, how involved were you in the following activities at your school or elsewhere?</b>																					
a. Performing or visual arts programs (band, chorus, theater, art, etc.)	hinvars	1	Not at all	212	36	152	39	60	29	95	35	117	37								
		2	Very little	139	23	88	23	50	24	65	24	73	23								
		3	Some	94	16	60	15	32	16	47	17	47	15	2.3	2.6 *	-.20	2.4	2.4	.00		
		4	Quite a bit	72	12	39	10	33	16	34	12	38	12								
		5	Very much	79	13	49	13	30	15	34	12	45	14								
		Total		596	100	388	100	205	100	275	100	320	100								
b. Athletic teams (varsity, JV, club sport, etc.)	hinvathl	1	Not at all	208	35	135	35	72	35	107	39	101	31								
		2	Very little	88	15	66	17	22	11	39	14	49	15								
		3	Some	61	10	39	10	21	10	19	7	41	13	2.8	2.9	-.08	2.7	2.9	-.12		
		4	Quite a bit	69	12	38	10	31	15	34	12	35	11								
		5	Very much	171	29	110	28	61	29	74	27	97	30								
		Total		597	100	388	100	207	100	273	100	323	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation <sup>a</sup>		Self-Reported HS Grades				First-Generation			Self-Reported HS Grades				
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean
c. Student government	hstugov	1	Not at all	411	69		256	66	154	75	196	72	214	66						
		2	Very little	91	15		57	15	33	16	37	14	54	17						
		3	Some	50	8	1.6	40	10	10	5	20	7	30	9	1.7	1.4 **	.24	1.5	1.6	-.08
		4	Quite a bit	19	3		16	4	3	1	8	3	11	3						
		5	Very much	24	4		18	5	6	3	11	4	13	4						
		Total		595	100		387	100	206	100	272	100	322	100						
d. Publications (student newspaper, yearbook, etc.)	hinvpubs	1	Not at all	431	73		280	72	149	73	202	74	228	71						
		2	Very little	82	14		53	14	29	14	30	11	52	16						
		3	Some	40	7	1.5	27	7	13	6	20	7	20	6	1.5	1.5	.02	1.5	1.5	.02
		4	Quite a bit	17	3		10	3	7	3	8	3	9	3						
		5	Very much	24	4		17	4	7	3	13	5	11	3						
		Total		594	100		387	100	205	100	273	100	320	100						
e. Academic clubs or honor societies	hinvhon13	1	Not at all	244	41		140	36	102	49	97	35	146	45						
		2	Very little	104	17		73	19	31	15	50	18	54	17						
		3	Some	124	21	2.3	83	21	41	20	61	22	63	20	2.4	2.1 **	.26	2.5	2.2 *	.20
		4	Quite a bit	71	12		51	13	20	10	36	13	35	11						
		5	Very much	55	9		42	11	13	6	30	11	25	8						
		Total		598	100		389	100	207	100	274	100	323	100						
f. Vocational clubs (business, health, technology, etc.)	hinvccl	1	Not at all	380	64		258	66	120	59	178	65	201	63						
		2	Very little	101	17		63	16	38	19	47	17	54	17						
		3	Some	67	11	1.7	42	11	25	12	28	10	39	12	1.6	1.8	-.15	1.6	1.7	-.07
		4	Quite a bit	25	4		11	3	14	7	14	5	11	3						
		5	Very much	22	4		15	4	7	3	7	3	15	5						
		Total		595	100		389	100	204	100	274	100	320	100						
g. Religious youth groups	hrelgrp	1	Not at all	437	73		301	78	134	65	197	72	239	74						
		2	Very little	67	11		37	10	30	15	27	10	40	12						
		3	Some	44	7	1.5	19	5	25	12	23	8	21	7	1.5	1.7 *	-.21	1.6	1.5	.13
		4	Quite a bit	24	4		17	4	7	3	10	4	14	4						
		5	Very much	23	4		13	3	10	5	16	6	7	2						
		Total		595	100		387	100	206	100	273	100	321	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

		Frequency Distributions										Statistical Comparisons									
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
h. Community service or volunteer work	hvolntr	1	Not at all	63	11		43	11	20	10	30	11	33	10							
		2	Very little	95	16		67	17	28	14	37	14	58	18							
		3	Some	144	24	3.4	84	22	58	28	68	25	75	23	3.4	3.4	.01	3.4	3.4	.03	
		4	Quite a bit	141	24		82	21	59	29	68	25	73	23							
		5	Very much	150	25		108	28	42	20	68	25	82	26							
		Total		593	100		384	100	207	100	271	100	321	100							
<b>12. During your last year of high school, to what extent did your course challenge you to do your best work?</b>																					
	hchallenge	1	Not at all	2	0		0	0	2	1	1	0	1	0							
		2		10	2		6	2	4	2	4	1	6	2							
		3		37	6		21	5	16	8	17	6	20	6							
		4		136	23	5.0	90	23	45	22	58	21	78	24	5.1	4.9 *	.18	5.0	4.9	.07	
		5		234	39		149	39	84	41	105	39	128	40							
		6		113	19		68	18	45	22	58	21	55	17							
		7	Very much	63	11		52	13	11	5	29	11	34	11							
		Total		595	100		386	100	207	100	272	100	322	100							
<b>13. During the coming school year, about how many hours do you expect to 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)	cacadpr13hrs  <i>(Recoded version of cacadpr13 created by BCSSE. Values are estimated number of hours)</i>	0	0	0	0		0	0	0	0	0	0	0								
		3	1-5	48	8		32	8	16	8	19	7	29	9							
		8	6-10	126	21		90	23	36	17	66	24	60	19							
		13	11-15	143	24		83	21	60	29	56	21	87	27							
		18	16-20	122	20	15.6	83	21	38	18	56	21	65	20	15.4	15.9	-.06	15.8	15.5	.04	
		23	21-25	91	15		59	15	32	15	45	16	46	14							
		28	26-30	33	6		21	5	12	6	13	5	20	6							
		33	More than 30	33	6		20	5	13	6	18	7	15	5							
		Total		596	100		388	100	207	100	273	100	322	100							
b. Working for pay on- or off-campus	cworkhrs  <i>(Recoded version of cworkhrs created by BCSSE. Values are estimated number of hours)</i>	0	0	100	17		62	16	37	18	42	15	57	18							
		3	1-5	70	12		36	9	34	16	30	11	40	13							
		8	6-10	105	18		72	19	33	16	51	19	54	17							
		13	11-15	102	17		65	17	37	18	43	16	59	18							
		18	16-20	122	21	11.8	82	21	40	19	51	19	71	22	12.6	10.6 **	.23	12.4	11.4	.12	
		23	21-25	54	9		32	8	22	11	34	13	20	6							
		28	26-30	22	4		18	5	4	2	13	5	9	3							
		33	More than 30	18	3		18	5	0	0	8	3	10	3							
		Total		593	100		385	100	207	100	272	100	320	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

		Frequency Distributions										Statistical Comparisons									
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
c. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	ccocurrhrs	0	0	55	9		32	8	23	11	19	7	36	11							
		3	1-5	223	37		144	37	79	38	121	44	102	32							
		8	6-10	178	30		114	29	63	30	77	28	100	31							
		13	11-15	89	15		57	15	32	15	36	13	53	17							
		18	16-20	32	5	7.3	25	6	7	3	12	4	20	6	7.6	6.6	.17	6.9	7.6	-.12	
		23	21-25	10	2		9	2	1	0	5	2	5	2							
		28	26-30	1	0		0	0	1	0	1	0	0	0							
		33	More than 30	7	1		6	2	1	0	2	1	5	2							
		Total				595	100			387	100	207	100	273	100	321	100				
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	csocial13hrs	0	0	8	1		8	2	0	0	8	3	0	0							
		3	1-5	221	37		168	43	53	26	100	37	121	38							
		8	6-10	203	34		128	33	74	36	89	33	113	35							
		13	11-15	100	17		50	13	50	24	52	19	48	15							
		18	16-20	48	8	8.2	25	6	23	11	18	7	30	9	7.4	9.8 ***	-.42	7.9	8.4	-.08	
		23	21-25	8	1		6	2	2	1	3	1	5	2							
		28	26-30	2	0		1	0	1	0	2	1	0	0							
		33	More than 30	6	1		2	1	4	2	1	0	5	2							
		Total				596	100			388	100	207	100	273	100	322	100				
<b>14. During the coming school year, of the time you expect to spend preparing for class in a typical 7-day week, about how much will be on assigned reading?</b>																					
	ctmread17	1	Very little	7	1		4	1	3	1	2	1	5	2							
		2	Some	133	23		72	19	61	30	64	24	69	22							
		3	About half	210	36	3.2	132	34	77	38	102	38	107	33	3.3	3.0 ***	.37	3.2	3.2	-.04	
		4	Most	206	35		146	38	60	29	82	30	124	39							
		5	Almost all	35	6		31	8	4	2	20	7	15	5							
		Total				591	100			385	100	205	100	270	100	320	100				
<b>15. During the coming school year, about how often do you expect to do the following?</b>																					
a. Ask another student to help you understand course material	cCLaskhlp	1	Never	10	2		2	1	8	4	5	2	5	2							
		2	Sometimes	199	33		127	33	72	35	92	34	107	33							
		3	Often	262	44	2.8	166	43	96	46	119	44	143	45	2.9	2.7 **	.23	2.8	2.8	-.01	
		4	Very often	124	21		92	24	31	15	57	21	66	21							
		Total				595	100			387	100	207	100	273	100	321	100				

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean
b. Explain course material to one or more students	cCLxplain	1	Never	5	1		3	1	2	1	1	0	4	1						
		2	Sometimes	273	46		168	43	105	51	121	44	152	47						
		3	Often	237	40	2.7	159	41	78	38	114	42	123	38	2.7	2.6	.17	2.7	2.6	.07
		4	Very often	80	13		57	15	22	11	37	14	42	13						
		Total		595	100		387	100	207	100	273	100	321	100						
c. Prepare for exams by discussing or working through course material with other students	cCLstudy	1	Never	5	1		1	0	4	2	3	1	2	1						
		2	Sometimes	117	20		62	16	55	27	58	21	59	18						
		3	Often	272	46	3.1	175	45	96	47	125	46	146	45	3.2	2.9 ***	.38	3.1	3.2	-.11
		4	Very often	199	34		148	38	51	25	85	31	114	36						
		Total		593	100		386	100	206	100	271	100	321	100						
d. Work with other students on course projects or assignments	cCLproject	1	Never	1	0		0	0	1	0	1	0	0	0						
		2	Sometimes	127	21		73	19	54	26	61	22	66	20						
		3	Often	279	47	3.1	169	44	109	53	128	47	150	47	3.2	2.9 ***	.35	3.1	3.1	-.07
		4	Very often	188	32		145	37	43	21	82	30	106	33						
		Total		595	100		387	100	207	100	272	100	322	100						
e. Talk about career plans with a faculty member	cSFcareer	1	Never	3	1		0	0	3	1	1	0	2	1						
		2	Sometimes	190	32		107	28	83	40	85	31	105	33						
		3	Often	238	40	2.9	158	41	79	38	112	41	125	39	3.0	2.8 ***	.35	3.0	2.9	.02
		4	Very often	165	28		123	32	42	20	75	27	90	28						
		Total		596	100		388	100	207	100	273	100	322	100						
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	cSFothrwrk	1	Never	46	8		23	6	23	11	23	8	23	7						
		2	Sometimes	257	43		152	39	105	51	122	45	135	42						
		3	Often	208	35	2.6	151	39	56	27	96	35	111	34	2.6	2.4 ***	.33	2.5	2.6	-.12
		4	Very often	85	14		62	16	23	11	32	12	53	16						
		Total		596	100		388	100	207	100	273	100	322	100						
g. Discuss your academic performance with a faculty member	cSFprform	1	Never	18	3		11	3	7	3	9	3	9	3						
		2	Sometimes	202	34		117	30	84	41	98	36	103	32						
		3	Often	246	41	2.8	172	44	74	36	113	41	133	41	2.9	2.7	.17	2.8	2.9	-.11
		4	Very often	129	22		87	22	42	20	53	19	76	24						
		Total		595	100		387	100	207	100	273	100	321	100						
h. Discuss course topics, ideas, or concepts with a faculty member outside of class	cSFdiscuss	1	Never	40	7		25	6	15	7	19	7	21	7						
		2	Sometimes	262	44		156	40	106	51	130	48	132	41						
		3	Often	204	34	2.6	144	37	59	29	83	30	120	37	2.6	2.5 *	.19	2.5	2.6	-.09
		4	Very often	90	15		63	16	27	13	41	15	49	15						
		Total		596	100		388	100	207	100	273	100	322	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons								
				All Students			First-Generation <sup>a</sup>		Self-Reported HS Grades				First-Generation			Self-Reported HS Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
i Prepare two or more drafts of a paper or assignment before turning it in	cdrafting	1	Never	15	3		9	2	6	3	5	2	10	3								
		2	Sometimes	143	24		85	22	58	28	68	25	75	23								
		3	Often	273	46	3.0	178	46	95	46	128	47	145	45	3.0	2.9 *	.18	3.0	3.0			-.02
		4	Very often	165	28		116	30	48	23	72	26	92	29								
		Total		596	100		388	100	207	100	273	100	322	100								
j Come to class without completing readings or assignments	cunprepard	1	Never	432	73		299	77	132	64	200	74	231	72								
		2	Sometimes	126	21		64	17	62	30	57	21	69	21								
		3	Often	17	3	1.4	8	2	9	4	6	2	11	3	1.3	1.4	-.16	1.4	1.4			-.05
		4	Very often	20	3		16	4	4	2	9	3	11	3								
		Total		595	100		387	100	207	100	272	100	322	100								
<b>16. During the coming school year, about how often do you expect to have discussions with people from the following groups?</b>																						
a. People of a race or ethnicity other than your own	cDVRace	1	Never	4	1		2	1	2	1	2	1	2	1								
		2	Sometimes	48	8		35	9	13	6	24	9	24	7								
		3	Often	212	36	3.5	145	37	67	32	102	37	110	34	3.4	3.5	-.14	3.4	3.5			-.09
		4	Very often	332	56		206	53	125	60	145	53	186	58								
		Total		596	100		388	100	207	100	273	100	322	100								
b. People from an economic background other than your own	cDVeconomy	1	Never	4	1		4	1	0	0	4	1	0	0								
		2	Sometimes	68	11		46	12	22	11	31	11	37	12								
		3	Often	216	36	3.4	147	38	69	33	104	38	112	35	3.3	3.5	-.14	3.3	3.4			-.10
		4	Very often	305	51		189	49	115	56	133	49	171	53								
		Total		593	100		386	100	206	100	272	100	320	100								
c. People with religious beliefs other than your own	cDVreligion	1	Never	13	2		11	3	2	1	8	3	5	2								
		2	Sometimes	96	16		67	17	29	14	47	17	49	15								
		3	Often	218	37	3.2	153	39	65	31	105	38	113	35	3.2	3.4 **	-.25	3.2	3.3			-.14
		4	Very often	269	45		157	40	111	54	113	41	155	48								
		Total		596	100		388	100	207	100	273	100	322	100								
d. People with political views other than your own	cDVpolitical	1	Never	16	3		13	3	3	1	9	3	7	2								
		2	Sometimes	132	22		91	23	41	20	61	22	71	22								
		3	Often	211	35	3.1	146	38	65	31	104	38	107	33	3.1	3.2 **	-.23	3.1	3.2			-.10
		4	Very often	237	40		138	36	98	47	99	36	137	43								
		Total		596	100		388	100	207	100	273	100	322	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation <sup>a</sup>		Self-Reported HS Grades				First-Generation		Self-Reported HS Grades					
				Count	%	Mean	Count	%	Yes	No	A- or higher	B+ or lower	Yes	No	ES	A- or higher	B+ or lower	ES		
<b>17. During the coming school year, how certain are you that you will do the following?</b>																				
a. Study when there are other interesting things to do	cotherint	1	Not at all certain	6	1		3	1	3	1	2	1	4	1						
		2		19	3		12	3	7	3	9	3	10	3						
		3		137	23		75	19	62	30	63	23	74	23						
		4		202	34	4.2	134	35	68	33	92	34	110	34	4.3	4.0 **	.24	4.2	4.2	-.01
		5		158	27		112	29	45	22	78	29	79	25						
		6	Very certain	73	12		51	13	22	11	29	11	44	14						
		Total		595	100		387	100	207	100	273	100	321	100						
b. Find additional information for course assignments when you don't understand the material	cfindinfo	1	Not at all certain	0	0		0	0	0	0	0	0	0							
		2		3	1		2	1	1	0	2	1	1	0						
		3		45	8		19	5	26	13	20	7	25	8						
		4		136	23	5.0	81	21	55	27	62	23	74	23	5.1	4.8 ***	.32	5.0	5.0	-.01
		5		198	33		133	34	65	31	91	34	107	33						
		6	Very certain	212	36		151	39	60	29	96	35	115	36						
		Total		594	100		386	100	207	100	271	100	322	100						
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	1	Not at all certain	7	1		4	1	3	1	2	1	5	2						
		2		28	5		16	4	12	6	11	4	17	5						
		3		123	21		74	19	49	24	59	22	64	20						
		4		183	31	4.3	118	30	64	31	87	32	95	30	4.3	4.1 *	.17	4.2	4.3	-.03
		5		157	26		107	28	50	24	76	28	81	25						
		6	Very certain	98	16		69	18	29	14	38	14	60	19						
		Total		596	100		388	100	207	100	273	100	322	100						
d. Ask instructors for help when you struggle with course assignments	caskinst	1	Not at all certain	2	0		1	0	1	0	1	0	1	0						
		2		6	1		2	1	4	2	3	1	3	1						
		3		59	10		36	9	23	11	29	11	30	9						
		4		119	20	4.9	64	17	55	27	52	19	67	21	5.1	4.7 ***	.33	4.9	4.9	.00
		5		182	31		116	30	66	32	83	30	99	31						
		6	Very certain	226	38		168	43	57	28	105	38	120	38						
		Total		594	100		387	100	206	100	273	100	320	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation <sup>a</sup>		Self-Reported HS Grades				First-Generation			Self-Reported HS Grades					
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
e. Finish something you have started when you encounter challenges	cfinish	1	Not at all certain	0	0		0	0	0	0	0	0	0								
		2		3	1		0	0	3	1	1	0	2	1							
		3		47	8		27	7	20	10	20	7	27	8							
		4		127	21	5.0	77	20	50	24	57	21	70	22	5.0	4.8 **	.24	5.0	5.0	.03	
		5		206	35		135	35	71	34	99	36	107	33							
		6	Very certain	212	36		149	38	62	30	96	35	115	36							
	Total	595	100		388	100	206	100	273	100	321	100									
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	1	Not at all certain	8	1		4	1	4	2	4	1	4	1							
		2		30	5		17	4	13	6	19	7	11	3							
		3		86	14		49	13	37	18	36	13	50	16							
		4		150	25	4.6	86	22	64	31	71	26	79	25	4.7	4.3 ***	.30	4.5	4.6	-.08	
		5		135	23		97	25	38	18	60	22	75	23							
		6	Very certain	186	31		134	35	51	25	82	30	103	32							
	Total	595	100		387	100	207	100	272	100	322	100									
<b>18. During the coming school year, how difficult do you expect the following to be?</b>																					
a. Learning course material	clearnma	1	Not at all difficult	3	1		2	1	1	0	0	0	3	1							
		2		29	5		14	4	15	7	16	6	13	4							
		3		139	23		84	22	55	27	64	23	75	23							
		4		217	36	4.1	148	38	68	33	96	35	120	37	4.2	4.0	.15	4.1	4.1	.00	
		5		152	26		103	27	49	24	72	26	80	25							
		6	Very difficult	56	9		37	10	19	9	25	9	31	10							
	Total	596	100		388	100	207	100	273	100	322	100									
b. Managing your time	cmantime	1	Not at all difficult	10	2		7	2	3	1	5	2	5	2							
		2		53	9		36	9	17	8	25	9	28	9							
		3		116	19		75	19	41	20	58	21	58	18							
		4		174	29	4.1	116	30	57	28	64	23	109	34	4.1	4.2	-.04	4.2	4.1	.01	
		5		146	24		89	23	57	28	77	28	69	21							
		6	Very difficult	97	16		65	17	32	15	44	16	53	16							
	Total	596	100		388	100	207	100	273	100	322	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)



# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation <sup>a</sup>		Self-Reported HS Grades				First-Generation			Self-Reported HS Grades				
				Count	%	Mean	Count	%	Yes	No	A- or higher	B+ or lower	Yes	No	ES	A- or higher	B+ or lower	ES		
c. Paying college or university expenses	cpaycoll	1	Not at all difficult	27	5		12	3	15	7	9	3	18	6						
		2		61	10		27	7	33	16	24	9	36	11						
		3		92	15		54	14	38	18	48	18	44	14						
		4		141	24	4.2	89	23	52	25	60	22	81	25	4.4	3.8 ***	.48	4.3	4.1	.10
		5		138	23		100	26	38	18	66	24	72	22						
		6	Very difficult	136	23		106	27	30	15	66	24	70	22						
		Total		595	100		388	100	206	100	273	100	321	100						
d. Getting help with school work	cgethelp	1	Not at all difficult	47	8		33	9	13	6	15	6	31	10						
		2		134	23		78	20	56	27	62	23	72	22						
		3		183	31		110	28	73	35	87	32	96	30						
		4		136	23	3.2	88	23	48	23	63	23	73	23	3.3	3.0 **	.23	3.3	3.2	.07
		5		72	12		59	15	13	6	35	13	37	11						
		6	Very difficult	22	4		18	5	4	2	9	3	13	4						
		Total		594	100		386	100	207	100	271	100	322	100						
e. Making new friends	cmakefr	1	Not at all difficult	66	11		47	12	19	9	23	8	43	13						
		2		106	18		65	17	41	20	47	17	59	18						
		3		171	29		105	27	65	31	80	29	90	28						
		4		119	20	3.3	86	22	33	16	53	19	66	20	3.4	3.3	.01	3.5	3.2 *	.16
		5		76	13		46	12	30	14	40	15	36	11						
		6	Very difficult	58	10		39	10	19	9	30	11	28	9						
		Total		596	100		388	100	207	100	273	100	322	100						
f. Interacting with faculty	cintfac	1	Not at all difficult	87	15		55	14	32	16	34	13	53	16						
		2		128	22		82	21	45	22	62	23	65	20						
		3		166	28		107	28	59	29	73	27	93	29						
		4		139	23	3.0	97	25	42	20	63	23	76	24	3.0	3.0	.04	3.1	3.0	.11
		5		52	9		32	8	20	10	27	10	25	8						
		6	Very difficult	23	4		15	4	8	4	13	5	10	3						
		Total		595	100		388	100	206	100	272	100	322	100						
<b>19. During the coming school year, about how often do you expect to seek help with coursework from the following sources?</b>																				
a. Faculty members	cseekfac	1	Never	7	1		4	1	3	1	5	2	2	1						
		2	Sometimes	196	33		112	29	84	41	88	32	108	34						
		3	Often	306	52	2.8	204	53	101	49	142	52	163	51	2.9	2.7 ***	.30	2.8	2.8	-.02
		4	Very often	82	14		64	17	18	9	37	14	45	14						
			Total	591	100		384	100	206	100	272	100	318	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons								
				All Students			First-Generation <sup>a</sup>		Self-Reported HS Grades				First-Generation			Self-Reported HS Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
b. Academic advisors	cseekaa	1	Never	7	1			5	1	2	1	2	1	5	2							
		2	Sometimes	169	28			82	21	87	42	80	29	89	28							
		3	Often	302	51	2.9		207	54	94	45	139	51	162	51	3.0	2.7 ***	.46	2.9	2.9	-.01	
		4	Very often	116	20			92	24	24	12	52	19	64	20							
		Total		594	100			386	100	207	100	273	100	320	100							
c. Learning support services (tutoring, writing center, success coaching, etc.)	cseekls	1	Never	18	3			6	2	12	6	7	3	11	3							
		2	Sometimes	157	27			79	21	78	38	78	29	79	25							
		3	Often	272	46	2.9		187	49	85	41	125	46	147	46	3.1	2.7 ***	.52	2.9	2.9	-.05	
		4	Very often	145	24			113	29	31	15	63	23	81	25							
		Total		592	100			385	100	206	100	273	100	318	100							
d. Friends or other students	cseekfrnd	1	Never	7	1			3	1	4	2	3	1	4	1							
		2	Sometimes	124	21			78	20	46	22	61	22	63	20							
		3	Often	278	47	3.1		177	46	101	49	126	46	152	48	3.1	3.0	.13	3.1	3.1	-.05	
		4	Very often	183	31			126	33	56	27	82	30	100	31							
		Total		592	100			384	100	207	100	272	100	319	100							
e. Family members	cseekfam	1	Never	118	20			76	20	42	20	55	20	63	20							
		2	Sometimes	261	44			168	43	93	45	113	41	148	46							
		3	Often	141	24	2.3		89	23	52	25	69	25	72	22	2.3	2.2	.08	2.3	2.3	.05	
		4	Very often	75	13			54	14	20	10	36	13	38	12							
		Total		595	100			387	100	207	100	273	100	321	100							
f. Other persons or offices	cseekoth	1	Never	60	10			37	10	23	11	34	12	26	8							
		2	Sometimes	353	59			212	55	141	68	164	60	189	59							
		3	Often	149	25	2.3		112	29	37	18	63	23	86	27	2.3	2.1 ***	.29	2.2	2.3 *	-.17	
		4	Very often	33	6			26	7	6	3	12	4	20	6							
		Total		595	100			387	100	207	100	273	100	321	100							

### 20. How prepared are you to do the following in your academic work at this institution?

a. Write clearly and effectively	cSGwrite	1	Not at all prepared	4	1			3	1	1	0	1	0	3	1							
		2		10	2			9	2	1	0	7	3	3	1							
		3		72	12			45	12	27	13	38	14	34	11							
		4		215	36	4.5		146	38	69	33	98	36	117	36	4.4	4.6	-.15	4.4	4.6	-.14	
		5		194	33			128	33	65	31	91	33	102	32							
		6	Very prepared	100	17			56	14	44	21	38	14	62	19							
		Total		595	100			387	100	207	100	273	100	321	100							

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Mean	Mean	ES	Mean	Mean	ES
b. Speak clearly and effectively	cSGspeak	1	Not at all prepared	4	1		3	1	1	0	2	1	2	1						
		2		35	6		21	5	14	7	20	7	15	5						
		3		97	16		59	15	38	18	54	20	43	13						
		4		189	32	4.3	133	34	55	27	90	33	98	31	4.3	4.3	-.01	4.2	4.4 **	-.26
		5		171	29		111	29	60	29	71	26	100	31						
		6		97	16	Very prepared	59	15	38	18	36	13	61	19						
		Total		593	100		386	100	206	100	273	100	319	100						
c. Think critically and analytically	cSGthink	1	Not at all prepared	1	0		0	0	1	0	0	0	1	0						
		2		12	2		6	2	6	3	5	2	7	2						
		3		74	12		49	13	25	12	37	14	37	12						
		4		202	34	4.5	140	36	62	30	98	36	104	32	4.5	4.6	-.06	4.5	4.6	-.12
		5		194	33		125	32	68	33	92	34	101	31						
		6		112	19	Very prepared	67	17	45	22	41	15	71	22						
		Total		595	100		387	100	207	100	273	100	321	100						
d. Analyze numerical and statistical information	cSGanalyze	1	Not at all prepared	4	1		2	1	2	1	1	0	3	1						
		2		40	7		28	7	12	6	19	7	21	7						
		3		131	22		89	23	42	20	60	22	71	22						
		4		208	35	4.1	132	34	75	36	98	36	109	34	4.0	4.2	-.10	4.1	4.1	-.02
		5		151	25		103	27	48	23	69	25	82	26						
		6		60	10	Very prepared	32	8	28	14	25	9	35	11						
		Total		594	100		386	100	207	100	272	100	321	100						
e. Work effectively with others	cSGothers	1	Not at all prepared	0	0		0	0	0	0	0	0	0	0						
		2		9	2		4	1	5	2	2	1	7	2						
		3		41	7		25	6	16	8	22	8	19	6						
		4		131	22	4.9	80	21	51	25	61	22	70	22	5.0	4.8	.14	4.9	5.0	-.04
		5		213	36		143	37	70	34	101	37	112	35						
		6		201	34	Very prepared	135	35	65	31	87	32	113	35						
		Total		595	100		387	100	207	100	273	100	321	100						
f. Use computing and information technology	cgncmpt13	1	Not at all prepared	2	0		1	0	1	0	0	0	2	1						
		2		22	4		16	4	6	3	12	4	10	3						
		3		84	14		58	15	26	13	40	15	44	14						
		4		188	32	4.5	124	32	64	31	90	33	98	31	4.4	4.6	-.12	4.4	4.5	-.09
		5		179	30		116	30	63	31	83	31	96	30						
		6		117	20	Very prepared	70	18	46	22	47	17	69	22						
		Total		592	100		385	100	206	100	272	100	319	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES	
Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean					
g. Learn effectively on your own	cgningq	1	Not at all prepared	4	1			4	1	0	0	3	1	1	0						
		2		17	3			14	4	3	1	9	3	8	3						
		3		94	16			65	17	29	14	45	16	49	15						
		4		192	32	4.4		121	31	71	34	89	33	103	32	4.4	4.5	-.12	4.4	4.5	-.06
		5		182	31			113	29	68	33	76	28	105	33						
		6	Very prepared	105	18			69	18	36	17	51	19	54	17						
		Total		594	100			386	100	207	100	273	100	320	100						
<b>21. How important is it to you that your institution provides the following?</b>																					
a. A challenging academic experience	cacadexp	1	Not important	6	1			1	0	5	2	2	1	4	1						
		2		12	2			6	2	6	3	4	1	8	2						
		3		117	20			71	18	46	22	49	18	68	21						
		4		216	36	4.2		138	36	78	38	96	35	120	37	4.3	4.1 **	.25	4.3	4.2	.14
		5		185	31			129	33	55	27	95	35	89	28						
		6	Very important	59	10			42	11	17	8	27	10	32	10						
		Total		595	100			387	100	207	100	273	100	321	100						
b. Support to help students succeed academically	cSEacad	1	Not important	0	0			0	0	0	0	0	0	0	0						
		2		3	1			3	1	0	0	1	0	2	1						
		3		11	2			5	1	6	3	6	2	5	2						
		4		71	12	5.5		45	12	26	13	25	9	46	14	5.5	5.4	.08	5.5	5.4	.10
		5		137	23			85	22	52	25	65	24	72	22						
		6	Very important	373	63			249	64	123	59	176	64	196	61						
		Total		595	100			387	100	207	100	273	100	321	100						
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	cSEdiv	1	Not important	6	1			4	1	2	1	1	0	5	2						
		2		5	1			3	1	2	1	2	1	3	1						
		3		25	4			9	2	16	8	14	5	11	3						
		4		94	16	5.2		58	15	36	17	45	16	49	15	5.3	5.1 *	.19	5.2	5.2	-.01
		5		161	27			108	28	53	26	74	27	87	27						
		6	Very important	304	51			205	53	98	47	137	50	166	52						
		Total		595	100			387	100	207	100	273	100	321	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

# Frequencies and Statistical Comparisons

## California State University-Channel Islands

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation <sup>a</sup>				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES
d. Help managing your non-academic responsibilities (work, family, etc.)	cSEnac	1	Not important	7	1		2	1	5	2	4	1	3	1						
		2		23	4		12	3	11	5	12	4	11	3						
		3		68	11		32	8	36	17	31	11	37	12						
		4		149	25	4.7	99	26	50	24	57	21	92	29	4.9	4.4 ***	.38	4.7	4.7	.05
		5		143	24		89	23	54	26	70	26	73	23						
		6	Very important	205	34		153	40	51	25	99	36	105	33						
	Total	595	100		387	100	207	100	273	100	321	100								
e. Opportunities to be involved socially	cSEsoc	1	Not important	2	0		2	1	0	0	1	0	1	0						
		2		17	3		9	2	8	4	7	3	10	3						
		3		62	10		29	7	33	16	28	10	34	11						
		4		128	22	4.8	87	22	41	20	56	21	72	22	4.9	4.7 *	.19	4.9	4.8	.07
		5		172	29		115	30	57	28	77	28	95	30						
		6	Very important	214	36		145	37	68	33	104	38	109	34						
	Total	595	100		387	100	207	100	273	100	321	100								
f. Opportunities to attend campus activities and events	cSEact	1	Not important	5	1		2	1	3	1	3	1	2	1						
		2		12	2		7	2	5	2	4	1	8	2						
		3		50	8		20	5	30	14	17	6	33	10						
		4		131	22	4.9	86	22	44	21	61	22	69	21	5.0	4.7 **	.26	5.0	4.8	.14
		5		183	31		126	33	57	28	80	29	103	32						
		6	Very important	214	36		146	38	68	33	108	40	106	33						
	Total	595	100		387	100	207	100	273	100	321	100								
g. Learning support services (tutoring, writing center, success coaching, etc.)	cSEserv	1	Not important	0	0		0	0	0	0	0	0	0							
		2		6	1		3	1	3	1	3	1	3	1						
		3		31	5		13	3	18	9	13	5	18	6						
		4		91	15	5.2	52	13	39	19	40	15	51	16	5.3	5.0 ***	.32	5.3	5.2	.05
		5		152	26		98	25	54	26	70	26	82	26						
		6	Very important	313	53		220	57	92	45	147	54	165	52						
	Total	593	100		386	100	206	100	273	100	319	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

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**BCSSE 2020**  
**First-Year Student Scale Means**  
California State University-Channel Islands

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BCSSE Scales provide a useful summary of the detailed information contained in your students' BCSSE responses. By combining responses to related BCSSE questions, each scale offers valuable information about a distinct aspect of student engagement.

- Student status:** Class level as reported by your students.
- Scale description and variable name :** A brief description of the BCSSE scale along with the variable name for easy reference to your datafile and codebook. See Scale Descriptions for more information.
- Mean :** The unweighted scale mean is reported overall for the institution, as well as by first-generation status and high school grades.
- Statistical comparisons :** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed 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. Consult effect sizes (see #5) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests
- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. Effect sizes for independent  $t$ -tests use Cohen's  $d$ . Cohen's  $d$  is calculated by dividing the mean difference by the pooled standard deviation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

**Scale Mean Scores and Selected Student Comparisons**

**BCSSEville State University**

**First-Year Students** ← 1

BCSSE Scales	Variable <sup>a</sup>	All Students			First-Generation <sup>a</sup>			Self-Reported High School Grades			
		Mean	SD	N	Yes	No	ES	A- or higher	B+ or lower	ES	
		Mean	Mean		Mean	Mean		Mean	Mean		
<b>Quantitative Reasoning</b>											
<i>High school engagement with analysis and numerical information</i>	HS_QR	26.3	14.1	1221	25.4	27.7	**	-.16	26.6	26.2	.02
<b>Learning Strategies</b>											
<i>Use of effective learning strategies in high school</i>	HS_LS	36.6	12.7	1220	36.4	36.8		-.04	37.5	35.3	**
<b>Collaborative Learning</b>											
<i>Expectation to interact and collaborate with peers</i>	EXP_CL	34.9	10.7	1232	34.3	35.1		-.07	35.5	33.6	**
<b>Student-Faculty Interaction</b>											
<i>Expectation to interact and engage with faculty</i>	EXP_SFI	30.4	11.5	1234	29.9	30.9		-.09	30.4	30.0	.05
<b>Expected Discussions with Diverse Others</b>											
<i>Expectation to engage in discussions with diverse others</i>	EXP_DD	42.1	13.9	1233	40.8	43.0	**	-.15	43.1	40.1	***
<b>Expected Academic Perseverance</b>											
<i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	40.6	9.8	1233	40.8	41.1		-.03	41.8	39.8	***
<b>Expected Academic Difficulty</b>											
<i>Expected academic difficulty during the coming year</i>	EXP_DIF	26.3	10.4	1233	26.9	25.0	**	.18	25.9	26.3	-.04
<b>Perceived Academic Preparation</b>											
<i>Student perception of their academic preparation</i>	PER_PREP	41.9	10.2	1233	41.6	42.9	*	-.13	43.4	40.6	**
<b>Importance of Campus Environment</b>											
<i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	41.3	10.7	1233	41.1	41.7		-.05	42.2	40.1	***

2, 3, 4, 5

## Scale Mean Scores and Selected Student Comparisons

### California State University-Channel Islands

#### First-Year Students

BCSSE Scales	Variable <sup>b</sup>	All Students			First-Generation <sup>a</sup>			Self-Reported High School Grades			
					Yes	No	ES	A- or higher	B+ or lower	ES	
		Mean	SD	N	Mean	Mean		Mean	Mean		
<b>Quantitative Reasoning</b> <i>High school engagement with analysis and numerical information</i>	HS_QR	30.1	14.1	596	28.9	32.6	**	-.27	29.4	30.8	-.09
<b>Learning Strategies</b> <i>Use of effective learning strategies in high school</i>	HS_LS	40.6	11.8	599	41.0	40.1	.07		40.3	40.9	-.05
<b>Collaborative Learning</b> <i>Expectation to interact and collaborate with peers</i>	EXP_CL	38.6	11.9	595	40.0	35.9	***	.35	38.4	38.8	-.04
<b>Student-Faculty Interaction</b> <i>Expectation to interact and engage with faculty</i>	EXP_SFI	34.5	13.5	596	35.9	31.8	***	.31	33.8	35.1	-.09
<b>Expected Discussions with Diverse Others</b> <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	46.1	13.3	596	45.0	48.0	**	-.22	45.1	46.9	-.13
<b>Expected Academic Perseverance</b> <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	43.8	9.3	596	44.9	41.5	***	.38	43.6	43.8	-.03
<b>Expected Academic Difficulty</b> <i>Expected academic difficulty during the coming year</i>	EXP_DIF	31.4	10.6	596	31.9	30.5	.13		31.8	31.1	.07
<b>Perceived Academic Preparation</b> <i>Student perception of their academic preparation</i>	PER_PREP	41.6	9.4	595	41.3	42.0	-.08		40.8	42.2	-.14
<b>Importance of Campus Environment</b> <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	47.2	8.9	595	48.3	45.2	***	.34	47.7	46.8	.11



### 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
<i>Quantitative Reasoning</i> ( <i>HS_QR</i> )	High school engagement with analysis and numerical information (First-year students only)	hQRconclud, hQRproblm, hQRrevaluat
<i>Learning Strategies</i> ( <i>HS_LS</i> )	Use of effective learning strategies in high school. (First-year students only)	hLSreading, hLSnotes, hLSsummary
<i>Learning Strategies</i> ( <i>TR_LS</i> )	Use of effective learning strategies at prior institution (Transfer students only)	tLSreading, tLSnotes, tLSsummary
<i>Collaborative Learning</i> ( <i>EXP_CL</i> )	Expectation to interact and collaborate with peers	cCLaskhlp, cCLxplain, cCLstudy, cCLproject
<i>Student-Faculty Interaction</i> ( <i>EXP_SFI</i> )	Expectation to interact and engage with faculty	cSFcareer, cSFothrwrk, cSFprform, cSFdiscuss
<i>Discussions with Diverse Others</i> ( <i>EXP_DD</i> )	Expectation to engage in discussions with diverse others	cDVrace, cDVeconomc, cDVreligion, cDVpolitical
<i>Academic Perseverance</i> ( <i>EXP_PER</i> )	Student certainty that they will persist in the face of academic adversity	cotherint, cfindinfo, ccourdis, caskinst, cfinish, cstaypos
<i>Academic Difficulty</i> ( <i>EXP_DIF</i> )	Expected academic difficulty during the coming year	clearnma, cmantime, cgethelp, cintfac
<i>Perceived Academic Preparation</i> ( <i>PER_PREP</i> )	Student perception of their academic preparation	cSGwrite, cSGspeak, cSGthink, cSGanalyze, cSGothers, cgncompt13, cgningq
<i>Importance of Campus Environment</i> ( <i>IMP_CAMP</i> )	Student-rated importance that the institution provides a challenging and supportive environment	cacadexp, cSEacad, cSEdiv, cSEacad, cSEsoc, cSEact, cSEserv

- a. First generation is defined as no parent or guardian having graduated with a 4-year college degree.
- b. Please refer to BCSSE Scale Descriptions for items included in the scale.
- c. 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.