
BCSSE 2019

Transfer Student Institutional Report

California State University, Fullerton

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 2019.
- Web respondents who graduated high school in 2018 or 2017 and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2018 or 2017 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.

Delayed-entry (older) students were those respondents who met one of the following criteria:

- Web respondents who graduated high school in 2016 or earlier and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2016 or earlier and did attend another institution since graduating high school and expects to transfer 11 or fewer credits.

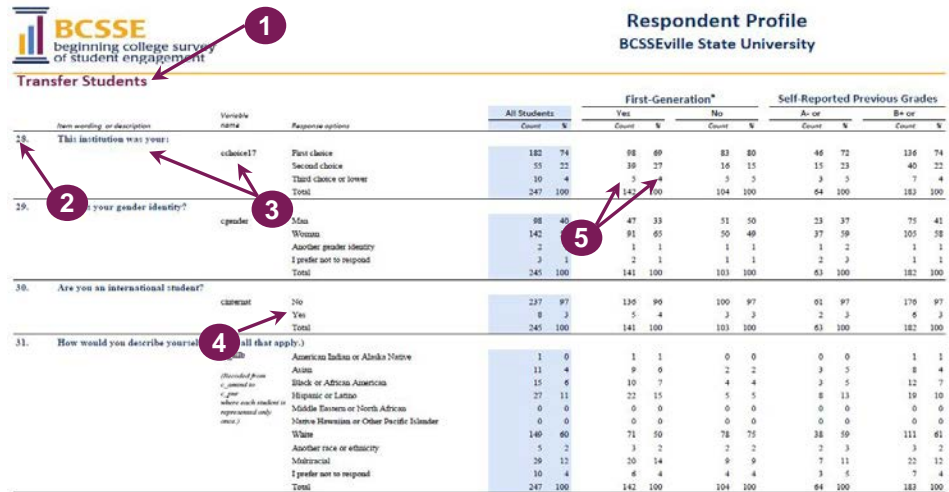
BCSSE 2019
Transfer Student Respondent Profile
California State University, Fullerton

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) or contact your BCSSE Project Services team.

- Student status:** As reported by your students.
- Item numbers:** Numbering corresponds to the survey facsimile and codenook 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



Item wording or description	Variable name	Response options	All Students		First-Generation*		Self-Reported Previous Grades					
			Count	%	Yes Count	%	No Count	%	A- or B- or Count	%		
28. This institution was your:	institution17	First choice Second choice Third choice or lower Total	182 51 10 247	74 22 4 100	98 38 3 144	69 27 3 100	83 16 3 104	80 15 3 100	46 15 3 64	72 23 3 100	136 40 7 183	74 22 4 100
29. your gender identity?	gender	Male Woman Assign gender identity I prefer not to respond Total	98 142 2 3 245	40 58 1 1 100	47 91 1 2 141	33 65 1 1 100	51 50 1 1 103	50 49 1 1 100	23 37 1 2 63	37 59 1 3 100	75 58 1 1 182	41 58 1 1 100
30. Are you an international student?	international	No Yes Total	237 8 245	97 3 100	136 5 141	90 4 100	100 3 103	97 3 100	61 2 63	97 3 100	176 8 182	97 3 100
31. How would you describe yourself?	ethnicity	All that apply: 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	1 11 15 27 0 0 140 5 26 10 247	0 4 6 11 0 0 60 2 12 4 100	1 9 10 22 0 0 71 3 20 8 141	1 0 7 15 0 0 50 2 14 4 100	0 2 4 5 0 0 78 2 9 4 104	0 2 4 5 0 0 75 2 9 4 100	0 3 3 8 0 0 38 3 11 5 64	0 5 5 13 0 0 59 3 11 5 100	1 8 12 19 0 0 111 3 22 7 183	1 4 7 10 0 0 61 2 12 4 100

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades				
			Count	%	Yes		No		A- or		B+ or		
					Count	%	Count	%	Count	%	Count	%	
1. Please indicate the year you graduated from high school:													
	hgradyr	Prior to 2016	189	51	104	53	46	49	76	45	111	56	
		2016	95	26	50	26	22	24	40	24	54	27	
		2017	81	22	38	19	22	24	48	28	33	17	
		2018	6	2	3	2	3	3	5	3	1	1	
		2019	0	0	0	0	0	0	0	0	0	0	
		Total	371	100	195	100	93	100	169	100	199	100	
W1. Since graduating from high school, which of the following have you done? (Select all that apply.)													
	tattend	Attend another college or university	371	100	195	100	93	100	169	100	199	100	
	tmilitary	Military service	3	1	2	1	1	1	2	1	1	1	
	twork_ft	Work full-time	113	30	63	32	28	30	45	27	67	34	
	twork_pt	Work part-time	193	52	101	52	52	56	92	54	100	50	
	thome	Homemaker or stay at home spouse	13	4	9	5	1	1	8	5	5	3	
	tvolunteer	Volunteer	62	17	34	17	14	15	29	17	33	17	
	tsinceoth	Other	2	1	1	1	0	0	0	0	2	1	
W2. Since graduating from high school, which of the following types of schools have you attended other than this institution? (Select all that apply.)													
	tattend_voc	Vocational or technical school	11	3	7	4	1	1	6	4	5	3	
	tattend_com	Community or junior college	361	97	191	98	91	98	166	98	192	96	
	tattend_col	4-year college or university other than this one	32	9	15	8	12	13	13	8	18	9	
	tattend_other	Other	2	1	1	1	1	1	1	1	1	1	
W3. About how many credits do you expect to transfer to this institution?													
	ttransfr_cr	0	0	0	0	0	0	0	0	0	0	0	
		1-11	0	0	0	0	0	0	0	0	0	0	
		12-30	4	1	1	1	2	2	0	0	4	2	
		31-45	10	3	3	2	3	3	5	3	5	3	
		46-60	130	35	71	36	28	30	50	30	79	40	
		More than 60	227	61	120	62	60	65	114	67	111	56	
		Total	371	100	195	100	93	100	169	100	199	100	

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades			
					Yes		No		A- or		B+ or	
			Count	%	Count	%	Count	%	Count	%	Count	%
WT4. What were most of your grades at the other institution(s) you attended?	tgrades	C- or lower	0	0	0	0	0	0	0	0	0	0
		C	2	1	1	1	0	0	0	0	2	1
		C+	8	2	7	4	1	1	0	0	8	4
		B-	12	3	5	3	4	4	0	0	12	6
		B	89	24	43	22	22	24	0	0	89	45
		B+	88	24	51	26	21	23	0	0	88	44
		A-	39	11	19	10	11	12	39	23	0	0
		A	130	35	68	35	32	35	130	77	0	0
		Grades not used	0	0	0	0	0	0	0	0	0	0
		Total	368	100	194	100	91	100	169	100	199	100
WT6. What is the most recent year you were enrolled at other institution?	tattendyr	2019	302	83	168	86	71	78	141	84	160	82
		2018	43	12	20	10	15	16	20	12	23	12
		2017	5	1	2	1	1	1	3	2	2	1
		2016	4	1	0	0	2	2	1	1	3	2
		2015	4	1	2	1	2	2	1	1	3	2
		2014	4	1	3	2	0	0	1	1	3	2
		Prior to 2014	2	1	0	0	0	0	1	1	1	1
		Total	364	100	195	100	91	100	168	100	195	100
WT7. Will you continue attending this other institution during the coming school year?	tcontin	No	229	76	129	76	54	76	109	76	119	75
		Yes	49	16	28	16	9	13	22	15	27	17
		Not sure	25	8	13	8	8	11	12	8	13	8
		Total	303	100	170	100	71	100	143	100	159	100

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades			
					Yes		No		A- or		B+ or	
			Count	%	Count	%	Count	%	Count	%	Count	%
WT8. Which of the following describes why you are no longer enrolled at other institution(s)? (Select all that apply.)												
	tcomplprg	Completed program/degree	179	78	104	81	38	70	84	77	94	79
	tplanned	Always planned on transferring	131	57	77	60	35	65	63	58	68	57
	texpense	Too expensive	2	1	0	0	1	2	0	0	2	2
	tnomajor	Did not offer the major you are interested in	8	3	2	2	4	7	6	6	2	2
	tinconven	Inconvenient course scheduling	2	1	1	1	0	0	0	0	2	2
	ttoofar	Too far from where you lived	1	0	1	1	0	0	1	1	0	0
	tfamperinfl	Family or personal relationship	1	0	1	1	0	0	1	1	0	0
	tqacad	Quality of academic programs	2	1	1	1	0	0	0	0	2	2
	tacaddiff	Academic difficulty	0	0	0	0	0	0	0	0	0	0
	tdissatis	Personal dissatisfaction	1	0	1	1	0	0	0	0	1	1
	treasnoth	Other	3	1	2	2	1	2	0	0	3	3
WTD10. How many more years do you expect it will take to complete your bachelor's degree?												
	tyrscmpl	1 year	2	1	0	0	2	2	2	1	0	0
		2 years	259	73	145	74	68	73	109	67	148	78
		3 years	77	22	41	21	18	19	45	28	32	17
		4 years or longer	18	5	9	5	5	5	7	4	10	5
		Do not plan to complete a bachelor's degree	0	0	0	0	0	0	0	0	0	0
		Total	356	100	195	100	93	100	163	100	190	100
WTD11. Will you take at least one course from another college or university while attending this institution?												
	tanthinst	No	192	54	103	53	48	52	87	54	102	54
		Yes	30	8	20	10	5	5	14	9	16	9
		Not sure	131	37	71	37	40	43	61	38	70	37
		Total	353	100	194	100	93	100	162	100	188	100

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades			
					Yes		No		A- or		B+ or	
			Count	%	Count	%	Count	%	Count	%	Count	%
22.	Which of the following sources are you using to pay your education expenses (tuition, fees, books, room & board, etc.)? For each, tell us if you are using, not using, or not sure.											
Support from parents or relatives	cparents	Using	158	53	86	45	65	71	76	58	81	50
		Not using	105	35	86	45	15	16	42	32	61	38
		Not sure	33	11	20	10	11	12	14	11	19	12
		Total	296	100	192	100	91	100	132	100	161	100
Loans	cloans	Using	70	24	49	25	18	20	32	24	36	23
		Not using	157	53	101	52	50	56	74	56	82	52
		Not sure	68	23	43	22	22	24	27	20	41	26
		Total	295	100	193	100	90	100	133	100	159	100
Grants or scholarships	cgrants	Using	161	54	121	62	33	36	81	60	79	49
		Not using	72	24	41	21	29	32	28	21	43	27
		Not sure	66	22	33	17	30	33	25	19	40	25
		Total	299	100	195	100	92	100	134	100	162	100
Employment on- or off-campus	cjob	Using	194	65	133	69	54	59	86	64	107	67
		Not using	60	20	33	17	24	26	29	22	30	19
		Not sure	43	14	28	14	13	14	19	14	23	14
		Total	297	100	194	100	91	100	134	100	160	100
Personal savings or other sources	cpersonal	Using	190	64	129	66	55	60	91	68	98	61
		Not using	68	23	43	22	23	25	26	19	40	25
		Not sure	40	13	22	11	14	15	17	13	23	14
		Total	298	100	194	100	92	100	134	100	161	100
23.	What do you expect most of your grades will be during the coming year? (Select only one.)											
	cgrades19	C- or lower	0	0	0	0	0	0	0	0	0	0
		C	0	0	0	0	0	0	0	0	0	0
		C+	1	0	1	1	0	0	0	0	1	1
		B-	5	2	3	2	1	1	1	1	4	2
		B	53	18	33	17	16	17	6	5	47	29
		B+	73	24	51	26	22	24	19	14	53	33
		A-	62	21	39	20	21	23	32	24	30	18
		A	104	35	67	35	33	35	74	56	28	17
		Grades not used	0	0	0	0	0	0	0	0	0	0
		Total	298	100	194	100	93	100	132	100	163	100

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades			
					Yes		No		A- or		B+ or	
			Count	%	Count	%	Count	%	Count	%	Count	%
24. Do you expect to graduate from this institution?	cintgrad	No	0	0	0	0	0	0	0	0	0	
		Yes	293	99	193	99	91	98	130	98	160	99
		Uncertain	4	1	2	1	2	2	2	2	2	1
		Total	297	100	195	100	93	100	132	100	162	100
25. Do you know what your major will be?	cmajor	No	3	1	2	1	1	1	1	1	2	1
		Yes, specify	294	99	193	99	92	99	131	99	160	99
		Total	297	100	195	100	93	100	132	100	162	100
<i>(Recoded variable cmajcode into one of 12 major categories listed at right.)</i>	cmajrcol	Arts & Humanities	57	19	36	19	20	22	37	28	20	13
		Biological Sci., Agriculture, & Natural Resources	4	1	3	2	1	1	1	1	3	2
		Physical Sci., Mathematics, & Computer Science	6	2	6	3	0	0	1	1	5	3
		Social Sciences	86	29	59	31	21	23	31	24	54	34
		Business	36	12	22	11	14	15	17	13	18	11
		Communications, Media, & Public Relations	15	5	7	4	8	9	7	5	8	5
		Education	18	6	13	7	5	5	8	6	10	6
		Engineering	3	1	0	0	3	3	2	2	1	1
		Health Professions	30	10	20	10	10	11	19	15	11	7
		Social Service Professions	22	8	15	8	6	7	4	3	18	11
		All Other	15	5	12	6	3	3	4	3	10	6
		Undecided, Undeclared	1	0	0	0	1	1	0	0	1	1
		Total	293	100	193	100	92	100	131	100	159	100
26. Are you (or will you be) a full-time student at this institution?	cfulltime18	No	20	7	13	7	7	8	6	5	13	8
		Yes	269	93	182	93	85	92	123	95	144	92
		Total	289	100	195	100	92	100	129	100	157	100
27. How many of your close friends will attend this college during the coming year?	cfriends	None	116	40	82	42	33	36	51	40	62	40
		1	63	22	40	21	23	25	26	20	37	24
		2	55	19	36	19	19	21	32	25	23	15
		3	28	10	18	9	9	10	10	8	18	12
		4 or more	25	9	18	9	7	8	9	7	16	10
		Total	287	100	194	100	91	100	128	100	156	100

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades			
			Count	%	Yes		No		A- or		B+ or	
					Count	%	Count	%	Count	%	Count	%
28. This institution was your:	cchoice17	First choice	220	77	151	78	69	75	96	75	123	79
		Second choice	59	21	38	20	20	22	29	23	28	18
		Third choice or lower	8	3	5	3	3	3	3	2	5	3
		Total	287	100	194	100	92	100	128	100	156	100
29. What is your gender identity?	cgender	Man	81	28	50	26	31	33	35	27	45	29
		Woman	199	69	142	73	56	60	92	71	105	68
		Another gender identity	4	1	1	1	3	3	2	2	2	1
		I prefer not to respond	4	1	1	1	3	3	1	1	3	2
		Total	288	100	194	100	93	100	130	100	155	100
30. Are you an international student?	cinternat	No	271	95	183	95	87	97	119	94	149	97
		Yes	13	5	10	5	3	3	8	6	5	3
		Total	284	100	193	100	90	100	127	100	154	100
31. How would you describe yourself? (Select all that apply.)	re_allb	American Indian or Alaska Native	0	0	0	0	0	0	0	0	0	0
		Asian	26	9	14	7	12	13	14	11	12	8
	(Recoded from c_aminid to c_pnr where each student is represented only once.)	Black or African American	4	1	3	2	1	1	2	2	2	1
		Hispanic or Latino	126	44	104	53	22	24	40	31	84	55
		Middle Eastern or North African	5	2	2	1	3	3	1	1	4	3
		Native Hawaiian or Other Pacific Islander	3	1	3	2	0	0	2	2	1	1
		White	71	25	31	16	40	43	48	37	23	15
		Another race or ethnicity	3	1	3	2	0	0	2	2	1	1
		Multiracial	49	17	35	18	14	15	21	16	27	18
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	287	100	195	100	92	100	130	100	154	100

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades			
					Yes		No		A- or		B+ or	
			Count	%	Count	%	Count	%	Count	%	Count	%
32. Regarding your parents (or those who raised you), what is the highest level of education completed by either of them?												
	cpardegr18	Did not finish high school	66	23	66	34	0	0	19	15	46	30
		High school diploma or G.E.D.	51	18	51	26	0	0	23	18	28	18
		Attended college, but did not complete degree	54	19	54	28	0	0	30	23	24	15
		Associate's degree (A.A., A.S., etc.)	24	8	24	12	0	0	15	12	9	6
		Bachelor's degree (B.A., B.S., etc.)	54	19	0	0	54	58	24	18	28	18
		Master's degree (M.A., M.S., etc.)	33	11	0	0	33	35	17	13	16	10
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	6	2	0	0	6	6	2	2	4	3
		Total	288	100	195	100	93	100	130	100	155	100
First-generation status (Neither parent holds a bachelor's degree. Recoded from cpardegr18.)	bfirstgen	First-generation	195	68	195	100	0	0	87	67	107	69
		Not first-generation	93	32	0	0	93	100	43	33	48	31
		Total	288	100	195	100	93	100	130	100	155	100
33. Which of the following best describes where you will be living while attending college?												
	cliving18	Campus housing (other than a fraternity or sorority house)	17	6	8	4	9	10	13	10	4	3
		Fraternity or sorority house	4	1	3	2	1	1	2	2	2	1
		House, apartment, or other residence within walking distance to campus	31	11	21	11	10	11	19	15	12	8
		House, apartment, or other residence farther than walk. dist. to campus	228	80	159	83	69	75	91	71	134	88
		Not applicable: No campus, entirely online program, etc.	2	1	1	1	1	1	2	2	0	0
		Not applicable: Homeless or in transition	2	1	0	0	2	2	2	2	0	0
		Total	284	100	192	100	92	100	129	100	152	100



BCSSE 2019

Transfer Student Frequencies and Statistical Comparisons

California State University, Fullerton

Frequencies and Statistical Comparisons

About This Report

The Frequencies and Statistical Comparisons report presents item-by-item student responses and statistical 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 (bcse.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 codenook 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. Exceptions are items WTD12 which are compared using a z -test.

BCSSE beginning college survey of student engagement
Transfer Students

Frequencies and Statistical Comparisons
 BCSSEville State University

Item wording or identifier	Values*	Response options	Frequency Distributions								Statistical Comparisons							
			All Students		First-Generation		Self-Reported Previous Grades		First-Generation		Self-Reported Previous Grades							
			Count	% Mean	Yes	No	A- or higher	B+ or lower	Yes	No	A- or higher	B+ or lower						
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES		
WTD7: During your most recent year enrolled at the other institution, about how often did you do the following?																		
a. Accessed key information from reading assignments	t1.Sreading	1 Never	2	1	1	1	1	0	0	2	1							
		2 Sometimes	50	20	30	21	19	18	11	17	39	21						
		3 Often	117	47	62	44	53	51	28	44	89	48	3.1	3.1	.04	3.2	3.1	.21
		4 Very often	80	32	49	35	30	29	25	39	55	30						
		Total	249	100	142	100	103	100	64	100	185	100						
b. Reviewed your notes after class	t1.Snotes	1 Never	13	5	7	5	5	5	8	12	5	3						
		2 Sometimes	73	29	46	32	26	25	14	22	59	32						
		3 Often	100	40	55	39	43	41	26	40	74	40	2.8	2.9	-.15	2.8	2.9	-.09
		4 Very often	64	26	31	22	30	29	17	26	47	25						
		Total	250	100	142	100	104	100	65	100	185	100						
c. Summarized what you learned in class or from course materials	t1.Ssummary	1 Never	14	6	5	3	3	3	6	9	8	4						
		2 Sometimes	79	32	53	37	26	25	17	26	62	34						
		3 Often	101	40	53	37	47	45	27	42	74	40	2.7	3.0*	-.30	2.8	2.8	-.02
		4 Very often	56	22	28	20	28	27	15	23	41	22						
		Total	250	100	142	100	104	100	65	100	185	100						
WTD9: How important were the following reasons for choosing this institution?																		
a. Affordability	tafford	1 Not important	15	6	8	6	7	7	4	6	11	6						
		2	14	6	5	4	9	9	3	5	11	6						
		3	56	22	25	18	30	29	17	26	39	21						
		4	47	19	23	16	24	23	13	20	34	18	4.6	3.9***	-.65	4.2	4.4	-.11
		5	28	11	19	13	9	9	9	14	19	10						
		6 Very important	89	36	62	44	24	23	19	29	70	38						
		Total	249	100	142	100	103	100	65	100	184	100						
b. Location	tlloc	1 Not important	25	10	15	11	10	10	5	8	20	11						
		2	15	6	7	5	7	7	4	6	11	6						
		3	22	9	12	9	10	10	4	6	18	10						
		4	35	14	15	11	20	19	11	17	24	13	4.6	4.4	.12	4.6	4.5	.04
		5	44	18	25	18	18	17	16	25	28	15						
		6 Very important	107	43	66	47	39	38	24	38	83	45						
		Total	248	100	140	100	104	100	64	100	184	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, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions																	
				All Students			First-Generation				Self-Reported Previous Grades				Statistical Comparisons						
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		First-Generation		Self-Reported Previous Grades				
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES	
WT5. During your most recent year enrolled at the other institution, about how often did you do the following?																					
a. Identified key information from reading assignments	tLSreading	1	Never	1	0	1	1	0	0	0	0	1	1								
		2	Sometimes	55	15	32	16	14	15	25	15	30	15								
		3	Often	155	43	3.3	80	41	41	45	65	39	89	46	3.2	3.2	.01	3.3	3.2	.14	
		4	Very often	152	42	82	42	36	40	78	46	74	38								
		Total		363	100	195	100	91	100	168	100	194	100								
b. Reviewed your notes after class	tLSnotes	1	Never	9	2	6	3	3	3	5	3	3	2								
		2	Sometimes	80	22	43	22	22	24	35	21	45	23								
		3	Often	145	40	3.1	77	39	40	44	65	39	80	41	3.1	3.0	.11	3.1	3.1	.03	
		4	Very often	130	36	69	35	26	29	63	38	67	34								
		Total		364	100	195	100	91	100	168	100	195	100								
c. Summarized what you learned in class or from course materials	tLSsummary	1	Never	8	2	5	3	1	1	4	2	4	2								
		2	Sometimes	88	24	51	26	26	29	36	21	51	26								
		3	Often	156	43	3.0	84	43	39	43	67	40	89	46	3.0	3.0	.02	3.1	2.9	.19	
		4	Very often	110	30	55	28	24	27	61	36	49	25								
		Total		362	100	195	100	90	100	168	100	193	100								
WTD9. How important were the following reasons for choosing this institution?																					
a. Affordability	tafford	1	Not important	10	3	6	3	3	3	3	2	7	4								
		2		7	2	3	2	4	4	4	2	3	2								
		3		28	8	17	9	5	5	11	7	17	9								
		4		55	15	5.1	29	15	14	15	24	15	31	16	5.1	4.9	.18	5.1	5.0	.12	
		5		64	18	21	11	30	32	30	18	33	17								
		6	Very important	195	54	119	61	37	40	93	56	100	52								
Total		359	100	195	100	93	100	165	100	191	100										
b. Location	tnear	1	Not important	8	2	6	3	2	2	2	1	6	3								
		2		4	1	3	2	1	1	2	1	2	1								
		3		25	7	15	8	7	8	11	7	14	7								
		4		46	13	5.2	21	11	11	12	23	14	23	12	5.1	5.1	.07	5.2	5.1	.01	
		5		80	22	36	19	31	33	43	26	36	19								
		6	Very important	194	54	111	58	41	44	84	51	108	57								
Total		357	100	192	100	93	100	165	100	189	100										

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation		No		Self-Reported Previous Grades		A- or higher		B+ or lower		First-Generation		Self-Reported Previous Grades		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
c. You can transfer most or all of your credits	ttrnsfr	1	Not important	1	0		1	1	0	0	1	1	0	0							
		2		0	0		0	0	0	0	0	0	0	0							
		3		8	2		5	3	2	2	4	2	4	2							
		4		24	7	5.6	11	6	7	8	12	7	12	6	5.6	5.6	.02	5.6	5.7	-.09	
		5		55	15		30	15	16	17	26	16	29	15							
		6	Very important	268	75		148	76	68	73	120	74	145	76							
	Total	356	100		195	100	93	100	163	100	190	100									
d. Offers the major(s) you are interested in	toffermjr	1	Not important	2	1		1	1	1	1	1	1	1								
		2		0	0		0	0	0	0	0	0	0								
		3		6	2		5	3	1	1	3	2	3	2							
		4		17	5	5.7	12	6	4	4	7	4	10	5	5.6	5.7	-.02	5.7	5.7	.07	
		5		45	13		25	13	15	16	17	10	28	15							
		6	Very important	284	80		152	78	70	77	134	83	147	78							
	Total	354	100		195	100	91	100	162	100	189	100									
e. Quality of academic programs	tqualacad	1	Not important	0	0		0	0	0	0	0	0	0								
		2		0	0		0	0	0	0	0	0	0								
		3		4	1		3	2	1	1	1	1	3	2							
		4		23	6	5.6	13	7	8	9	10	6	13	7	5.6	5.5	.07	5.6	5.6	.07	
		5		85	24		47	24	25	27	39	24	46	24							
		6	Very important	243	68		131	68	59	63	112	69	128	67							
	Total	355	100		194	100	93	100	162	100	190	100									
f. You can finish your degree quickly	tfinish	1	Not important	2	1		1	1	0	0	1	1	1	1							
		2		2	1		1	1	1	1	1	1	1								
		3		23	6		14	7	7	8	15	9	8	4							
		4		64	18	5.1	35	18	18	20	30	18	34	18	5.2	5.0	.12	5.0	5.2	-.20	
		5		87	25		43	22	28	30	44	27	43	23							
		6	Very important	176	50		100	52	38	41	72	44	101	54							
	Total	354	100		194	100	92	100	163	100	188	100									
g. Flexible scheduling of courses	tflex	1	Not important	1	0		1	1	0	0	0	0	1	1							
		2		2	1		0	0	2	2	1	1	1	1							
		3		18	5		10	5	4	4	8	5	10	5							
		4		54	15	5.3	31	16	19	20	23	14	31	16	5.3	5.1	.18	5.3	5.3	-.05	
		5		68	19		34	18	22	24	41	25	27	14							
		6	Very important	213	60		118	61	46	49	88	55	122	64							
	Total	356	100		194	100	93	100	161	100	192	100									

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons				
				All Students			First-Generation				Self-Reported Previous Grades				First-Generation			Self-Reported Previous Grades		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean
h. Family or personal relationship	tfamper2	1	Not important	58	16	4.1	31	16	16	17	32	20	26	14	4.1	3.8	.20	3.9	4.2	-.17
		2		16	4		6	3	6	7	7	4	9	5						
		3		58	16		30	15	21	23	29	18	28	15						
		4		55	15		33	17	12	13	19	12	36	19						
		5		52	15		28	14	13	14	30	19	22	12						
		6	Very important	117	33		67	34	24	26	45	28	70	37						
		Total		356	100		195	100	92	100	162	100	191	100						
i. Other	timpoth	1	Not important	34	35	3.5	19	35	11	58	17	33	17	36	3.5	2.3 *	.62	3.7	3.3	.22
		2		1	1		1	2	0	0	0	0	1	2						
		3		11	11		7	13	2	11	4	8	7	15						
		4		15	15		7	13	3	16	7	14	8	17						
		5		9	9		4	7	3	16	6	12	3	6						
		6	Very important	28	29		17	31	0	0	17	33	11	23						
		Total		98	100		55	100	19	100	51	100	47	100						
WTD12. During the coming school year, which do you think will cause you stress? (Select all that apply.)^d																				
	tstrss_tra	Transitioning back to being a student	87	25		46	24	24	26	36	22	51	27	24%	26%	-.05	22%	27%	-.11	
	tstrss_bal	Balancing school and other commitments (work, family, etc)	286	81		160	82	77	83	125	77	159	85	82%	83%	-.01	77%	85%	-.19	
	tstrss_bas	Not having enough money for basic needs (housing, food, and transportation)	139	39		79	41	29	31	60	37	77	41	41%	31%	.20	37%	41%	-.08	
	tstrss_acd	Not having enough money for college expenses (tuition, fees, books, etc.)	209	59		127	65	41	44	88	54	120	64	65%	44% ***	.43	54%	64%	-.20	
	tstrss_saf	Personal safety	23	7		10	5	9	10	12	7	11	6	5%	10%	-.17	7%	6%	.06	
	tstrss_perre	Personal relationship	66	19		35	18	22	24	32	20	34	18	18%	24%	-.14	20%	18%	.04	
	tstrss_rmre	Roommate relationships	27	8		11	6	13	14	16	10	11	6	6%	14% *	-.29	10%	6%	.15	
	tstrss_car	Choosing a career	102	29		56	29	31	33	45	28	55	29	29%	33%	-.10	28%	29%	-.04	
	tstrss_com	Commuting to campus	111	32		59	30	28	30	55	34	56	30	30%	30%	.01	34%	30%	.09	
	tstrss_oth	Other	4	1		2	1	2	2	2	1	2	1	1%	2%	-.09	1%	1%	.02	

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons						
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades							
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
WTD13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing the following?																						
a. Providing care for dependents (children, parents, etc)	tcarehrs (Recoded version of tcare created by BCSSE. Values are estimated number of hours)	0	0	161	46	81	42	48	52	77	48	82	44									
		3	1-5	73	21	44	23	19	20	38	23	35	19									
		8	6-10	31	9	19	10	9	10	11	7	19	10									
		13	11-15	22	6	10	5	9	10	8	5	14	7									
		18	16-20	19	5	9	5	7	8	8	5	11	6	7.9	4.3 ***	.40	6.3	7.8	-.15			
		23	21-25	10	3	5	3	0	0	7	4	3	2									
		28	26-30	8	2	5	3	1	1	3	2	5	3									
		33	More than 30	29	8	21	11	0	0	10	6	19	10									
			Total			353	100	194	100	93	100	162	100	188	100							
		b. Commuting to campus (driving, walking, etc.)	tcommutehrs (Recoded version of tcommute created by BCSSE. Values are estimated number of hours)	0	0	14	4	5	3	6	6	8	5	6	3							
3	1-5			152	43	83	43	41	44	71	44	81	43									
8	6-10			91	26	53	27	21	23	41	25	48	25									
13	11-15			35	10	22	11	8	9	19	12	16	8									
18	16-20			28	8	15	8	10	11	10	6	17	9	8.7	8.4	.04	8.2	9.1	-.12			
23	21-25			14	4	7	4	2	2	5	3	9	5									
28	26-30			7	2	4	2	1	1	4	2	3	2									
33	More than 30			13	4	6	3	4	4	4	2	9	5									
	Total					354	100	195	100	93	100	162	100	189	100							
13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing the following?																						
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	cacadpr13hrs (Recoded version of cacadpr13 created by BCSSE. Values are estimated number of hours)	0	0	0	0	0	0	0	0	0	0	0										
		3	1-5	19	6	14	7	4	4	9	6	10	5									
		8	6-10	60	17	35	18	16	17	34	22	26	14									
		13	11-15	70	20	38	20	21	23	29	19	40	22									
		18	16-20	89	26	48	25	26	28	38	25	50	27	16.8	16.9	.00	16.6	17.7	-.14			
		23	21-25	44	13	26	13	14	15	17	11	27	15									
		28	26-30	34	10	20	10	6	6	18	12	15	8									
		33	More than 30	27	8	13	7	6	6	9	6	18	10									
	Total			343	100	194	100	93	100	154	100	186	100									

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons										
				All Students			First-Generation		No		Self-Reported Previous Grades				First-Generation		No		Self-Reported Previous Grades					
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	ES	Mean	Mean	ES
b. Working for pay on- or off-campus	cworkhrs (Recoded version of cworkhrs created by BCSSE. Values are estimated number of hours)	0	0	43	13	23	12	11	12	19	12	24	13											
		3	1-5	10	3	6	3	2	2	6	4	4	2											
		8	6-10	24	7	12	6	8	9	14	9	10	5											
		13	11-15	52	15	26	13	20	22	25	16	26	14											
		18	16-20	61	18	39	20	12	13	25	16	36	19	18.5	18.0	.06	17.4	18.9	-.14					
		23	21-25	57	17	35	18	13	14	27	18	29	16											
		28	26-30	40	12	22	11	13	14	17	11	23	12											
		33	More than 30	55	16	31	16	14	15	20	13	34	18											
	Total			342	100	194	100	93	100	153	100	186	100											
c. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	ccocurrhrs (Recoded version of ccocurrhrs created by BCSSE. Values are estimated number of hours)	0	0	79	23	49	25	18	19	33	22	45	24											
		3	1-5	131	38	76	39	34	37	63	41	68	36											
		8	6-10	66	19	37	19	23	25	26	17	39	21											
		13	11-15	32	9	17	9	8	9	15	10	16	9											
		18	16-20	21	6	12	6	6	6	12	8	9	5	5.5	6.5	-.16	5.8	6.2	-.05					
		23	21-25	7	2	2	1	3	3	2	1	5	3											
		28	26-30	3	1	1	1	0	0	0	0	3	2											
		33	More than 30	3	1	1	1	1	1	1	1	2	1											
	Total			342	100	195	100	93	100	152	100	187	100											
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	csocial13hrs (Recoded version of csocial13hrs created by BCSSE. Values are estimated number of hours)	0	0	10	3	6	3	2	2	4	3	6	3											
		3	1-5	106	31	72	37	17	18	40	27	66	36											
		8	6-10	107	32	59	31	29	32	56	38	50	27											
		13	11-15	58	17	22	11	30	33	27	18	29	16											
		18	16-20	30	9	17	9	8	9	13	9	17	9	9.1	10.7	-.22	9.4	9.5	-.01					
		23	21-25	11	3	6	3	3	3	4	3	7	4											
		28	26-30	5	1	4	2	0	0	2	1	3	2											
		33	More than 30	10	3	7	4	3	3	3	2	7	4											
	Total			337	100	193	100	92	100	149	100	185	100											
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?																								
	ctmread17	1	Very little	10	3	7	4	2	2	9	6	1	1											
		2	Some	81	24	38	20	27	29	37	25	44	24											
		3	About half	129	39	79	41	35	38	65	43	61	34	3.2	3.0	.17	2.9	3.3	***	-.39				
		4	Most	88	26	53	27	24	26	35	23	53	29											
		5	Almost all	27	8	16	8	4	4	4	3	23	13											
			Total			335	100	193	100	92	100	150	100	182	100									

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons					
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
15. During the coming school year, about how often do you expect to do the following?																					
a. Ask another student to help you understand course material	cCLaskhlp	1	Never	14	4	7	4	5	5	8	5	6	3								
		2	Sometimes	157	47	89	46	49	53	77	52	78	42								
		3	Often	114	34	70	36	29	31	45	30	68	37	2.6	2.5	.19	2.5	2.7	*	-.23	
		4	Very often	51	15	29	15	10	11	19	13	32	17								
		Total		336	100	195	100	93	100	149	100	184	100								
b. Explain course material to one or more students	cCLxplain	1	Never	10	3	5	3	2	2	4	3	6	3								
		2	Sometimes	144	43	82	42	42	46	69	47	73	40								
		3	Often	135	40	83	43	36	39	53	36	81	44	2.6	2.6	.03	2.6	2.7		-.04	
		4	Very often	45	13	24	12	12	13	22	15	23	13								
		Total		334	100	194	100	92	100	148	100	183	100								
c. Prepare for exams by discussing or working through course material with other students	cCLstudy	1	Never	13	4	9	5	4	4	10	7	3	2								
		2	Sometimes	110	33	61	31	33	36	54	36	55	30								
		3	Often	139	42	80	41	36	39	56	38	81	45	2.8	2.8	.07	2.7	2.9	*	-.24	
		4	Very often	71	21	44	23	19	21	29	19	42	23								
		Total		333	100	194	100	92	100	149	100	181	100								
d. Work with other students on course projects or assignments	cCLproject	1	Never	13	4	8	4	5	5	10	7	3	2								
		2	Sometimes	113	34	64	33	33	36	54	36	58	32								
		3	Often	132	40	78	40	33	36	54	36	76	42	2.8	2.7	.08	2.7	2.9	*	-.23	
		4	Very often	74	22	44	23	20	22	30	20	44	24								
		Total		332	100	194	100	91	100	148	100	181	100								
e. Talk about career plans with a faculty member	cSFcareer	1	Never	4	1	2	1	1	1	1	1	3	2								
		2	Sometimes	109	33	60	31	38	41	47	32	60	33								
		3	Often	150	45	89	46	38	41	73	50	76	42	2.9	2.7	.22	2.8	2.9		-.05	
		4	Very often	68	21	43	22	15	16	25	17	43	24								
		Total		331	100	194	100	92	100	146	100	182	100								
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	cSFothrwrk	1	Never	25	7	16	8	7	8	11	7	14	8								
		2	Sometimes	156	47	88	45	49	53	69	47	85	46								
		3	Often	106	32	64	33	26	28	49	33	56	31	2.5	2.4	.10	2.5	2.5		-.03	
		4	Very often	47	14	27	14	11	12	19	13	28	15								
		Total		334	100	195	100	93	100	148	100	183	100								

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades						
				Count	%	Mean	Count	%	A- or higher		B+ or lower		Mean	Mean	ES	A- or higher		B+ or lower			
							Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES	
g Discuss your academic performance with a faculty member	cSFprform	1	Never	4	1		2	1	2	2	3	2	1	1							
		2	Sometimes	116	35		65	33	38	41	54	36	60	33							
		3	Often	152	46	2.8	91	47	40	43	69	47	83	45	2.8	2.7	.20	2.7	2.9	-.18	
		4	Very often	62	19		37	19	13	14	22	15	39	21							
		Total		334	100		195	100	93	100	148	100	183	100							
h Discuss course topics, ideas, or concepts with a faculty member outside of class	cSFdiscuss	1	Never	21	6		14	7	5	5	10	7	11	6							
		2	Sometimes	146	44		77	39	49	53	67	45	77	42							
		3	Often	128	38	2.6	80	41	32	34	58	39	69	38	2.6	2.4	.19	2.5	2.6	-.13	
		4	Very often	39	12		24	12	7	8	13	9	26	14							
		Total		334	100		195	100	93	100	148	100	183	100							
i Prepare two or more drafts of a paper or assignment before turning it in	cdrafting	1	Never	18	5		10	5	7	8	9	6	9	5							
		2	Sometimes	128	39		69	35	41	45	59	40	69	38							
		3	Often	127	38	2.7	76	39	31	34	55	37	69	38	2.7	2.5	.25	2.6	2.7	-.07	
		4	Very often	59	18		40	21	13	14	25	17	34	19							
		Total		332	100		195	100	92	100	148	100	181	100							
j Come to class without completing readings or assignments	cunprepard	1	Never	186	56		113	58	47	51	92	62	92	50							
		2	Sometimes	95	28		48	25	37	40	34	23	60	33							
		3	Often	37	11	1.6	24	12	6	6	15	10	22	12	1.6	1.6	.03	1.6	1.7	-.16	
		4	Very often	16	5		10	5	3	3	7	5	9	5							
		Total		334	100		195	100	93	100	148	100	183	100							
16. During the coming school year, about how often do you expect to have discussions with people from the following groups?																					
a. People of a race or ethnicity other than your own	cDVrace	1	Never	7	2		6	3	1	1	3	2	4	2							
		2	Sometimes	48	15		22	11	18	19	19	13	28	16							
		3	Often	137	42	3.2	87	45	33	35	64	43	72	40	3.2	3.2	.00	3.3	3.2	.05	
		4	Very often	137	42		78	40	41	44	62	42	74	42							
		Total		329	100		193	100	93	100	148	100	178	100							
b. People from an economic background other than your own	cDVeconomic	1	Never	6	2		5	3	1	1	2	1	4	2							
		2	Sometimes	62	19		35	18	19	20	24	16	37	21							
		3	Often	131	40	3.2	73	38	38	41	61	41	69	39	3.2	3.2	.04	3.2	3.1	.11	
		4	Very often	130	40		81	42	35	38	60	41	69	39							
		Total		329	100		194	100	93	100	147	100	179	100							

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons				
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades					
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean
c. People with religious beliefs other than your own	cDVreligion	1	Never	9	3	9	5	0	0	3	2	6	3	3.1	3.2	-.04	3.2	3.1	.12	
		2	Sometimes	64	19	35	18	21	23	26	18	37	21							
		3	Often	132	40	74	38	37	40	60	41	71	40							
		4	Very often	124	38	76	39	35	38	59	40	64	36							
		Total	329	100	194	100	93	100	148	100	178	100								
d. People with political views other than your own	cDVpolitical	1	Never	15	5	13	7	1	1	4	3	11	6	3.0	3.1	-.10	3.1	2.9	.16	
		2	Sometimes	86	26	48	25	27	29	35	24	50	28							
		3	Often	115	35	66	34	31	33	56	38	58	33							
		4	Very often	113	34	68	35	34	37	53	36	59	33							
		Total	329	100	195	100	93	100	148	100	178	100								
17. During the coming school year, how certain are you that you will do the following?																				
a. Study when there are other interesting things to do	cotherint	1	Not at all certain	6	2	3	2	1	1	3	2	3	2	4.5	4.4	.08	4.4	4.5	-.03	
		2		5	2	4	2	0	0	3	2	2	1							
		3		53	16	32	16	17	18	25	17	28	16							
		4		106	32	55	28	36	39	44	30	61	34							
		5		86	26	57	29	21	23	41	28	44	25							
		6	Very certain	72	22	44	23	18	19	31	21	40	22							
b. Find additional information for course assignments when you don't understand the material	cfindinfo	1	Not at all certain	5	2	3	2	0	0	3	2	2	1	4.7	4.8	.00	4.7	4.8	-.10	
		2		4	1	2	1	1	1	2	1	2	1							
		3		30	9	17	9	9	10	14	10	16	9							
		4		91	28	56	29	25	27	44	30	47	27							
		5		96	29	54	28	33	35	41	28	54	31							
		6	Very certain	101	31	63	32	25	27	43	29	56	32							
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	1	Not at all certain	8	2	3	2	3	3	1	1	7	4	4.3	4.3	.03	4.4	4.3	.14	
		2		14	4	10	5	3	3	5	3	9	5							
		3		55	17	31	16	16	17	29	20	26	15							
		4		94	29	61	31	26	28	37	25	55	31							
		5		90	28	49	25	29	31	44	30	46	26							
		6	Very certain	65	20	41	21	16	17	31	21	33	19							
Total	326	100	195	100	93	100	147	100	177	100										

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description				Variable name		Values ^c		Response options		Frequency Distributions										Statistical Comparisons					
										All Students					First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades		
										Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean
d. Ask instructors for help when you struggle with course assignments				caskinst		1 Not at all certain		5	2	2	1	1	1	2	1	3	2								
								4	1	2	1	1	1	1	1	3	2								
								25	8	12	6	8	9	9	6	16	9								
								82	26	4.8	50	26	22	24	32	22	50	29	4.9	4.8	.10	4.9	4.7	.21	
								97	30	57	30	35	38	48	33	47	27								
								108	34	69	36	26	28	53	37	54	31								
								321	100	Total	192	100	93	100	145	100	173	100							
e. Finish something you have started when you encounter challenges				cfinish		1 Not at all certain		3	1	1	1	0	0	1	1	2	1								
								2	1	1	1	0	0	0	0	2	1								
								21	7	9	5	7	8	8	5	13	7								
								78	24	4.9	51	26	18	19	33	23	45	26	5.0	5.1	-.08	5.0	4.9	.13	
								98	30	61	31	31	33	49	34	48	28								
								121	37	72	37	37	40	55	38	64	37								
								323	100	Total	195	100	93	100	146	100	174	100							
f. Stay positive, even when you do poorly on a test or assignment				cstaypos		1 Not at all certain		3	1	1	1	0	0	1	1	2	1								
								7	2	5	3	1	1	1	1	6	3								
								28	9	19	10	6	6	13	9	15	9								
								95	29	4.8	55	28	31	33	46	32	49	28	4.8	4.8	-.06	4.8	4.7	.05	
								83	26	49	25	25	27	37	25	45	26								
								108	33	66	34	30	32	48	33	58	33								
								324	100	Total	195	100	93	100	146	100	175	100							
18. During the coming school year, how difficult do you expect the following to be?																									
a. Learning course material				clearmma		1 Not at all difficult		12	4	8	4	2	2	8	6	4	2								
								30	9	13	7	14	15	20	14	9	5								
								73	23	41	21	26	28	33	23	40	23								
								117	36	3.8	75	39	31	33	51	35	65	38	3.9	3.6	.25	3.6	4.0	***	-.37
								59	18	37	19	14	15	27	19	32	18								
								30	9	20	10	6	6	6	4	23	13								
								321	100	Total	194	100	93	100	145	100	173	100							

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons									
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades								
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES	
b. Managing your time	cmanime	1	Not at all difficult	17	5			10	5	4	4	12	8	5	3								
		2		17	5			7	4	8	9	7	5	10	6								
		3		58	18			35	18	18	19	35	24	23	13								
		4		89	28	4.2		52	27	27	29	39	27	50	29	4.2	4.0	.14	3.9	4.4	**	-.34	
		5		86	27			57	29	22	24	33	23	50	29								
		6	Very difficult	54	17			33	17	14	15	19	13	35	20								
		Total		321	100			194	100	93	100	145	100	173	100								
c. Paying college or university expenses	cpaycoll	1	Not at all difficult	18	6			10	5	7	8	10	7	8	5								
		2		26	8			7	4	13	14	13	9	13	7								
		3		42	13			25	13	13	14	17	12	25	14								
		4		77	24	4.3		49	25	17	18	44	30	33	19	4.5	4.0	**	.33	4.1	4.4	-.19	
		5		73	23			42	22	25	27	28	19	42	24								
		6	Very difficult	86	27			62	32	18	19	33	23	53	30								
		Total		322	100			195	100	93	100	145	100	174	100								
d. Getting help with school work	cgethelp	1	Not at all difficult	39	12			21	11	15	16	22	15	17	10								
		2		52	16			27	14	20	22	24	17	28	16								
		3		98	31			54	28	34	37	47	33	49	28								
		4		85	27	3.2		60	31	16	17	39	27	46	27	3.3	2.8	**	.36	3.0	3.3	*	-.26
		5		35	11			26	13	4	4	9	6	25	15								
		6	Very difficult	10	3			5	3	4	4	3	2	7	4								
		Total		319	100			193	100	93	100	144	100	172	100								
e. Making new friends	cmakefr	1	Not at all difficult	44	14			26	13	14	15	28	20	16	9								
		2		51	16			30	15	14	15	20	14	31	18								
		3		82	26			48	25	25	27	38	27	43	25								
		4		72	23	3.3		45	23	23	25	32	22	39	23	3.4	3.2	.12	3.1	3.5	*	-.24	
		5		36	11			23	12	11	12	12	8	24	14								
		6	Very difficult	34	11			23	12	6	6	13	9	20	12								
		Total		319	100			195	100	93	100	143	100	173	100								
f. Interacting with faculty	cintfac	1	Not at all difficult	44	14			26	13	14	15	25	17	19	11								
		2		61	19			36	18	21	23	32	22	29	17								
		3		83	26			43	22	30	32	37	26	44	25								
		4		83	26	3.2		59	30	19	20	33	23	50	29	3.2	2.9	.24	2.9	3.3	**	-.31	
		5		30	9			20	10	6	6	11	8	18	10								
		6	Very difficult	18	6			11	6	3	3	5	3	13	8								
		Total		319	100			195	100	93	100	143	100	173	100								

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons					
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
19. During the coming school year, about how often do you expect to seek help with coursework from the following sources?																					
a. Faculty members	cseekfac	1	Never	6	2			4	2	0	0	3	2	3	2						
		2	Sometimes	123	40			80	41	38	41	57	41	64	38						
		3	Often	122	39	2.8		74	38	38	41	52	37	70	42	2.7	2.8	-.05	2.8	2.8	-.02
		4	Very often	60	19			37	19	17	18	28	20	31	18						
		Total		311	100			195	100	93	100	140	100	168	100						
b. Academic advisors	cseekaa	1	Never	10	3			5	3	3	3	1	1	9	5						
		2	Sometimes	112	36			76	39	33	36	53	38	57	34						
		3	Often	112	36	2.8		62	32	38	41	51	37	61	37	2.8	2.8	.05	2.8	2.8	.08
		4	Very often	74	24			50	26	18	20	34	24	39	23						
		Total		308	100			193	100	92	100	139	100	166	100						
c. Learning support services (tutoring, writing center, success coaching, etc.)	cseekls	1	Never	18	6			7	4	7	8	8	6	10	6						
		2	Sometimes	123	40			77	39	41	44	59	42	62	37						
		3	Often	113	36	2.7		72	37	32	34	51	36	62	37	2.7	2.5	.22	2.6	2.7	-.11
		4	Very often	57	18			39	20	13	14	22	16	34	20						
		Total		311	100			195	100	93	100	140	100	168	100						
d. Friends or other students	cseekfrnd	1	Never	2	1			1	1	0	0	1	1	1	1						
		2	Sometimes	94	30			61	31	26	28	40	29	53	31						
		3	Often	141	45	2.9		88	45	43	46	58	41	82	49	2.9	3.0	-.10	3.0	2.9	.16
		4	Very often	75	24			45	23	24	26	41	29	33	20						
		Total		312	100			195	100	93	100	140	100	169	100						
e. Family members	cseekfam	1	Never	73	24			54	28	16	17	38	27	34	20						
		2	Sometimes	127	41			85	44	34	37	51	37	75	45						
		3	Often	63	20	2.3		32	16	25	27	27	19	36	22	2.1	2.5 **	-.37	2.3	2.3	-.02
		4	Very often	46	15			23	12	18	19	23	17	22	13						
		Total		309	100			194	100	93	100	139	100	167	100						
f. Other persons or offices	cseekoth	1	Never	38	12			29	15	9	10	17	12	21	13						
		2	Sometimes	170	55			110	56	48	52	77	56	91	54						
		3	Often	71	23	2.3		38	19	29	31	31	22	40	24	2.2	2.4	-.17	2.3	2.3	-.02
		4	Very often	30	10			18	9	7	8	13	9	16	10						
		Total		309	100			195	100	93	100	138	100	168	100						

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation		No		Self-Reported Previous Grades		A- or higher		B+ or lower		First-Generation		Self-Reported Previous Grades	
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean
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	2	1		1	1	0	0	0	0	2	1						
		2		6	2		3	2	2	2	4	3	2	1						
		3		23	7		12	6	8	9	8	6	15	9						
		4		78	25	4.9	56	29	16	17	31	22	46	28	4.8	5.0	-.15	4.9	4.8	.16
		5		95	31		62	32	30	32	44	32	50	30						
		6	Very prepared	104	34		61	31	37	40	51	37	52	31						
		Total		308	100		195	100	93	100	138	100	167	100						
b. Speak clearly and effectively	cSGspeak	1	Not at all prepared	1	0		1	1	0	0	0	0	1	1						
		2		3	1		2	1	0	0	1	1	2	1						
		3		26	8		16	8	8	9	18	13	8	5						
		4		74	24	4.9	50	26	22	24	29	21	44	27	4.9	4.9	-.05	4.9	4.9	.00
		5		101	33		62	32	34	37	39	28	60	36						
		6	Very prepared	101	33		64	33	29	31	51	37	50	30						
		Total		306	100		195	100	93	100	138	100	165	100						
c. Think critically and analytically	cSGthink	1	Not at all prepared	0	0		0	0	0	0	0	0	0							
		2		2	1		1	1	0	0	0	0	2	1						
		3		15	5		9	5	4	4	7	5	8	5						
		4		73	24	5.0	55	28	17	18	32	23	40	24	5.0	5.1	-.15	5.1	5.0	.07
		5		97	32		57	29	35	38	44	32	53	32						
		6	Very prepared	119	39		73	37	36	39	55	40	62	38						
		Total		306	100		195	100	92	100	138	100	165	100						
d. Analyze numerical and statistical information	cSGanalyze	1	Not at all prepared	2	1		2	1	0	0	1	1	1	1						
		2		6	2		2	1	3	3	2	1	4	2						
		3		46	15		28	14	15	16	20	15	26	16						
		4		86	28	4.6	59	30	25	27	40	29	45	27	4.6	4.6	.02	4.6	4.6	.07
		5		83	27		53	27	25	27	33	24	49	30						
		6	Very prepared	82	27		50	26	24	26	41	30	40	24						
		Total		305	100		194	100	92	100	137	100	165	100						

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons						
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades							
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
e. Work effectively with others	cSGothers	1	Not at all prepared	1	0			1	1	0	0	1	1	0	0							
		2		2	1			1	1	0	0	1	1	1	1							
		3		13	4			4	2	8	9	9	7	4	2							
		4		70	23	5.1			53	27	16	17	25	18	44	27	5.0	5.0	.00	5.0	5.1	-.07
		5		96	32			58	30	33	35	49	36	47	29							
		6	Very prepared	122	40			77	40	36	39	52	38	68	41							
		Total		304	100			194	100	93	100	137	100	164	100							
f. Use computing and information technology	cgncompt13	1	Not at all prepared	1	0			1	1	0	0	1	1	0	0							
		2		4	1			2	1	0	0	2	1	2	1							
		3		23	8			14	7	8	9	13	9	10	6							
		4		86	28	4.8		57	29	28	30	36	26	49	30	4.8	4.9	-.09	4.8	4.9	-.09	
		5		91	30			63	32	23	25	43	31	47	29							
		6	Very prepared	98	32			57	29	34	37	42	31	55	34							
		Total		303	100			194	100	93	100	137	100	163	100							
g. Learn effectively on your own	cgninq	1	Not at all prepared	1	0			1	1	0	0	1	1	0	0							
		2		1	0			0	0	0	0	0	0	1	1							
		3		14	5			11	6	3	3	8	6	6	4							
		4		76	25	5.0		50	26	23	25	28	21	47	28	4.9	5.1	-.20	5.1	4.9	.12	
		5		104	34			71	36	28	30	44	32	59	36							
		6	Very prepared	108	36			62	32	39	42	55	40	52	32							
		Total		304	100			195	100	93	100	136	100	165	100							
21. How important is it to you that your institution provides the following?																						
a. A challenging academic experience	cacadexp	1	Not important	2	1			2	1	0	0	1	1	1	1							
		2		8	3			6	3	1	1	4	3	4	2							
		3		32	11			18	9	14	15	14	10	18	11							
		4		106	35	4.5		73	37	30	32	43	32	62	38	4.5	4.6	-.09	4.6	4.4	.17	
		5		91	30			61	31	26	28	36	27	54	33							
		6	Very important	62	21			35	18	22	24	37	27	24	15							
		Total		301	100			195	100	93	100	135	100	163	100							

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons									
				All Students			First-Generation		No		Self-Reported Previous Grades				First-Generation		No		A- or higher		B+ or lower				
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	ES	Mean	Mean
b. Support to help students succeed academically	cSEacad	1	Not important	0	0			0	0	0	0	0	0	0	0										
		2		3	1			2	1	0	0	1	1	2	1										
		3		10	3			5	3	5	5	5	4	5	3										
		4		53	18	5.3		33	17	19	20	18	13	35	22	5.3	5.2	.03	5.3	5.2	.18				
		5		74	25			54	28	18	19	33	24	40	25										
		6	Very important	160	53			101	52	51	55	78	58	80	49										
		Total		300	100			195	100	93	100	135	100	162	100										
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	cSEdiv	1	Not important	2	1			2	1	0	0	2	1	0	0										
		2		6	2			3	2	2	2	1	1	5	3										
		3		24	8			11	6	12	13	13	10	11	7										
		4		62	21	5.0		42	22	19	20	22	16	40	25	5.0	4.8	.17	5.0	5.0	.00				
		5		76	25			47	24	25	27	41	31	34	21										
		6	Very important	129	43			88	46	35	38	55	41	72	44										
		Total		299	100			193	100	93	100	134	100	162	100										
d. Help managing your non- academic responsibilities (work, family, etc.)	cSEacad	1	Not important	3	1			2	1	1	1	3	2	0	0										
		2		9	3			4	2	4	4	3	2	6	4										
		3		27	9			19	10	8	9	15	11	12	7										
		4		74	25	4.8		43	22	28	30	32	24	42	26	4.9	4.7	.17	4.7	4.8	-.10				
		5		77	26			51	26	22	24	33	25	43	27										
		6	Very important	108	36			75	39	29	32	47	35	59	36										
		Total		298	100			194	100	92	100	133	100	162	100										
e. Opportunities to be involved socially	cSEsoc	1	Not important	2	1			2	1	0	0	1	1	0	0										
		2		8	3			4	2	3	3	2	1	6	4										
		3		29	10			22	11	7	8	14	10	15	9										
		4		84	28	4.7		49	25	32	35	38	28	45	28	4.7	4.7	.03	4.8	4.8	.00				
		5		78	26			54	28	21	23	37	27	41	25										
		6	Very important	98	33			64	33	29	32	43	32	54	34										
		Total		299	100			195	100	92	100	135	100	161	100										
f. Opportunities to attend campus activities and events	cSEact	1	Not important	5	2			4	2	1	1	1	1	3	2										
		2		8	3			4	2	3	3	4	3	4	2										
		3		33	11			21	11	12	13	13	10	19	12										
		4		85	28	4.6		56	29	28	30	40	30	45	28	4.6	4.6	.04	4.7	4.6	.05				
		5		85	28			57	29	22	24	38	28	47	29										
		6	Very important	83	28			52	27	26	28	38	28	44	27										
		Total		299	100			194	100	92	100	134	100	162	100										

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

Frequencies and Statistical Comparisons

California State University, Fullerton

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons								
				All Students			First-Generation		No		Self-Reported Previous Grades		A- or higher		B+ or lower		First-Generation		Self-Reported Previous Grades			
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
g. Learning support services (tutoring, writing center, success coaching, etc.)	cSEserv	1	Not important	2	1			1	1	1	1	1	1									
		2		3	1			2	1	0	0	1	1	2	1							
		3		26	9			15	8	9	10	12	9	14	9							
		4		70	23	4.9			42	22	28	30	33	24	37	23	5.0	4.8	.14	4.9	4.9	-.04
		5		85	28			60	31	22	24	40	30	45	28							
		6	Very important	113	38			75	38	33	35	48	36	62	39							
	Total			299	100			195	100	93	100	135	100	161	100							

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

BCSSE 2019
Transfer Student Scale Means
California State University, Fullerton

Scale Means About This Report

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.

1. **Student status:** Class level as reported by your students.
2. **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.
3. **Mean :** The unweighted scale mean is reported overall for the institution, as well as by first-generation status and high school grades.
4. **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
5. **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.

Mean Scale Scores and Selected Student Comparisons

BCSSEville State University

BCSSE Scales	Variable ^a	All Students			First-Generation ^a			Self-Reported Previous Grades		
		Mean	SD	N	Yes	No	ES	A- or higher	B+ or lower	ES
					Mean	Mean		Mean	Mean	
Learning Strategies <i>Use of effective learning strategies</i>	TR_LS	38.4	12.8	249	37.8	40.2	-.19	38.9	38.4	.03
Collaborative Learning <i>Expectation to interact and collaborate with peers</i>	EXP_CL	31.3	12.5	246	32.5	30.5	.17	30.0	31.9	-.16
Student-Faculty Interaction <i>Expectation to interact and engage with faculty</i>	EXP_SFI	32.6	13.3	246	33.5	31.4	.16	30.9	32.9	-.14
Expected Discussions with Diverse Others <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	44.1	16.0	245	44.1	43.8	.02	44.4	44.4	-.02
Expected Academic Perseverance <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	45.2	11.8	245	44.6	43.7	.07	47.7	43.7 *	.33
Expected Academic Difficulty <i>Expected academic difficulty during the coming year</i>	EXP_DF	25.0	11.5	244	25.2	24.4	.06	22.0	25.9 *	-.36
Perceived Academic Preparation <i>Student perception of their academic preparation</i>	PER_PREP	48.5	10.8	243	48.2	47.4	.07	50.2	47.2	.27
Importance of Campus Environment <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	43.6	11.4	243	43.7	43.1	.05	45.1	43.0	.23

Mean Scale Scores and Selected Student Comparisons

California State University, Fullerton

Transfer Students

BCSSE Scales	Variable ^b	All Students			First-Generation ^a			Self-Reported Previous Grades		
					Yes	No	ES	A- or higher	B+ or lower	ES
		Mean	SD	N	Mean	Mean		Mean	Mean	
Learning Strategies <i>Use of effective learning strategies at prior institution</i>	TR_LS	42.4	12.3	362	41.9	41.3	.05	43.5	41.7	.15
Collaborative Learning <i>Expectation to interact and collaborate with peers</i>	EXP_CL	34.3	13.2	334	34.5	33.2	.10	32.7	35.8 *	-.23
Student-Faculty Interaction <i>Expectation to interact and engage with faculty</i>	EXP_SFI	33.7	13.0	334	34.2	31.5	.21	32.9	34.4	-.11
Expected Discussions with Diverse Others <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	42.6	14.7	330	42.5	42.9	-.03	43.6	41.7	.13
Expected Academic Perseverance <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	44.2	10.4	324	44.5	44.3	.02	44.6	43.6	.10
Expected Academic Difficulty <i>Expected academic difficulty during the coming year</i>	EXP_DIF	30.9	11.5	320	32.0	28.3 **	.34	28.3	33.1 ***	-.43
Perceived Academic Preparation <i>Student perception of their academic preparation</i>	PER_PREP	46.7	9.6	305	46.4	47.3	-.11	46.9	46.5	.04
Importance of Campus Environment <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	46.0	9.8	300	46.3	45.3	.11	46.2	45.9	.04

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

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	fyCLaskhlp, fyCLxplain, fyCLstudy, fyCLproject
<i>Student-Faculty Interaction</i> (<i>EXP_SFI</i>)	Expectation to interact and engage with faculty	fySFcareer, fySFothrwrk, fySFprform, fySFdiscuss
<i>Discussions with Diverse Others</i> (<i>EXP_DD</i>)	Expectation to engage in discussions with diverse others	fyDVrace, fyDVeconomc, fyDVreligion, fyDVpolitical
<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	fySGwrite, fySGspeak, fySGthink, fySGanalyze, fySGothers, cgncompt13, cgning
<i>Importance of Campus Environment</i> (<i>IMP_CAMP</i>)	Student-rated importance that the institution provides a challenging and supportive environment	fyacadexp, fySEacad, fySEdiv, fySEacad, fySEsoc, fySEact, fySEserv

- 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.
- d. Statistical comparison uses z -test to compare the percentage who selected each item against those who did not.