BCSSE 2019
Delayed-Entry 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
beginning college survey
of student engagement

BCSSE 2019
Delayed-Entry Student Respondent Profile
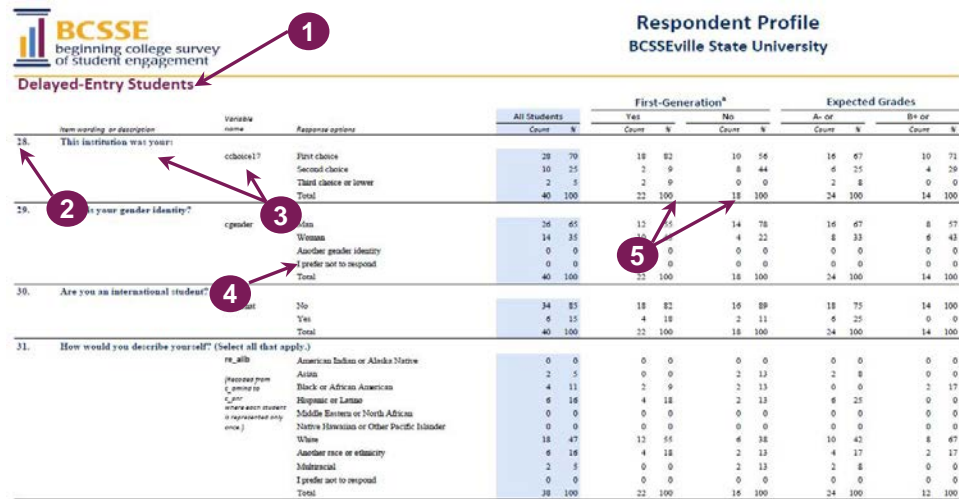
California State University, Fullerton

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 (**bcsse.indiana.edu**) or contact your BCSSE Project Services team.

1. *Student status:* As reported by your students.

2. *Item numbers:* Numbering corresponds to the survey facsimile and codenook available on the BCSSE website.

3. *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.

4. *Response options:* Response options are worded as they appear on the instrument (except where abbreviations are used for formatting purposes).

5. *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.

![BCSSE beginning college survey of student engagement]

Respondent Profile
California State University, Fullerton

Delayed-Entry Students

			All Students		First-Generation[a] Yes		No		Expected Grades A- or		B+ or	
	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%
1.	**Please indicate the year you graduated from high school:**											
	hgradyr	Prior to 2016	50	76	28	78	6	55	28	78	10	67
		2016	16	24	8	22	5	45	8	22	5	33
		2017	0	0	0	0	0	0	0	0	0	0
		2018	0	0	0	0	0	0	0	0	0	0
		2019	0	0	0	0	0	0	0	0	0	0
		Total	66	100	36	100	11	100	36	100	15	100
W1.	**Since graduating from high school, which of the following have you done? (Select all that apply.)**											
	tattend	Attend another college or university	2	3	0	0	0	0	0	0	0	0
	tmilitary	Military service	2	3	0	0	1	9	0	0	2	14
	twork_ft	Work full-time	26	42	17	49	2	18	17	47	3	21
	twork_pt	Work part-time	31	50	16	46	7	64	17	47	9	64
	thome	Homemaker or stay-at-home spouse	4	6	4	11	0	0	4	11	0	0
	tvolunteer	Volunteer	6	10	3	9	1	9	3	8	1	7
	tsinceoth	Other	2	3	1	3	1	9	2	6	0	0
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	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
	tattend_col	4-year college or university other than this one	0	0	0	0	0	0	0	0	0	0
	tattend_other	Other	0	0	0	0	0	0	0	0	0	0
W3.	**About how many credits do you expect to transfer to this institution?**											
	(Online survey respondents only. The paper survey did not include this item.) ttrnsfr_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	0	0	0	0	0	0	0	0	0	0
		31-45	0	0	0	0	0	0	0	0	0	0
		46-60	0	0	0	0	0	0	0	0	0	0
		More than 60	0	0	0	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	0	0	0	0
WTD10.	**How many more years do you expect it will take to complete your bachelor's degree?**											
	tyrscmpl	1 year	2	3	0	0	1	9	1	3	0	0
		2 years	38	62	22	61	8	73	26	72	8	53
		3 years	16	26	11	31	2	18	8	22	5	33
		4 years or longer	5	8	3	8	0	0	1	3	2	13
		Do not plan to complete a bachelor's degree	0	0	0	0	0	0	0	0	0	0
		Total	61	100	36	100	11	100	36	100	15	100

Delayed-Entry Students

	Variable name	Response options	All Students		First-Generation[a] Yes		First-Generation[a] No		Expected Grades A- or		Expected Grades B+ or	
Item wording or description			Count	%	Count	%	Count	%	Count	%	Count	%
WTD11. Will you take at least one course from another institution while attending this institution?												
	tanthinst	No	26	43	15	42	4	36	16	44	5	33
		Yes	11	18	9	25	2	18	8	22	3	20
		Not sure	23	38	12	33	5	45	12	33	7	47
		Total	60	100	36	100	11	100	36	100	15	100
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	17	34	8	24	7	64	11	33	5	33
		Not using	27	54	21	64	4	36	20	61	7	47
		Not sure	6	12	4	12	0	0	2	6	3	20
		Total	50	100	33	100	11	100	33	100	15	100
Loans	cloans	Using	13	25	8	24	4	36	9	26	3	20
		Not using	28	55	20	59	6	55	23	68	5	33
		Not sure	10	20	6	18	1	9	2	6	7	47
		Total	51	100	34	100	11	100	34	100	15	100
Grants or scholarships	cgrants	Using	27	54	23	70	3	27	19	56	7	50
		Not using	13	26	7	21	4	36	11	32	2	14
		Not sure	10	20	3	9	4	36	4	12	5	36
		Total	50	100	33	100	11	100	34	100	14	100
Employment on- or off-campus	cjob	Using	30	59	22	65	6	55	21	62	9	60
		Not using	11	22	6	18	4	36	8	24	3	20
		Not sure	10	20	6	18	1	9	5	15	3	20
		Total	51	100	34	100	11	100	34	100	15	100
Personal savings or other sources	cpersonal	Using	30	57	20	57	7	64	23	66	6	40
		Not using	9	17	6	17	1	9	6	17	2	13
		Not sure	14	26	9	26	3	27	6	17	7	47
		Total	53	100	35	100	11	100	35	100	15	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	2	1	3	0	0	0	0	1	7
		B-	2	4	1	3	0	0	0	0	2	13
		B	7	14	5	14	2	18	0	0	7	47
		B+	5	10	3	8	1	9	0	0	5	33
		A-	10	20	8	22	2	18	10	28	0	0
		A	26	51	18	50	6	55	26	72	0	0
		Grades not used	0	0	0	0	0	0	0	0	0	0
		Total	51	100	36	100	11	100	36	100	15	100

Delayed-Entry Students

Item wording or description	Variable name	Response options	All Students Count	%	First-Generation[a] Yes Count	%	No Count	%	Expected Grades A- or Count	%	B+ or Count	%
24. Do you expect to graduate from this institution?												
	cintgrad	No	0	0	0	0	0	0	0	0	0	0
		Yes	52	100	36	100	11	100	36	100	15	100
		Uncertain	0	0	0	0	0	0	0	0	0	0
		Total	52	100	36	100	11	100	36	100	15	100
25. Do you know what your major will be?												
	cmajor	No	1	2	1	3	0	0	1	3	0	0
		Yes, specify	51	98	35	97	11	100	35	97	15	100
		Total	52	100	36	100	11	100	36	100	15	100
(Recoded variable cmajcode into one of 12 major categories listed at right.)	cmajrcol	Arts & Humanities	5	10	3	9	2	18	4	12	1	7
		Biological Sci., Agriculture, & Natural Resources	0	0	0	0	0	0	0	0	0	0
		Physical Sci., Mathematics, & Computer Science	4	8	3	9	1	9	2	6	2	13
		Social Sciences	14	29	11	31	2	18	10	30	4	27
		Business	6	12	5	14	1	9	5	15	1	7
		Communications, Media, & Public Relations	3	6	3	9	0	0	2	6	1	7
		Education	3	6	2	6	0	0	2	6	0	0
		Engineering	0	0	0	0	0	0	0	0	0	0
		Health Professions	8	16	5	14	2	18	5	15	3	20
		Social Service Professions	2	4	1	3	1	9	0	0	2	13
		All Other	4	8	2	6	2	18	3	9	1	7
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0
		Total	49	100	35	100	11	100	33	100	15	100
26. Are you (or will you be) a full-time student at this institution?												
	cfulltime18	No	8	16	7	19	1	9	7	21	1	7
		Yes	41	84	29	81	10	91	27	79	14	93
		Total	49	100	36	100	11	100	34	100	15	100
27. How many of your close friends will attend this college during the coming year?												
	cfriends	None	21	44	17	49	4	36	18	55	3	21
		1	12	25	8	23	3	27	6	18	5	36
		2	7	15	4	11	2	18	1	3	6	43
		3	4	8	4	11	0	0	4	12	0	0
		4 or more	4	8	2	6	2	18	4	12	0	0
		Total	48	100	35	100	11	100	33	100	14	100

Delayed-Entry Students

Item wording or description	Variable name	Response options	All Students Count	%	First-Generation[a] Yes Count	%	No Count	%	Expected Grades A- or Count	%	B+ or Count	%
28. This institution was your:												
	cchoice17	First choice	31	69	24	71	6	60	23	72	8	62
		Second choice	12	27	8	24	4	40	8	25	4	31
		Third choice or lower	2	4	2	6	0	0	1	3	1	8
		Total	45	100	34	100	10	100	32	100	13	100
29. What is your gender identity?												
	cgender	Man	11	23	8	22	2	18	5	15	6	43
		Woman	33	69	25	69	8	73	26	76	7	50
		Another gender identity	2	4	2	6	0	0	1	3	1	7
		I prefer not to respond	2	4	1	3	1	9	2	6	0	0
		Total	48	100	36	100	11	100	34	100	14	100
30. Are you an international student?												
	cinternat	No	47	98	35	97	11	100	33	97	14	100
		Yes	1	2	1	3	0	0	1	3	0	0
		Total	48	100	36	100	11	100	34	100	14	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
	(Recoded from c_amind to c_pnr where each student is represented only once.)	Asian	8	17	5	14	3	27	6	18	2	14
		Black or African American	1	2	1	3	0	0	1	3	0	0
		Hispanic or Latino	23	48	22	61	1	9	17	50	6	43
		Middle Eastern or North African	3	6	2	6	1	9	2	6	1	7
		Native Hawaiian or Other Pacific Islander	0	0	0	0	0	0	0	0	0	0
		White	6	13	2	6	3	27	3	9	3	21
		Another race or ethnicity	2	4	2	6	0	0	2	6	0	0
		Multiracial	5	10	2	6	3	27	3	9	2	14
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	48	100	36	100	11	100	34	100	14	100

Delayed-Entry Students

	Variable name	Response options	All Students		First-Generation[a]				Expected Grades			
					Yes		No		A- or		B+ or	
Item wording or description			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	18	38	18	50	0	0	15	44	3	23
		High school diploma or G.E.D.	11	23	11	31	0	0	8	24	3	23
		Attended college, but did not complete degree	5	11	5	14	0	0	2	6	3	23
		Associate's degree (A.A., A.S., etc.)	2	4	2	6	0	0	1	3	1	8
		Bachelor's degree (B.A., B.S., etc.)	6	13	0	0	6	55	5	15	1	8
		Master's degree (M.A., M.S., etc.)	3	6	0	0	3	27	2	6	1	8
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	2	4	0	0	2	18	1	3	1	8
		Total	47	100	36	100	11	100	34	100	13	100
First-generation status (*Neither parent holds a bachelor's degree. Recoded from cpardegr18.*)	bfirstgen	First-generation	36	77	36	100	0	0	26	76	10	77
		Not first-generation	11	23	0	0	11	100	8	24	3	23
		Total	47	100	36	100	11	100	34	100	13	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)	3	6	2	6	1	9	3	9	0	0
		Fraternity or sorority house	1	2	1	3	0	0	0	0	1	8
		House, apartment, or other residence *within walking distance* to campus	6	13	4	11	2	18	5	15	1	8
		House, apartment, or other residence *farther than walk. dist.* to campus	34	72	26	72	8	73	23	68	11	85
		Not applicable: No campus, entirely online program, etc.	1	2	1	3	0	0	1	3	0	0
		Not applicable: Homeless or in transition	2	4	2	6	0	0	2	6	0	0
		Total	47	100	36	100	11	100	34	100	13	100

BCSSE 2019
Delayed-Entry Student Frequencies
and Statistical Comparisons

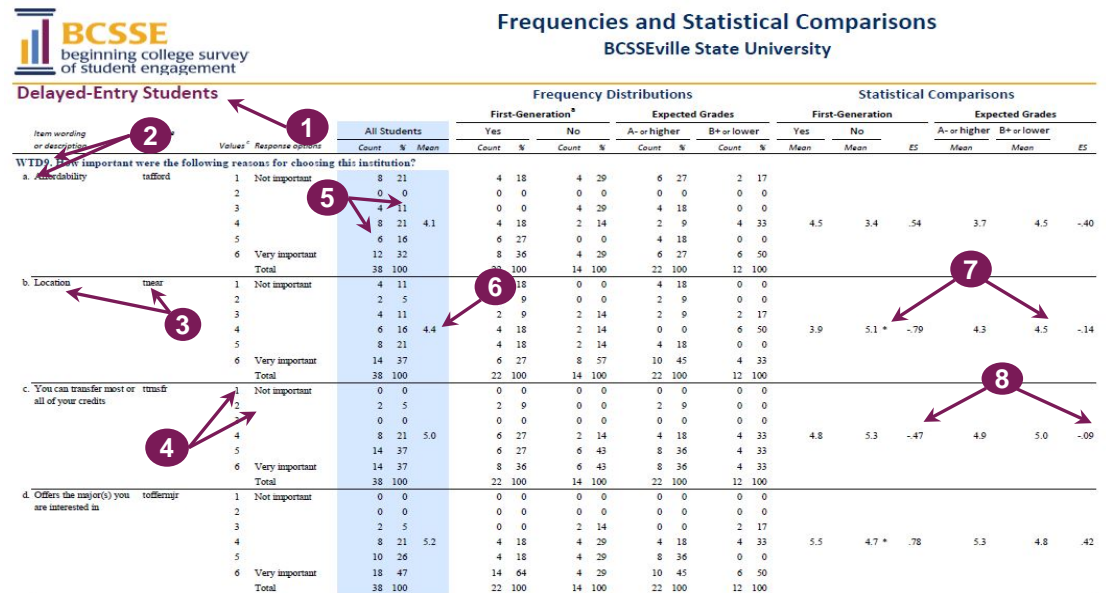California State University, Fullerton

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 (bcsse.indiana.edu) or contact a member of the BCSSE team.

1. *Student status:* As reported by your students.

2. *Item numbers:* Numbering corresponds to the survey facsimile and codenook available on the BCSSE website.

3. *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.

4. *Values and response options:* Values are used to calculate means. Response options are worded as they appear on the instrument.

5. *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.

6. **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.

7. **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.

8. *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.

Delayed-Entry Students

Frequency Distributions | **Statistical Comparisons**

Item wording or description	Variable name	Values[c]	Response options	All Students Count	%	Mean	First-Gen[a] Yes Count	%	No Count	%	Expected Grades A- or higher Count	%	B+ or lower Count	%	First-Gen Yes Mean	No Mean	ES	Exp. Grades A- or higher Mean	B+ or lower Mean	ES
WTD9. How important were the following reasons for choosing this institution?																				
a. Affordability	tafford	1	Not important	0	0		0	0	0	0	0	0	0	0						
		2		2	3		1	3	1	9	0	0	2	13						
		3		8	13		4	11	2	18	4	11	2	13						
		4		9	15	5.0	5	14	2	18	5	14	4	27	5.1	4.5	.43	5.2	4.3 *	.71
		5		9	15		6	17	2	18	6	17	3	20						
		6	Very important	34	55		20	56	4	36	21	58	4	27						
			Total	62	100		36	100	11	100	36	100	15	100						
b. Location	tnear	1	Not important	1	2		1	3	0	0	1	3	0	0						
		2		1	2		1	3	0	0	0	0	1	7						
		3		4	7		2	6	1	9	2	6	2	13						
		4		9	15	5.1	8	23	1	9	3	9	6	40	4.9	5.3	-.31	5.2	4.5 *	.62
		5		13	22		7	20	3	27	10	29	1	7						
		6	Very important	32	53		16	46	6	55	19	54	5	33						
			Total	60	100		35	100	11	100	35	100	15	100						
c. You can transfer most or all of your credits	ttrnsfr	1	Not important	0	0		0	0	0	0	0	0	0	0						
		2		1	2		0	0	0	0	0	0	0	0						
		3		3	5		2	6	0	0	0	0	3	21						
		4		8	13	5.4	5	14	1	9	3	8	4	29	5.3	5.6	-.37	5.6	4.6 *	1.00
		5		10	17		8	22	2	18	8	22	2	14						
		6	Very important	38	63		21	58	8	73	25	69	5	36						
			Total	60	100		36	100	11	100	36	100	14	100						
d. Offers the major(s) you are interested in	toffermjr	1	Not important	0	0		0	0	0	0	0	0	0	0						
		2		0	0		0	0	0	0	0	0	0	0						
		3		1	2		1	3	0	0	0	0	1	7						
		4		6	10	5.6	4	11	0	0	2	6	3	20	5.5	6.0 **	-.82	5.8	5.2	.71
		5		8	13		6	17	0	0	4	11	3	20						
		6	Very important	47	76		25	69	11	100	30	83	8	53						
			Total	62	100		36	100	11	100	36	100	15	100						

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

Frequencies and Statistical Comparisons
California State University, Fullerton

Delayed-Entry Students

					Frequency Distributions							Statistical Comparisons					
						First-Generation[a]				Expected Grades				First-Generation			Expected Grades		
				All Students			Yes		No		A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower	
Item wording or description	Variable name	Values[c]	Response options	Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
e. Quality of academic programs	tqualacad	1	Not important	0	0		0	0	0	0	0	0	0	0						
		2		1	2		1	3	0	0	0	0	1	7						
		3		0	0		0	0	0	0	0	0	0	0						
		4		7	11	5.6	5	14	0	0	2	6	4	27	5.5	5.6	-.18	5.8	4.9 *	.90
		5		9	15		4	11	4	36	5	14	4	27						
		6	Very important	45	73		26	72	7	64	29	81	6	40						
			Total	62	100		36	100	11	100	36	100	15	100						
f. You can finish your degree quickly	tfinish	1	Not important	0	0		0	0	0	0	0	0	0	0						
		2		1	2		1	3	0	0	1	3	0	0						
		3		6	10		3	9	1	9	3	9	2	13						
		4		6	10	5.2	4	11	1	9	2	6	3	20	5.2	5.3	-.04	5.3	5.0	.26
		5		13	22		6	17	3	27	8	23	3	20						
		6	Very important	34	57		21	60	6	55	21	60	7	47						
			Total	60	100		35	100	11	100	35	100	15	100						
g. Flexible scheduling of courses	tflex	1	Not important	0	0		0	0	0	0	0	0	0	0						
		2		1	2		0	0	0	0	0	0	0	0						
		3		1	2		1	3	0	0	0	0	1	7						
		4		6	10	5.5	4	11	1	10	1	3	4	27	5.6	5.6	-.06	5.7	5.1	.70
		5		11	18		5	14	2	20	8	23	2	13						
		6	Very important	41	68		26	72	7	70	26	74	8	53						
			Total	60	100		36	100	10	100	35	100	15	100						
h. Family or personal relationship	tfamper2	1	Not important	5	8		3	8	1	9	3	8	1	7						
		2		4	7		2	6	1	9	2	6	2	13						
		3		8	13		5	14	3	27	6	17	2	13						
		4		9	15	4.6	4	11	1	9	3	8	3	20	4.7	4.1	.32	4.6	4.3	.20
		5		4	7		2	6	1	9	3	8	1	7						
		6	Very important	31	51		20	56	4	36	19	53	6	40						
			Total	61	100		36	100	11	100	36	100	15	100						
i. Other	timpoth	1	Not important	5	20		4	27	0	0	4	29	1	20						
		2		0	0		0	0	0	0	0	0	0	0						
		3		3	12		1	7	0	0	0	0	1	20						
		4		1	4	4.3	1	7	0	0	0	0	1	20	4.1	6.0 **	-1.31	4.3	3.8	.24
		5		6	24		4	27	0	0	4	29	1	20						
		6	Very important	10	40		5	33	2	100	6	43	1	20						
			Total	25	100		15	100	2	100	14	100	5	100						

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

Delayed-Entry Students

			All Students			First-Generation[a] Yes		First-Generation No		Expected Grades A- or higher		Expected Grades B+ or lower		First-Generation Yes	First-Generation No		Expected Grades A- or higher	Expected Grades B+ or lower	
Item wording or description	Variable name	Values[c] / Response options	Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
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	12	20		7	19.4	2	18.2	9	25	1	6.67	19%	18%	.03	25%	7%	.52
	tstrss_bal	Balancing school and other commitments (work, family, etc)	46	77		30	83	9	82	28	78	13	87	83%	82%	.04	78%	87%	-.23
	tstrss_bas	Not having enough money for basic needs (housing, food, and transportation)	26	44		18	50	3	27	16	44	6	40	50%	27%	.47	44%	40%	.09
	tstrss_acd	Not having enough money for college expenses (tuition, fees, books, etc.)	29	49		19	53	5	45	18	50	7	47	53%	45%	.15	50%	47%	.07
	tstrss_saf	Personal safety	6	10		2	6	3	27	5	14	1	7	6%	27% *	-.62	14%	7%	.24
	tstrss_perre	Personal relationship	14	23		7	19	5	45	7	19	6	40	19%	45%	-.57	19%	40%	-.46
	tstrss_rmre	Roommate relationship	2	3		0	0	1	9	1	3	1	7	0%	9%	-.61	3%	7%	-.19
	tstrss_car	Choosing a career	13	22		2	6	5	45	8	22	2	13	6%	45% **	-1.00	22%	13%	.23
	tstrss_com	Commuting to campus	9	15		5	14	3	27	5	14	4	27	14%	27%	-.34	14%	27%	-.32
	tstrss_oth	Other	1	2		1	3	0	0	0	0	1	7	3%	0%	.33	0%	7%	-.52
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	0 / 0	16	27		8	22	4	36	8	22	6	40						
	(Recoded version of tcare created by BCSSE. Values are estimated number of hours)	3 / 1-5	9	15		3	8	4	36	7	19	0	0						
		8 / 6-10	6	10		5	14	0	0	3	8	2	13						
		13 / 11-15	6	10		5	14	1	9	3	8	3	20						
		18 / 16-20	10	17	11.7	7	19	0	0	8	22	1	7	13.4	7.4	.54	12.2	10.8	.12
		23 / 21-25	4	7		2	6	1	9	2	6	1	7						
		28 / 26-30	0	0		0	0	0	0	0	0	0	0						
		33 / More than 30	8	14		6	17	1	9	5	14	2	13						
		Total	59	100		36	100	11	100	36	100	15	100						
b. Commuting to campus (driving, walking, etc.)	tcommutehrs	0 / 0	2	3		1	3	0	0	1	3	0	0						
	(Recoded version of tcommute created by BCSSE. Values are estimated number of hours)	3 / 1-5	19	32		8	22	6	55	11	31	5	33						
		8 / 6-10	16	27		11	31	2	18	11	31	4	27						
		13 / 11-15	7	12		5	14	0	0	3	8	2	13						
		18 / 16-20	7	12	10.8	4	11	2	18	3	8	3	20	12.5	9.4	.32	11.5	10.7	.09
		23 / 21-25	2	3		2	6	0	0	2	6	0	0						
		28 / 26-30	2	3		2	6	0	0	2	6	0	0						
		33 / More than 30	4	7		3	8	1	9	3	8	1	7						
		Total	59	100		36	100	11	100	36	100	15	100						

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

Frequencies and Statistical Comparisons
California State University, Fullerton

Delayed-Entry Students

				Frequency Distributions								Statistical Comparisons					
				All Students			First-Generation[a]				Expected Grades				First-Generation			Expected Grades		
							Yes		No		A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower	
Item wording or description	Variable name	Values[c]	Response options	Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
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	0						
		3	1-5	3	5		1	3	1	9	1	3	1	7						
		8	6-10	10	18		5	14	1	9	6	17	3	20						
		13	11-15	12	21		8	22	2	18	7	19	4	27						
		18	16-20	7	12	18.7	5	14	2	18	5	14	2	13	19.8	19.8	.00	20.2	16.0	.48
		23	21-25	11	19		7	19	2	18	5	14	4	27						
		28	26-30	4	7		3	8	0	0	3	8	0	0						
		33	More than 30	10	18		7	19	3	27	9	25	1	7						
			Total	57	100		36	100	11	100	36	100	15	100						
b. Working for pay on- or off-campus	cworkhrs *(Recoded version of cworkhrs created by BCSSE. Values are estimated number of hours)*	0	0	6	11		4	12	1	9	4	12	1	7						
		3	1-5	3	5		1	3	1	9	2	6	0	0						
		8	6-10	6	11		4	12	0	0	4	12	2	13						
		13	11-15	3	5		1	3	2	18	2	6	1	7						
		18	16-20	12	22	19.1	8	24	1	9	8	24	1	7	19.9	20.0	-.01	18.8	21.5	-.24
		23	21-25	5	9		2	6	2	18	1	3	4	27						
		28	26-30	7	13		5	15	1	9	4	12	3	20						
		33	More than 30	13	24		9	26	3	27	9	26	3	20						
			Total	55	100		34	100	11	100	34	100	15	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	10	18		7	19	1	9	6	17	4	27						
		3	1-5	18	32		10	28	6	55	13	36	3	20						
		8	6-10	9	16		7	19	1	9	4	11	5	33						
		13	11-15	10	18		7	19	1	9	6	17	2	13						
		18	16-20	4	7	8.5	1	3	0	0	2	6	0	0	8.3	8.6	-.04	8.9	6.5	.30
		23	21-25	4	7		3	8	1	9	3	8	1	7						
		28	26-30	0	0		0	0	0	0	0	0	0	0						
		33	More than 30	2	4		1	3	1	9	2	6	0	0						
			Total	57	100		36	100	11	100	36	100	15	100						

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

Frequencies and Statistical Comparisons
California State University, Fullerton

Delayed-Entry Students

				Frequency Distributions — All Students			First-Generation[a] Yes		No		Expected Grades A- or higher		B+ or lower		Statistical Comparisons First-Generation Yes	No	ES	Expected Grades A- or higher	B+ or lower	ES
Item wording or description	Variable name	Values[c]	Response options	Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
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	3	5		1	3	1	9	1	3	2	13						
		3	1-5	24	42		15	42	4	36	17	47	3	20						
		8	6-10	10	18		7	19	1	9	6	17	3	20						
		13	11-15	10	18		5	14	4	36	5	14	4	27						
		18	16-20	4	7	9.1	3	8	0	0	3	8	1	7	9.7	9.5	.02	9.3	9.9	-.08
		23	21-25	3	5		3	8	0	0	1	3	2	13						
		28	26-30	1	2		1	3	0	0	1	3	0	0						
		33	More than 30	2	4		1	3	1	9	2	6	0	0						
			Total	57	100		36	100	11	100	36	100	15	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?

				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
	ctmread17	1	Very little	1	2		0	0	1	9	0	0	1	7						
		2	Some	12	21		5	14	3	27	6	17	5	33						
		3	About half	15	26	3.5	11	31	1	9	10	28	3	20	3.6	3.4	.20	3.6	3.0	.59
		4	Most	17	30		13	36	3	27	11	31	5	33						
		5	Almost all	12	21		7	19	3	27	9	25	1	7						
			Total	57	100		36	100	11	100	36	100	15	100						

15. During the coming school year, about how often do you expect to do the following?

				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
a. Ask another student to help you understand course material	cCLaskhlp	1	Never	0	0		0	0	0	0	0	0	0	0						
		2	Sometimes	29	51		17	47	7	64	18	50	7	47						
		3	Often	17	30	2.7	10	28	3	27	10	28	5	33	2.8	2.5	.42	2.7	2.7	-.01
		4	Very often	11	19		9	25	1	9	8	22	3	20						
			Total	57	100		36	100	11	100	36	100	15	100						
b. Explain course material to one or more students	cCLxplain	1	Never	0	0		0	0	0	0	0	0	0	0						
		2	Sometimes	27	48		12	34	7	64	12	34	9	60						
		3	Often	20	36	2.7	16	46	3	27	15	43	5	33	2.9	2.5	.57	2.9	2.5	.60
		4	Very often	9	16		7	20	1	9	8	23	1	7						
			Total	56	100		35	100	11	100	35	100	15	100						
c. Prepare for exams by discussing or working through course material with other students	cCLstudy	1	Never	0	0		0	0	0	0	0	0	0	0						
		2	Sometimes	24	42		13	36	6	55	14	39	7	47						
		3	Often	18	32	2.8	11	31	3	27	10	28	5	33	3.0	2.6	.41	2.9	2.7	.25
		4	Very often	15	26		12	33	2	18	12	33	3	20						
			Total	57	100		36	100	11	100	36	100	15	100						

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

Frequencies and Statistical Comparisons
California State University, Fullerton

Delayed-Entry Students

				Frequency Distributions								Statistical Comparisons					
						First-Generation[a]				**Expected Grades**				**First-Generation**			**Expected Grades**	
				All Students			**Yes**		**No**		**A- or higher**		**B+ or lower**		**Yes**	**No**		**A- or higher**	**B+ or lower**	
Item wording or description	*Variable name*	*Values[c]*	*Response options*	Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
d. Work with other students on course projects or assignments	cCLprojct	1	Never	0	0		0	0	0	0	0	0	0	0						
		2	Sometimes	21	38		14	39	4	36	11	31	8	53						
		3	Often	20	36	2.9	9	25	6	55	12	33	5	33	3.0	2.7	.32	3.1	2.6	.58
		4	Very often	15	27		13	36	1	9	13	36	2	13						
			Total	56	100		36	100	11	100	36	100	15	100						
e. Talk about career plans with a faculty member	cSFcareer	1	Never	0	0		0	0	0	0	0	0	0	0						
		2	Sometimes	19	35		9	26	5	45	11	31	5	33						
		3	Often	22	41	2.9	15	43	4	36	14	40	7	47	3.1	2.7	.43	3.0	2.9	.14
		4	Very often	13	24		11	31	2	18	10	29	3	20						
			Total	54	100		35	100	11	100	35	100	15	100						
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	cSFothrwrk	1	Never	6	11		3	8	2	18	2	6	4	29						
		2	Sometimes	18	33		11	31	5	45	12	33	4	29						
		3	Often	20	36	2.7	12	33	3	27	13	36	4	29	2.8	2.3	.57	2.8	2.3	.53
		4	Very often	11	20		10	28	1	9	9	25	2	14						
			Total	55	100		36	100	11	100	36	100	14	100						
g. Discuss your academic performance with a faculty member	cSFprform	1	Never	0	0		0	0	0	0	0	0	0	0						
		2	Sometimes	22	41		15	42	4	36	14	39	6	43						
		3	Often	18	33	2.9	10	28	5	45	12	33	4	29	2.9	2.8	.09	2.9	2.9	.04
		4	Very often	14	26		11	31	2	18	10	28	4	29						
			Total	54	100		36	100	11	100	36	100	14	100						
h. Discuss course topics, ideas, or concepts with a faculty member outside of class	cSFdiscuss	1	Never	3	5		2	6	1	9	0	0	3	21						
		2	Sometimes	21	38		14	39	2	18	14	39	4	29						
		3	Often	22	40	2.7	12	33	7	64	15	42	5	36	2.7	2.7	-.01	2.8	2.4	.42
		4	Very often	9	16		8	22	1	9	7	19	2	14						
			Total	55	100		36	100	11	100	36	100	14	100						
i. Prepare two or more drafts of a paper or assignment before turning it in	cdrafting	1	Never	2	4		0	0	1	9	1	3	1	7						
		2	Sometimes	19	35		11	31	5	45	13	36	4	29						
		3	Often	21	38	2.8	14	39	3	27	11	31	7	50	3.0	2.5	.52	2.9	2.7	.20
		4	Very often	13	24		11	31	2	18	11	31	2	14						
			Total	55	100		36	100	11	100	36	100	14	100						
j. Come to class without completing readings or assignments	cunprepard	1	Never	20	36		15	42	5	45	14	39	6	43						
		2	Sometimes	16	29		8	22	3	27	11	31	2	14						
		3	Often	14	25	2.1	10	28	2	18	8	22	5	36	2.0	1.9	.11	2.0	2.1	-.07
		4	Very often	5	9		3	8	1	9	3	8	1	7						
			Total	55	100		36	100	11	100	36	100	14	100						

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

Delayed-Entry Students

					Frequency Distributions									Statistical Comparisons					
						First-Generation[a]				Expected Grades				First-Generation			Expected Grades		
				All Students			Yes		No		A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower	
Item wording or description	Variable name	Values[c]	Response options	Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
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	3	6		2	6	0	0	3	8	0	0						
		2	Sometimes	15	28		10	29	2	18	9	25	3	23						
		3	Often	17	32	2.9	10	29	5	45	11	31	5	38	3.0	3.2	-.25	2.9	3.2	-.23
		4	Very often	18	34		13	37	4	36	13	36	5	38						
			Total	53	100		35	100	11	100	36	100	13	100						
b. People from an economic background other than your own	cDVeconomc	1	Never	6	11		4	11	1	9	5	14	1	7						
		2	Sometimes	11	20		7	19	2	18	6	17	3	21						
		3	Often	21	39	2.9	13	36	5	45	13	36	6	43	2.9	2.9	.01	2.9	2.9	-.04
		4	Very often	16	30		12	33	3	27	12	33	4	29						
			Total	54	100		36	100	11	100	36	100	14	100						
c. People with religious beliefs other than your own	cDVreligion	1	Never	6	11		5	14	0	0	6	17	0	0						
		2	Sometimes	14	26		8	23	3	27	8	22	3	23						
		3	Often	19	36	2.8	12	34	5	45	13	36	5	38	2.8	3.0	-.25	2.7	3.2	-.50
		4	Very often	14	26		10	29	3	27	9	25	5	38						
			Total	53	100		35	100	11	100	36	100	13	100						
d. People with political views other than your own	cDVpolitical	1	Never	6	11		5	14	0	0	6	17	0	0						
		2	Sometimes	17	31		9	25	4	36	9	25	5	36						
		3	Often	21	39	2.6	14	39	5	45	14	39	6	43	2.7	2.8	-.14	2.6	2.9	-.28
		4	Very often	10	19		8	22	2	18	7	19	3	21						
			Total	54	100		36	100	11	100	36	100	14	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	1	2		1	3	0	0	1	3	0	0						
		2		4	8		2	6	1	9	3	8	1	7						
		3		8	15		7	19	1	9	5	14	3	21						
		4		13	25	4.4	8	22	2	18	5	14	6	43	4.4	4.5	-.14	4.5	4.0	.40
		5		16	30		9	25	5	45	12	33	3	21						
		6	Very certain	11	21		9	25	2	18	10	28	1	7						
			Total	53	100		36	100	11	100	36	100	14	100						

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

Frequencies and Statistical Comparisons
California State University, Fullerton

Delayed-Entry Students

				Frequency Distributions									Statistical Comparisons					
							First-Generation[a]				Expected Grades				First-Generation			Expected Grades		
				All Students			Yes		No		A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower	
Item wording or description	Variable name	Values[c]	Response options	Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
b. Find additional information for course assignments when you don't understand the material	cfindinfo	1	Not at all certain	1	2		1	3	0	0	1	3	0	0						
		2		2	4		1	3	1	9	2	6	0	0						
		3		4	7		3	8	0	0	1	3	3	21						
		4		14	26	4.7	8	22	3	27	8	22	4	29	4.8	4.7	.02	4.8	4.4	.42
		5		18	33		11	31	4	36	10	28	6	43						
		6	Very certain	15	28		12	33	3	27	14	39	1	7						
			Total	54	100		36	100	11	100	36	100	14	100						
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	1	Not at all certain	1	2		1	3	0	0	1	3	0	0						
		2		1	2		0	0	0	0	0	0	1	7						
		3		7	13		5	14	1	9	4	11	2	14						
		4		20	37	4.5	13	36	4	36	12	33	6	43	4.6	4.6	-.07	4.7	4.1	.46
		5		12	22		6	17	4	36	7	19	4	29						
		6	Very certain	13	24		11	31	2	18	12	33	1	7						
			Total	54	100		36	100	11	100	36	100	14	100						
d. Ask instructors for help when you struggle with course assignments	caskinst	1	Not at all certain	0	0		0	0	0	0	0	0	0	0						
		2		1	2		0	0	0	0	0	0	1	7						
		3		5	9		3	8	1	9	2	6	2	14						
		4		21	39	4.7	15	42	3	27	12	33	7	50	4.8	5.1	-.26	5.0	4.2 *	.73
		5		7	13		4	11	1	9	5	14	1	7						
		6	Very certain	20	37		14	39	6	55	17	47	3	21						
			Total	54	100		36	100	11	100	36	100	14	100						
e. Finish something you have started when you encounter challenges	cfinish	1	Not at all certain	1	2		1	3	0	0	0	0	1	7						
		2		0	0		0	0	0	0	0	0	0	0						
		3		3	6		2	6	0	0	1	3	1	7						
		4		17	32	4.9	12	33	2	18	9	25	6	43	4.8	5.4	-.52	5.2	4.4 *	.71
		5		12	23		7	19	3	27	9	25	3	21						
		6	Very certain	20	38		14	39	6	55	17	47	3	21						
			Total	53	100		36	100	11	100	36	100	14	100						
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	1	Not at all certain	0	0		0	0	0	0	0	0	0	0						
		2		1	2		1	3	0	0	1	3	0	0						
		3		4	7		3	8	1	9	1	3	3	20						
		4		17	31	4.8	10	28	2	18	8	22	6	40	4.8	5.2	-.32	5.1	4.4 *	.66
		5		13	24		9	25	2	18	10	28	3	20						
		6	Very certain	19	35		13	36	6	55	16	44	3	20						
			Total	54	100		36	100	11	100	36	100	15	100						

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

Delayed-Entry Students

				All Students			First-Generation[a]				Expected Grades				First-Generation			Expected Grades		
							Yes		No		A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower	
Item wording or description	Variable name	Values[c]	Response options	Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES

18. During the coming school year, how difficult do you expect the following to be?

a. Learning course material	clearnma	1	Not at all difficult	1	2		1	3	0	0	1	3	0	0						
		2		2	4		2	6	0	0	2	6	0	0						
		3		10	19		7	20	3	27	8	23	2	13						
		4		24	45	4.1	14	40	5	45	13	37	9	60	4.0	4.2	-.16	4.0	4.3	-.29
		5		11	21		8	23	1	9	8	23	2	13						
		6	Very difficult	5	9		3	9	2	18	3	9	2	13						
			Total	53	100		35	100	11	100	35	100	15	100						
b. Managing your time	cmantime	1	Not at all difficult	4	7		4	11	0	0	4	11	0	0						
		2		4	7		3	8	1	9	3	8	1	7						
		3		8	15		6	17	1	9	6	17	1	7						
		4		17	31	4.0	10	28	3	27	8	22	8	53	3.8	4.5	-.50	3.9	4.3	-.26
		5		13	24		8	22	3	27	9	25	3	20						
		6	Very difficult	8	15		5	14	3	27	6	17	2	13						
			Total	54	100		36	100	11	100	36	100	15	100						
c. Paying college or university expenses	cpaycoll	1	Not at all difficult	2	4		2	6	0	0	2	6	0	0						
		2		4	8		0	0	4	36	3	9	1	7						
		3		7	13		5	14	1	9	5	14	1	7						
		4		19	36	4.2	13	37	2	18	9	26	8	53	4.3	3.7	.42	4.2	4.3	-.13
		5		11	21		7	20	2	18	9	26	2	13						
		6	Very difficult	10	19		8	23	2	18	7	20	3	20						
			Total	53	100		35	100	11	100	35	100	15	100						
d. Getting help with school work	cgethelp	1	Not at all difficult	6	11		5	14	1	9	5	14	1	7						
		2		3	6		2	6	1	9	3	9	0	0						
		3		16	30		11	31	4	36	11	31	5	33						
		4		17	32	3.5	10	29	3	27	9	26	6	40	3.4	3.4	.05	3.3	3.7	-.30
		5		8	15		4	11	2	18	5	14	2	13						
		6	Very difficult	3	6		3	9	0	0	2	6	1	7						
			Total	53	100		35	100	11	100	35	100	15	100						

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

Delayed-Entry Students

Item wording or description	Variable name	Values[c]	Response options	All Students Count	%	Mean	First-Gen[a] Yes Count	%	No Count	%	Expected Grades A- or higher Count	%	B+ or lower Count	%	First-Gen Yes Mean	No Mean	ES	Exp. Grades A- or higher Mean	B+ or lower Mean	ES
e. Making new friends	cmakefr	1	Not at all difficult	5	9		4	11	0	0	3	8	2	13						
		2		5	9		4	11	1	9	4	11	1	7						
		3		10	19		7	19	2	18	7	19	3	20						
		4		21	39	3.7	13	36	4	36	15	42	4	27	3.6	4.1	-.42	3.6	3.7	-.04
		5		9	17		5	14	3	27	4	11	4	27						
		6	Very difficult	4	7		3	8	1	9	3	8	1	7						
			Total	54	100		36	100	11	100	36	100	15	100						
f. Interacting with faculty	cintfac	1	Not at all difficult	7	13		5	14	1	9	5	14	2	13						
		2		7	13		5	14	2	18	6	17	1	7						
		3		11	20		8	22	3	27	10	28	1	7						
		4		21	39	3.3	13	36	3	27	12	33	7	47	3.3	3.3	-.02	3.1	3.7	-.45
		5		7	13		4	11	2	18	2	6	4	27						
		6	Very difficult	1	2		1	3	0	0	1	3	0	0						
			Total	54	100		36	100	11	100	36	100	15	100						

19. During the coming school year, about how often do you expect to seek help with coursework from the following sources?

Item wording or description	Variable name	Values[c]	Response options	All Students Count	%	Mean	First-Gen[a] Yes Count	%	No Count	%	Expected Grades A- or higher Count	%	B+ or lower Count	%	First-Gen Yes Mean	No Mean	ES	Exp. Grades A- or higher Mean	B+ or lower Mean	ES
a. Faculty members	cseekfac	1	Never	2	4		2	6	0	0	1	3	1	7						
		2	Sometimes	19	36		11	31	5	45	12	33	5	33						
		3	Often	20	38	2.8	13	36	4	36	14	39	6	40	2.9	2.7	.16	2.9	2.7	.15
		4	Very often	12	23		10	28	2	18	9	25	3	20						
			Total	53	100		36	100	11	100	36	100	15	100						
b. Academic advisors	cseekaa	1	Never	1	2		1	3	0	0	1	3	0	0						
		2	Sometimes	21	41		13	37	5	45	14	39	6	43						
		3	Often	18	35	2.8	13	37	4	36	13	36	5	36	2.8	2.7	.09	2.8	2.8	-.01
		4	Very often	11	22		8	23	2	18	8	22	3	21						
			Total	51	100		35	100	11	100	36	100	14	100						
c. Learning support services (tutoring, writing center, success coaching, etc.)	cseekls	1	Never	1	2		1	3	0	0	1	3	0	0						
		2	Sometimes	23	44		13	36	8	73	16	44	6	43						
		3	Often	17	33	2.7	13	36	1	9	10	28	6	43	2.8	2.5	.45	2.8	2.7	.04
		4	Very often	11	21		9	25	2	18	9	25	2	14						
			Total	52	100		36	100	11	100	36	100	14	100						
d. Friends or other students	cseekfrnd	1	Never	0	0		0	0	0	0	0	0	0	0						
		2	Sometimes	22	42		13	36	6	55	14	39	6	40						
		3	Often	18	34	2.8	13	36	3	27	12	33	6	40	2.9	2.6	.35	2.9	2.8	.11
		4	Very often	13	25		10	28	2	18	10	28	3	20						
			Total	53	100		36	100	11	100	36	100	15	100						

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

Delayed-Entry Students

					Frequency Distributions								Statistical Comparisons					
						First-Generation[a]				Expected Grades				First-Generation			Expected Grades	
Item wording or description	Variable name	Values[c]	Response options	All Students			Yes		No		A- or higher		B+ or lower		Yes	No		A- or higher	B+ or lower
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
e. Family members	cseekfam	1	Never	10	19		6	17	3	27	6	17	4	29						
		2	Sometimes	17	33		11	31	4	36	9	25	6	43						
		3	Often	16	31	2.5	11	31	3	27	14	39	2	14	2.6	2.2	.40	2.6	2.1	.46
		4	Very often	9	17		8	22	1	9	7	19	2	14						
			Total	52	100		36	100	11	100	36	100	14	100						
f. Other persons or offices	cseekoth	1	Never	4	8		4	11	0	0	2	6	2	15						
		2	Sometimes	24	46		13	37	8	73	14	39	7	54						
		3	Often	15	29	2.6	10	29	2	18	13	36	2	15	2.6	2.4	.32	2.7	2.3	.43
		4	Very often	9	17		8	23	1	9	7	19	2	15						
			Total	52	100		35	100	11	100	36	100	13	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	0	0		0	0	0	0	0	0	0	0						
		2		2	4		2	6	0	0	1	3	1	8						
		3		5	10		4	11	0	0	3	8	2	15						
		4		18	35	4.6	13	36	2	20	9	25	7	54	4.5	5.1	-.62	4.8	3.9 **	.93
		5		14	27		8	22	5	50	11	31	3	23						
		6	Very prepared	12	24		9	25	3	30	12	33	0	0						
			Total	51	100		36	100	10	100	36	100	13	100						
b. Speak clearly and effectively	cSGspeak	1	Not at all prepared	0	0		0	0	0	0	0	0	0	0						
		2		2	4		2	6	0	0	1	3	1	8						
		3		6	12		5	15	0	0	4	11	2	15						
		4		18	36	4.5	12	35	4	36	10	29	6	46	4.4	5.0	-.52	4.7	4.1	.61
		5		11	22		6	18	3	27	8	23	3	23						
		6	Very prepared	13	26		9	26	4	36	12	34	1	8						
			Total	50	100		34	100	11	100	35	100	13	100						
c. Think critically and analytically	cSGthink	1	Not at all prepared	0	0		0	0	0	0	0	0	0	0						
		2		0	0		0	0	0	0	0	0	0	0						
		3		6	11		5	14	0	0	3	8	3	21						
		4		17	32	4.8	10	28	4	36	10	28	4	29	4.8	5.1	-.31	5.0	4.4	.53
		5		13	25		9	25	2	18	8	22	5	36						
		6	Very prepared	17	32		12	33	5	45	15	42	2	14						
			Total	53	100		36	100	11	100	36	100	14	100						

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

Delayed-Entry Students

				All Students			First-Generation[a] Yes		No		Expected Grades A- or higher		B+ or lower		First-Generation Yes	No		Expected Grades A- or higher	B+ or lower	
Item wording or description	Variable name	Values[c]	Response options	Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
d. Analyze numerical and statistical information	cSGanalyze	1	Not at all prepared	0	0		0	0	0	0	0	0	0	0						
		2		0	0		0	0	0	0	0	0	0	0						
		3		9	18		6	17	2	18	4	11	5	38						
		4		13	25	4.7	9	25	2	18	8	22	3	23	4.7	4.9	-.16	4.9	4.2 *	.72
		5		13	25		10	28	2	18	10	28	3	23						
		6	Very prepared	16	31		11	31	5	45	14	39	2	15						
			Total	51	100		36	100	11	100	36	100	13	100						
e. Work effectively with others	cSGothers	1	Not at all prepared	0	0		0	0	0	0	0	0	0	0						
		2		0	0		0	0	0	0	0	0	0	0						
		3		6	11		5	14	0	0	4	11	2	13						
		4		17	32	4.7	10	28	3	27	8	22	7	47	4.7	5.1	-.39	4.9	4.3	.63
		5		16	30		11	31	4	36	11	31	5	33						
		6	Very prepared	14	26		10	28	4	36	13	36	1	7						
			Total	53	100		36	100	11	100	36	100	15	100						
f. Use computing and information technology	cgncompt13	1	Not at all prepared	0	0		0	0	0	0	0	0	0	0						
		2		0	0		0	0	0	0	0	0	0	0						
		3		7	13		5	14	1	9	5	14	2	14						
		4		13	25	4.7	9	25	1	9	6	17	5	36	4.8	5.0	-.26	4.9	4.4	.49
		5		20	38		12	33	6	55	13	36	6	43						
		6	Very prepared	13	25		10	28	3	27	12	33	1	7						
			Total	53	100		36	100	11	100	36	100	14	100						
g. Learn effectively on your own	cgninq	1	Not at all prepared	0	0		0	0	0	0	0	0	0	0						
		2		0	0		0	0	0	0	0	0	0	0						
		3		9	18		7	20	1	9	6	17	3	20						
		4		15	29	4.7	9	26	2	18	7	20	7	47	4.7	5.1	-.40	4.9	4.3	.56
		5		11	22		8	23	3	27	8	23	3	20						
		6	Very prepared	16	31		11	31	5	45	14	40	2	13						
			Total	51	100		35	100	11	100	35	100	15	100						

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

Delayed-Entry Students

Frequency Distributions   **Statistical Comparisons**

Item wording or description	Variable name	Values[c]	Response options	All Students Count	%	Mean	First-Generation[a] Yes Count	%	No Count	%	Expected Grades A- or higher Count	%	B+ or lower Count	%	First-Generation Yes Mean	No Mean	ES	Expected Grades A- or higher Mean	B+ or lower Mean	ES
21. How important is it to you that your instiution provides the following?																				
a. A challenging academic experience	cacadexp	1	Not important	1	2		1	3	0	0	1	3	0	0						
		2		2	4		2	6	0	0	1	3	1	7						
		3		10	19		6	17	2	18	6	17	4	27						
		4		17	33	4.3	11	31	3	27	10	29	6	40	4.2	4.7	-.44	4.3	4.1	.23
		5		13	25		10	29	2	18	11	31	1	7						
		6	Very important	9	17		5	14	4	36	6	17	3	20						
			Total	52	100		35	100	11	100	35	100	15	100						
b. Support to help students succeed academically	cSEacad	1	Not important	0	0		0	0	0	0	0	0	0	0						
		2		1	2		0	0	0	0	0	0	1	7						
		3		7	14		5	15	1	9	4	12	3	20						
		4		8	16	4.9	5	15	1	9	5	15	2	13	4.9	5.3	-.38	5.1	4.5	.52
		5		16	32		13	38	3	27	10	29	6	40						
		6	Very important	18	36		11	32	6	55	15	44	3	20						
			Total	50	100		34	100	11	100	34	100	15	100						
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	cSEdiv	1	Not important	0	0		0	0	0	0	0	0	0	0						
		2		1	2		1	3	0	0	0	0	1	7						
		3		7	14		5	14	1	9	4	11	3	20						
		4		15	29	4.7	9	26	3	27	10	29	4	27	4.7	4.9	-.15	4.9	4.3	.50
		5		10	20		7	20	3	27	6	17	4	27						
		6	Very important	18	35		13	37	4	36	15	43	3	20						
			Total	51	100		35	100	11	100	35	100	15	100						
d. Help managing your non-academic responsibilities (work, family, etc.)	cSEnacad	1	Not important	0	0		0	0	0	0	0	0	0	0						
		2		2	4		2	6	0	0	1	3	1	7						
		3		11	22		7	21	3	27	7	20	4	29						
		4		11	22	4.5	6	18	2	18	6	17	4	29	4.6	4.5	.09	4.7	4.1	.48
		5		14	27		8	24	4	36	10	29	3	21						
		6	Very important	13	25		11	32	2	18	11	31	2	14						
			Total	51	100		34	100	11	100	35	100	14	100						

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

BCSSE beginning college survey of student engagement

Delayed-Entry Students

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<td>g. Learning support services (tutoring, writing center, success coaching, etc.)</td><td>cSEserv</td><td>1</td><td>Not important</td>
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BCSSE 2019
Delayed-Entry 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

Mean Scale Scores and Selected Student Comparisons

BCSSEville State University

Delayed-Entry Students

BCSSE Scales	Variable [b]	All Students			First-Generation [a]			Expected Grades		
		Mean	SD	N	Yes Mean	No Mean	ES	A- or higher Mean	B+ or lower Mean	ES
Collaborative Learning *Expectation to interact and collaborate with peers*	EXP_CL	33.3	11.3	42	32.5	30.5	.17	31.4	31.6	-.02
Student-Faculty Interaction *Expectation to interact and engage with faculty*	EXP_SFI	32.6	14.0	42	33.5	31.1	.16	32.9	31.2	.13
Expected Discussions with Diverse Others *Expectation to engage in discussions with diverse others*	EXP_DD	41.4	14.4	42	44.1	43.8	.02	44.1	43.6	.03
Expected Academic Perseverance *Student certainty that they will persist in the face of academic adversity*	EXP_PER	40.0	16.3	42	44.6	43.7	.07	46.1	40.7 ***	.43
Expected Academic Difficulty *Expected academic difficulty during the coming year*	EXP_DIF	26.4	14.9	42	25.2	24.4	.06	24.3	26.1	-.16
Perceived Academic Preparation *Student perception of their academic preparation*	PER_PREP	45.3	16.3	40	48.2	47.4	.07	49.0	45.7 *	.29
Importance of Campus Environment *Student-rated importance that the institution provides a challenging and supportive environment*	IMP_CAMP	42.9	17.2	40	43.7	43.1	.05	44.0	41.9	.19

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

California State University, Fullerton

Delayed-Entry Students

BCSSE Scales	BCSSE Scale Descriptions for Variable [b]	All Students			First-Generation[a]			Expected Grades		
					Yes	No		A- or higher	B+ or lower	
		Mean	SD	N	Mean	Mean	ES	Mean	Mean	ES
Collaborative Learning *Expectation to interact and collaborate with peers*	EXP_CL	35.4	13.4	57	37.8	31.4	.49	38.0	32.7	.40
Student-Faculty Interaction *Expectation to interact and engage with faculty*	EXP_SFI	35.5	14.6	54	37.4	32.7	.31	37.4	32.5	.32
Expected Discussions with Diverse Others *Expectation to engage in discussions with diverse others*	EXP_DD	36.1	17.2	54	36.7	39.5	-.17	35.7	40.1	-.27
Expected Academic Perseverance *Student certainty that they will persist in the face of academic adversity*	EXP_PER	43.9	10.8	54	44.3	47.1	-.27	46.6	39.0 *	.75
Expected Academic Difficulty *Expected academic difficulty during the coming year*	EXP_DIF	32.7	10.4	54	31.4	34.1	-.25	30.9	35.8	-.53
Perceived Academic Preparation *Student perception of their academic preparation*	PER_PREP	44.1	11.4	52	43.9	48.3	-.39	46.6	38.9 *	.72
Importance of Campus Environment *Student-rated importance that the institution provides a challenging and supportive environment*	IMP_CAMP	42.0	11.9	51	42.5	44.3	-.16	44.0	37.6	.54

BCSSE
beginning college survey
of student engagement

BCSSE Scales

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

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

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