
BCSSE 2019

First-Year Student Institutional Report

San Francisco State University

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

First-Year Student Respondent Profile

San Francisco State University

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.

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.

Respondent Profile
BCSSEville State University

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation*				Self-Reported HS Grades			
			Count	%	Yes	%	No	%	A- or Higher	%	B+ or Lower	%
28. This institution was your:	ccchoice17	First choice Second choice Third choice or lower Total	969 222 39 1230	79 18 3 100	534 124 25 683	78 18 3 100	434 97 14 545	80 18 3 100	587 117 18 722	81 16 2 100	378 104 21 503	75 21 4 100
29. What is your gender identity?	cgender	Man Woman Another gender identity I prefer not to respond Total	599 622 5 7 1233	49 50 0 1 100	327 349 5 5 686	48 51 1 1 100	272 272 0 1 545	50 50 0 0 100	299 419 3 4 725	41 58 0 1 100	287 201 2 3 503	59 40 0 1 100
30. Are you an international student or foreign national?	cinternat	No Yes Total	1212 15 1227	99 1 100	673 9 682	99 1 100	537 6 543	99 1 100	712 10 722	99 1 100	495 5 500	99 1 100
31. How would you describe yourself? (Select all that apply)	re_race	American Indian or Alaska Native Asian Black or African American Hispanic or Latino Middle Eastern or North African Native Hawaiian or Other Pacific Islander White Another race or ethnicity Multiracial I prefer not to respond Total	8 10 80 74 0 1 943 3 95 10 1233	1 1 7 6 0 0 76 0 8 1 100	2 6 68 70 0 1 473 2 58 6 686	0 1 10 0 0 0 69 0 8 1 100	6 4 21 4 0 0 469 1 37 3 545	1 1 4 1 0 0 86 0 7 1 100	6 7 24 3 0 0 605 0 54 4 724	1 1 3 3 0 0 84 0 7 1 100	1 3 65 50 0 1 334 3 41 6 504	0 1 13 10 0 0 66 1 8 1 100

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
- Number of Surveys Completed	bmodecmp											
Mode of completion		Paper	0	0								
		Web	947	100								
		Total	947	100								
1. Please indicate the year you graduated from high school:												
	hgradyr	Prior to 2016	0	0	0	0	0	0	0	0	0	0
		2016	0	0	0	0	0	0	0	0	0	0
		2017	10	1	4	1	4	2	6	2	4	1
		2018	24	3	8	2	9	4	9	3	14	3
		2019	897	96	419	97	230	95	345	96	541	97
		Total	931	100	431	100	243	100	360	100	559	100
W1. Since graduating from high school, which of the following have you done? (Select all that apply.)												
(Online survey respondents only. The paper survey did not include this item.)	tattend	Attend another college or university	7	25	3	30	4	36	4	33	3	20
	tmilitary	Military service	2	7	0	0	1	9	0	0	2	13
	twork_ft	Work full-time	2	7	1	10	0	0	1	8	1	7
	twork_pt	Work part-time	17	61	4	40	8	73	7	58	9	60
	thome	Homemaker or stay at home spouse	1	4	0	0	0	0	1	8	0	0
	tvolunteer	Volunteer	10	36	3	30	4	36	5	42	5	33
	tsinceoth	Other	4	14	1	10	3	27	1	8	3	20
W2. Since graduating from high school, which of the following types of schools have you attended other than this institution? (Select all that apply.)												
(Online survey respondents only. The paper survey did not include this item.)	tattend_voc	Vocational or technical school	0	0	0	0	0	0	0	0	0	0
	tattend_com	Community or junior college	3	43	0	0	3	75	2	50	1	33
	tattend_col	4-year college or university other than this one	3	43	2	67	1	25	2	50	1	33
	tattend_other	Other	2	29	1	33	1	25	1	25	1	33
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.)	tttnsfr_cr	0	3	43	1	33	2	50	2	50	1	33
		1-11	4	57	2	67	2	50	2	50	2	67
		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	7	100	3	100	4	100	4	100	3	100

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
2. From which type of high school did you graduate? (Select only one.)												
	htype13	Public	727	95	352	96	184	91	289	97	430	93
		Private, religiously-affiliated	35	5	12	3	15	7	5	2	29	6
		Private, not religiously affiliated	7	1	3	1	4	2	4	1	3	1
		Home school	0	0	0	0	0	0	0	0	0	0
		Other (e.g., G.E.D.)	0	0	0	0	0	0	0	0	0	0
		Total	769	100	367	100	203	100	298	100	462	100
3. What were most of your high school grades? (Select only one.)												
	hgrades17	C- or lower	2	0	1	0	0	0	0	0	2	0
		C	14	2	9	2	3	1	0	0	14	3
		C+	23	3	11	3	3	1	0	0	23	4
		B-	59	6	26	6	18	7	0	0	59	11
		B	238	26	108	25	62	26	0	0	238	43
		B+	223	24	102	24	52	21	0	0	223	40
		A-	138	15	62	14	40	16	138	38	0	0
		A	204	22	105	24	59	24	204	57	0	0
		A+	18	2	6	1	5	2	18	5	0	0
		Grades not used	1	0	0	0	1	0	0	0	0	0
		Total	920	100	430	100	243	100	360	100	559	100
4. To date, in which of the following math classes have you earned a grade of "C" or better? (Select all that apply.)												
	halg13	Algebra II	777	90	375	89	213	90	312	92	462	89
	hprecalc13	Pre-calculus/Trigonometry	483	61	237	56	137	58	217	68	263	56
	hcalc13	Calculus	161	22	80	19	47	20	84	27	75	17
	hstats13	Probability or Statistics	269	35	122	29	83	35	106	35	161	35
5. If you completed the SAT and/or ACT, please enter your scores below (as best you remember):												
(Recorded SAT and ACT composite created by BCSSE.)	sat_act17r	900 or lower	117	17	87	23	11	5	36	13	81	19
		901 - 1000	131	18	78	21	29	13	52	18	79	19
		1001 - 1100	158	22	86	23	49	22	59	21	98	23
		1101 - 1200	177	25	74	20	76	34	79	28	97	23
		1201 - 1300	82	12	37	10	33	15	36	13	46	11
		1301 - 1400	33	5	12	3	18	8	17	6	16	4
		1401 - 1600	11	2	3	1	6	3	8	3	3	1
		Total	709	100	377	100	222	100	287	100	420	100

First-Year Students

			First-Generation ^a				Self-Reported HS Grades					
Item wording or description	Variable name	Response options	All Students		Yes		No		A- or Higher		B+ or Lower	
			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	518	77	293	68	220	92	209	75	307	77
		Not using	83	12	70	16	11	5	31	11	52	13
		Not sure	76	11	65	15	9	4	38	14	38	10
		Total	677	100	428	100	240	100	278	100	397	100
Loans	cloans	Using	252	37	153	36	97	41	100	36	151	38
		Not using	254	38	164	38	88	37	107	39	146	37
		Not sure	169	25	111	26	53	22	68	25	101	25
		Total	675	100	428	100	238	100	275	100	398	100
Grants or scholarships	cgrants	Using	417	61	303	70	107	45	173	62	243	61
		Not using	139	20	56	13	81	34	51	18	87	22
		Not sure	123	18	71	17	52	22	53	19	70	18
		Total	679	100	430	100	240	100	277	100	400	100
Employment on- or off-campus	cjob	Using	400	59	277	65	119	50	154	56	245	61
		Not using	95	14	43	10	51	21	42	15	52	13
		Not sure	183	27	109	25	70	29	81	29	102	26
		Total	678	100	429	100	240	100	277	100	399	100
Personal savings or other sources	cpersonal	Using	368	54	238	56	126	53	140	51	228	57
		Not using	132	20	81	19	50	21	47	17	84	21
		Not sure	176	26	109	25	63	26	89	32	86	22
		Total	676	100	428	100	239	100	276	100	398	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	2	0	1	0	1	0	0	0	2	0	
	C+	16	2	14	3	2	1	5	2	11	3	
	B-	51	7	32	7	18	7	6	2	44	11	
	B	189	28	119	28	69	28	59	21	130	32	
	B+	176	26	114	27	57	23	68	24	108	27	
	A-	155	23	93	22	59	24	79	28	75	19	
	A	95	14	57	13	37	15	62	22	33	8	
	Grades not used	0	0	0	0	0	0	0	0	0	0	
Total	684	100	430	100	243	100	279	100	403	100		

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
24. Do you expect to graduate from this institution?												
	cintgrad	No	8	1	1	0	7	3	3	1	5	1
		Yes	581	85	377	88	193	79	235	84	344	86
		Uncertain	96	14	52	12	43	18	42	15	53	13
		Total	685	100	430	100	243	100	280	100	402	100
25. Do you know what your major will be?												
	cmajor	No	109	16	71	16	35	14	38	14	71	18
		Yes, specify	576	84	360	84	207	86	242	86	331	82
		Total	685	100	431	100	242	100	280	100	402	100
(Recoded variable cmajrcode into one of 12 major categories listed at right.)	cmajrcol	Arts & Humanities	99	17	46	13	52	25	50	21	49	15
		Biological Sci., Agriculture, & Natural Resources	67	12	47	13	20	10	29	12	38	11
		Physical Sci., Mathematics, & Computer Science	53	9	33	9	19	9	22	9	31	9
		Social Sciences	78	13	51	14	25	12	26	11	51	15
		Business	59	10	36	10	23	11	23	9	35	11
		Communications, Media, & Public Relations	23	4	10	3	12	6	8	3	15	5
		Education	17	3	14	4	2	1	2	1	15	5
		Engineering	55	10	34	9	20	10	16	7	38	11
		Health Professions	78	13	55	15	22	11	45	19	33	10
		Social Service Professions	32	6	24	7	8	4	12	5	20	6
		All Other	16	3	10	3	6	3	10	4	6	2
		Undecided, Undeclared	1	0	1	0	0	0	0	0	1	0
		Total	578	100	361	100	209	100	243	100	332	100
26. Are you (or will you be) a full-time student at this institution?												
	cfulltime18	No	22	3	16	4	6	2	9	3	13	3
		Yes	657	97	415	96	236	98	269	97	386	97
		Total	679	100	431	100	242	100	278	100	399	100
27. How many of your close friends will attend this institution during the coming year?												
	cfriends	None	327	48	183	43	141	58	143	52	182	46
		1	142	21	95	22	47	19	42	15	100	25
		2	91	13	68	16	21	9	42	15	49	12
		3	48	7	32	7	16	7	20	7	28	7
		4 or more	68	10	51	12	17	7	30	11	38	10
		Total	676	100	429	100	242	100	277	100	397	100

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
28. This institution was your:												
	cchoice17	First choice	324	48	216	51	105	43	124	45	197	50
		Second choice	234	35	142	33	89	37	90	32	144	36
		Third choice or lower	118	17	69	16	49	20	63	23	55	14
		Total	676	100	427	100	243	100	277	100	396	100
29. What is your gender identity?												
	cgender	Man	220	33	127	30	93	39	69	25	151	38
		Woman	438	65	295	69	139	58	198	71	239	60
		Another gender identity	14	2	5	1	9	4	8	3	6	2
		I prefer not to respond	3	0	3	1	0	0	2	1	1	0
		Total	675	100	430	100	241	100	277	100	397	100
30. Are you an international student or foreign national?												
	cinternat	No	617	92	391	92	223	93	246	90	369	94
		Yes	53	8	36	8	17	7	28	10	24	6
		Total	670	100	427	100	240	100	274	100	393	100
31. How would you describe yourself? (Select all that apply)												
	crace	American Indian or Alaska Native	0	0	0	0	0	0	0	0	0	0
	(Recoded from c_aminid to c_pnr where each student is represented only once.)	Asian	149	22	86	20	63	26	84	30	64	16
		Black or African American	46	7	26	6	19	8	15	5	31	8
		Hispanic or Latino	243	36	213	49	30	12	83	30	159	40
		Middle Eastern or North African	3	0	2	0	1	0	1	0	2	1
		Native Hawaiian or Other Pacific Islander	4	1	3	1	1	0	1	0	3	1
		White	93	14	27	6	66	27	42	15	51	13
		Another race or ethnicity	2	0	1	0	1	0	1	0	1	0
		Multiracial	135	20	73	17	62	26	50	18	85	21
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	675	100	431	100	243	100	277	100	396	100

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported HS Grades			
			Count	%	Yes		No		A- or Higher		B+ or Lower	
					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	111	16	111	26	0	0	45	16	66	17
		High school diploma or G.E.D.	170	25	170	39	0	0	66	24	104	26
		Attended college, but did not complete degree	89	13	89	21	0	0	31	11	57	14
		Associate's degree (A.A., A.S., etc.)	61	9	61	14	0	0	31	11	30	8
		Bachelor's degree (B.A., B.S., etc.)	136	20	0	0	136	56	63	23	72	18
		Master's degree (M.A., M.S., etc.)	87	13	0	0	87	36	33	12	54	14
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	20	3	0	0	20	8	8	3	12	3
		Total	674	100	431	100	243	100	277	100	395	100
First-generation status (Neither parent holds a bachelor's degree. Recoded from cpardegr18)	bfirstgen	First-generation	431	64	431	100	0	0	173	62	257	65
		Not first-generation	243	36	0	0	243	100	104	38	138	35
		Total	674	100	431	100	243	100	277	100	395	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)	375	56	211	49	164	67	146	53	227	57
		Fraternity or sorority house	1	0	1	0	0	0	0	0	1	0
		House, apartment, or other residence within walking distance to campus	80	12	52	12	28	12	32	12	48	12
		House, apartment, or other residence farther than walk. dist. to campus	208	31	160	37	47	19	96	35	112	28
		Not applicable: No campus, entirely online program, etc.	2	0	1	0	1	0	0	0	2	1
		Not applicable: Homeless or in transition	8	1	5	1	3	1	2	1	6	2
		Total	674	100	430	100	243	100	276	100	396	100

BCSSE 2019

First-Year Student Frequencies and Statistical Comparisons

San Francisco State University

Frequencies and Statistical Comparisons

About This Report

The Frequencies and Statistical Comparisons report presents item-by-item student responses and mean comparisons that allow you to examine patterns of similarity and difference between groups of 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.

- 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.

BCSSE
beginning college survey
of student engagement

Frequencies and Statistical Comparisons
BCSSEville State University

First-Year Students				Frequency Distributions								Statistical Comparisons							
				First-Generation*				Self-Reported HS Grades				First-Generation				Self-Reported HS Grades			
				Yes		No		A- or higher		B+ or lower		Yes		No		A- or higher		B+ or lower	
Item wording or description	Variable name	Values	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES	Mean	ES
6. During high school, how many of the following types of classes did you complete?																			
a. Advanced Placement (AP) classes	happc13num	0	0	420	35	261	39	158	30	187	26	230	48						
		1.5	1-2	382	32	225	34	156	30	238	34	142	29						
		3.5	3-4	25	2	131	20	138	26	194	27	75	15						
		5.5	5-6	88	7	30	5	56	11	62	9	26	5	1.6	2.2 ***	-.30	22	1.4 ***	.40
		7.5	7-8	24	2	9	1	15	3	19	3	5	1						
		9.5	9-10	10	1	6	1	4	1	7	1	3	1						
		11.5	11 or more	4	0	3	0	1	0	1	0	3	1						
		Total		1,187	100	651	100	528	100	708	100	484	100						
b. College or university courses for credit	happc17num	0	0	303	43	183	35	208	30	292	41								
		1.5	1-2	352	30	173	33	228	33	123	26								
		3.5	3-4	195	17	94	14	101	19	151	22	44	9						
		5.5	5-6	69	6	33	5	36	7	58	8	11	2	1.6	2.1 ***	-.23	24	1.0 ***	.64
		7.5	7-8	29	2	17	3	12	2	26	4	2	0						
		9.5	9-10	14	1	3	0	11	2	13	2	1	0						
		11.5	11 or more	19	2	9	1	10	2	14	2	5	1						
		Total		1,181	100	651	100	528	100	698	100	478	100						
c. International Baccalaureate (IB)	happc17num	0	0	1,115	99	615	99	496	98	655	98	455	99						
		1.5	1-2	7	1	3	0	4	1	5	1	2	0						
		3.5	3-4	4	0	3	0	1	0	3	0	1	0						
		5.5	5-6	4	0	2	0	2	0	1	0	3	1	.0	.1	-.04	.0	.0	.01
		7.5	7-8	0	0	0	0	0	0	0	0	0	0						
		9.5	9-10	1	0	0	0	1	0	1	0	0	0						
		11.5	11 or more	0	0	0	0	0	0	0	0	0	0						
		Total		1,131	100	623	100	504	100	665	100	461	100						
7. During your last year of high school, about how many papers, reports, or other writing tasks of the following length did you complete?																			
a. Up to 5 pages	happc17num	0	None	154	13	102	15	52	10	81	11	72	14						
		1.5	1-2	382	31	205	30	175	32	220	31	160	32						
		4	3-5	375	31	213	31	160	29	212	29	162	32						
		8	6-10	186	15	97	14	89	16	116	16	69	14	4.3	5.0 *	-.14	50	4.2 **	.16
		13	11-15	71	6	33	5	38	7	53	7	18	4						
		18	16-20	25	2	15	2	10	2	17	2	8	2						
		23	More than 20	36	3	17	2	19	3	21	3	15	3						
		Total		1,229	100	692	100	543	100	720	100	504	100						

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons						
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES
							Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean	
6. During high school, how many of the following types of classes did you complete?																				
a. Advanced Placement (AP) classes	hapcl13num	0	0	176	22		87	20	59	25	70	22	105	22						
	(Recoded version of hapcl13 created by BCSSE. Values are estimated number of AP classes.)	1.5	1-2	312	39		171	40	88	37	115	36	197	41						
		3.5	3-4	174	22		91	21	52	22	77	24	96	20						
		5.5	5-6	89	11	2.5	48	11	21	9	34	11	55	11	2.5	2.4	.06	2.5	2.4	.04
		7.5	7-8	39	5		20	5	14	6	16	5	23	5						
		9.5	9-10	7	1		4	1	2	1	3	1	4	1						
		11.5	11 or more	5	1		4	1	1	0	2	1	3	1						
	Total		802	100		425	100	237	100	317	100	483	100							
b. College or university courses for credit	hdc17num	0	0	433	56		227	55	138	59	159	52	272	59						
	(Recoded version of hdc17 created by BCSSE. Values are estimated number of dual credit classes.)	1.5	1-2	218	28		122	30	54	23	93	30	125	27						
		3.5	3-4	63	8		29	7	26	11	27	9	36	8						
		5.5	5-6	25	3	1.3	17	4	6	3	14	5	11	2	1.3	1.3	.03	1.5	1.2	.11
		7.5	7-8	9	1		7	2	1	0	3	1	6	1						
		9.5	9-10	4	1		1	0	3	1	1	0	3	1						
		11.5	11 or more	20	3		10	2	5	2	9	3	10	2						
	Total		772	100		413	100	233	100	306	100	463	100							
c. International Baccalaureate (IB)	hib17num	0	0	715	94		392	96	204	91	290	95	424	93						
	(Recoded version of hib17 created by BCSSE. Values are estimated number of international baccalaureate classes.)	1.5	1-2	17	2		7	2	7	3	5	2	12	3						
		3.5	3-4	11	1		4	1	5	2	5	2	6	1						
		5.5	5-6	6	1	0.3	3	1	3	1	1	0	4	1	.2	.4 *	-.20	.2	.3	-.03
		7.5	7-8	7	1		2	0	3	1	1	0	6	1						
		9.5	9-10	1	0		0	0	1	0	0	0	1	0						
		11.5	11 or more	4	1		1	0	2	1	3	1	1	0						
	Total		761	100		409	100	225	100	305	100	454	100							
7. During your last year of high school, about how many papers, reports, or other writing tasks of the following length did you complete?																				
a. Up to 5 pages	hwrshrtnum	0	None	67	9		47	11	10	4	21	7	46	10						
	(Recoded version of hWRshrt created by BCSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	157	20		78	18	59	25	64	20	93	20						
		4	3-5	263	34		146	35	73	31	109	35	154	33						
		8	6-10	140	18	6.7	71	17	44	19	55	18	84	18	6.6	6.9	-.05	6.9	6.5	.06
		13	11-15	59	8		27	6	22	9	24	8	35	8						
		18	16-20	27	3		13	3	9	4	12	4	14	3						
		23	More than 20	67	9		41	10	20	8	29	9	38	8						
	Total		780	100		423	100	237	100	314	100	464	100							

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

				Frequency Distributions										Statistical Comparisons						
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Mean	Mean	ES	Mean	Mean	ES
							Count	%	Count	%	Count	%	Count	%						
b. Between 6 and 10 pages	hwrmdnum	0	None	281	36		153	37	85	36	107	34	174	38						
		1.5	1-2	276	36		147	35	88	37	117	37	158	35						
	(Recoded version of hWRmd created by BCSSE. Values are estimated number of papers, reports, etc.)	4	3-5	129	17		71	17	42	18	50	16	79	17						
		8	6-10	54	7	2.5	30	7	12	5	25	8	28	6	2.5	2.4	.03	2.7	2.3	.10
		13	11-15	17	2		8	2	7	3	4	1	13	3						
		18	16-20	5	1		3	1	1	0	3	1	2	0						
		23	More than 20	10	1		7	2	3	1	7	2	3	1						
			Total	772	100		419	100	238	100	313	100	457	100						
c. 11 pages or more	hwrlngnum	0	None	519	68		280	68	157	67	203	65	315	69						
		1.5	1-2	172	22		89	21	59	25	77	25	95	21						
	(Recoded version of hWRlng created by BCSSE. Values are estimated number of papers, reports, etc.)	4	3-5	39	5		23	6	10	4	15	5	23	5						
		8	6-10	16	2	1.2	9	2	4	2	7	2	9	2	1.3	1.1	.05	1.3	1.1	.05
		13	11-15	10	1		7	2	2	1	3	1	7	2						
		18	16-20	2	0		1	0	0	0	1	0	1	0						
		23	More than 20	9	1		5	1	3	1	5	2	4	1						
			Total	767	100		414	100	235	100	311	100	454	100						
8. During your last year of high school, about how many hours did you spend in a typical 7-day week doing the following?																				
a. Preparing for class (studying, reading, doing homework, etc.)	hacadpr13hrs	0	0	6	1		4	1	1	0	3	1	3	1						
		3	1-5	251	32		152	36	65	27	87	28	163	35						
	(Recoded version of hacadpr13 created by BCSSE. Values are estimated number of hours)	8	6-10	233	30		118	28	79	33	98	31	135	29						
		13	11-15	121	15		61	14	43	18	48	15	73	16						
		18	16-20	84	11	10.2	49	11	27	11	36	11	48	10	9.9	10.8	-.12	10.9	9.7 *	.16
		23	21-25	44	6		24	6	15	6	24	8	20	4						
		28	26-30	23	3		13	3	6	2	11	3	11	2						
		33	More than 30	19	2		7	2	7	3	8	3	11	2						
			Total	781	100		428	100	243	100	315	100	464	100						
b. Working for pay	hworkhrs	0	0	392	50		217	51	129	53	166	53	226	49						
		3	1-5	88	11		43	10	35	14	44	14	42	9						
	(Recoded version of hworkhrs created by BCSSE. Values are estimated number of hours)	8	6-10	90	12		59	14	23	9	36	12	54	12						
		13	11-15	68	9		35	8	21	9	24	8	44	10						
		18	16-20	76	10	6.2	39	9	21	9	21	7	55	12	6.2	5.3	.11	5.2	6.9 **	-.20
		23	21-25	41	5		23	5	9	4	13	4	28	6						
		28	26-30	16	2		8	2	5	2	8	3	8	2						
		33	More than 30	6	1		4	1	0	0	0	0	6	1						
			Total	777	100		428	100	243	100	312	100	463	100						

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES	
							Count	%	Count	%	Count	%	Count	%							
c. Participating in co-curricular activities (organizations, school publications, student government, sports, etc.)	hcocurrhrs (Recoded version of hcocurrhrs created by BCSSE. Values are estimated number of hours)	0	0	116	15		62	14	36	15	47	15	69	15							
		3	1-5	225	29		135	32	58	24	92	29	133	29							
		8	6-10	144	19		83	19	46	19	56	18	86	19							
		13	11-15	118	15		54	13	43	18	47	15	71	16							
		18	16-20	89	11	9.3	52	12	26	11	35	11	54	12	9.0	9.9	-.10	9.5	9.2	.04	
		23	21-25	37	5		17	4	18	8	16	5	21	5							
		28	26-30	20	3		11	3	7	3	7	2	13	3							
		33	More than 30	25	3		14	3	6	3	14	4	11	2							
		Total		774	100		428	100	240	100	314	100	458	100							
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	hsocial13hrs (Recoded version of hsocial13hrs created by BCSSE. Values are estimated number of hours)	0	0	11	1		9	2	2	1	2	1	9	2							
		3	1-5	223	29		136	32	52	21	89	28	133	29							
		8	6-10	238	31		131	31	81	33	109	35	129	28							
		13	11-15	127	16		75	17	37	15	48	15	79	17							
		18	16-20	86	11	10.8	37	9	37	15	35	11	50	11	9.9	11.7 **	-.23	10.4	11.0	-.08	
		23	21-25	42	5		16	4	20	8	15	5	27	6							
		28	26-30	13	2		7	2	4	2	4	1	9	2							
		33	More than 30	39	5		18	4	10	4	13	4	26	6							
		Total		779	100		429	100	243	100	315	100	462	100							
9. During your <i>last year</i> of high school, of the time you spent preparing for class in a typical 7-day week, about how much was on assigned reading?																					
	htmread14	1	Very little	107	14		56	13	40	17	39	12	68	15							
		2	Some	295	38		155	36	95	39	116	37	178	39							
		3	About half	232	30	2.5	136	32	67	28	105	34	126	28	2.6	2.5	.14	2.6	2.5	.05	
		4	Most	118	15		66	15	36	15	44	14	74	16							
		5	Almost all	21	3		15	4	4	2	9	3	12	3							
		Total		773	100		428	100	242	100	313	100	458	100							
10. During your <i>last year</i> of high school, about how often did you do the following?																					
a. Came to class without completing readings or assignments	hunprepard	1	Never	207	27		128	30	56	23	110	36	97	21							
		2	Sometimes	479	63		259	61	164	67	169	55	309	68							
		3	Often	52	7	1.9	27	6	17	7	19	6	32	7	1.8	1.9	-.09	1.8	1.9 **	-.23	
		4	Very often	28	4		14	3	6	2	11	4	17	4							
		Total		766	100		428	100	243	100	309	100	455	100							

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Mean	Mean	ES	Mean	Mean	ES	
							Count	%	Count	%	Count	%	Count	%							
b. Prepared two or more drafts of a paper or assignment before turning it in	hdrafting	1	Never	104	14	2.4	50	12	39	16	34	11	70	15	2.5	2.4	.11	2.5	2.4 *	.16	
		2	Sometimes	311	41		169	40	102	42	124	40	186	41							
		3	Often	259	34		160	37	72	30	107	35	152	34							
		4	Very often	89	12		48	11	30	12	43	14	45	10							
		Total	763	100	427		100	243	100	308	100	453	100								
c. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	hQRconclud	1	Never	69	9	2.6	36	8	26	11	31	10	38	8	2.6	2.7	-.11	2.6	2.7	-.01	
		2	Sometimes	252	33		164	39	65	27	104	34	147	33							
		3	Often	309	41		159	38	110	45	112	37	196	44							
		4	Very often	125	17		65	15	42	17	58	19	67	15							
		Total	755	100	424		100	243	100	305	100	448	100								
d. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	hQRproblem	1	Never	101	13	2.5	67	16	26	11	41	13	59	13	2.4	2.6 *	-.19	2.5	2.5	.07	
		2	Sometimes	284	38		167	39	88	36	111	36	173	39							
		3	Often	256	34		138	32	86	35	99	32	156	35							
		4	Very often	114	15		57	13	43	18	54	18	60	13							
		Total	755	100	429		100	243	100	305	100	448	100								
e. Evaluated what others have concluded from numerical information	hQRrevaluat	1	Never	121	16	2.4	77	18	33	14	47	16	73	16	2.3	2.4	-.09	2.4	2.3	.07	
		2	Sometimes	315	42		177	41	108	45	126	42	188	42							
		3	Often	236	32		132	31	71	29	92	30	144	32							
		4	Very often	77	10		41	10	29	12	38	13	39	9							
		Total	749	100	427		100	241	100	303	100	444	100								
f. Identified key information from reading assignments	hLSreading	1	Never	10	1	3.1	7	2	3	1	6	2	4	1	3.1	3.2 *	-.19	3.2	3.1	.11	
		2	Sometimes	136	18		82	19	40	17	48	16	87	20							
		3	Often	355	48		213	50	101	42	138	46	217	49							
		4	Very often	246	33		125	29	97	40	111	37	134	30							
		Total	747	100	427		100	241	100	303	100	442	100								
g. Reviewed your notes after class	hLSnotes	1	Never	36	5	2.8	22	5	11	5	11	4	25	6	2.8	2.8	.06	2.9	2.8	.14	
		2	Sometimes	239	32		128	30	91	38	88	29	150	34							
		3	Often	281	38		172	40	76	32	120	40	161	36							
		4	Very often	192	26		106	25	63	26	83	27	108	24							
		Total	748	100	428		100	241	100	302	100	444	100								

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES	
							Count	%	Count	%	Count	%	Count	%							
h Summarized what you learned in class or from course materials	hLSsummry	1	Never	40	5	2.8	21	5	12	5	14	5	25	6	2.8	2.8	-.02	2.9	2.7 *	.18	
		2	Sometimes	255	34		148	35	87	36	94	31	161	36							
		3	Often	282	38		169	40	83	34	111	37	171	39							
		4	Very often	168	23		89	21	59	24	82	27	85	19							
		Total	745	100	427		100	241	100	301	100	442	100								
i Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	hridivers	1	Never	34	5	2.9	16	4	13	5	10	3	24	5	2.8	3.0	-.13	2.9	2.9	.02	
		2	Sometimes	228	31		142	33	65	27	90	30	137	31							
		3	Often	268	36		159	37	83	34	120	40	147	33							
		4	Very often	215	29		109	26	81	33	81	27	134	30							
		Total	745	100	426		100	242	100	301	100	442	100								
j Examined the strengths and weaknesses of your own views on a topic or issue	hriownview	1	Never	28	4	2.9	17	4	9	4	16	5	12	3	2.9	3.0	-.15	2.9	3.0	-.12	
		2	Sometimes	200	27		127	30	54	22	87	29	113	26							
		3	Often	323	43		179	42	109	45	123	41	199	45							
		4	Very often	194	26		106	25	70	29	76	25	117	27							
		Total	745	100	429		100	242	100	302	100	441	100								
k Tried to better understand someone else's views by imagining how an issue looks from their perspective	hriperspct	1	Never	12	2	3.1	2	0	7	3	8	3	4	1	3.1	3.2	-.12	3.1	3.2	-.12	
		2	Sometimes	132	18		87	20	33	14	52	17	80	18							
		3	Often	339	46		201	47	106	44	147	49	191	43							
		4	Very often	260	35		140	33	96	40	93	31	166	38							
		Total	743	100	430		100	242	100	300	100	441	100								
11. During your last year of high school, how involved were you in the following activities at your school or elsewhere?																					
a. Performing or visual arts programs (band, chorus, theater, art, etc.)	hinvars	1	Not at all	160	22	3.1	96	22	46	19	55	18	105	24	3.0	3.3 *	-.19	3.2	3.0	.13	
		2	Very little	133	18		81	19	39	16	61	20	72	16							
		3	Some	143	19		87	20	40	17	48	16	95	22							
		4	Quite a bit	116	16		65	15	37	15	47	16	69	16							
		5	Very much	189	26		101	23	80	33	87	29	100	23							
		Total	741	100	430		100	242	100	298	100	441	100								
b. Athletic teams (varsity, JV, club sport, etc.)	hinvatlh	1	Not at all	229	31	2.9	138	32	69	29	102	34	126	29	2.8	3.1	-.14	2.8	2.9	-.06	
		2	Very little	101	14		59	14	34	14	39	13	62	14							
		3	Some	116	16		76	18	27	11	41	14	74	17							
		4	Quite a bit	101	14		54	13	38	16	34	11	67	15							
		5	Very much	194	26		103	24	74	31	82	28	112	25							
		Total	741	100	430		100	242	100	298	100	441	100								

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

				Frequency Distributions										Statistical Comparisons						
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
							Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean	
c. Student government	hstugov	1	Not at all	471	64		270	64	163	68	179	61	290	66						
		2	Very little	114	16		61	14	36	15	46	16	68	16						
		3	Some	68	9	1.7	43	10	19	8	32	11	36	8	1.8	1.6	.13	1.9	1.7	.14
		4	Quite a bit	28	4		15	4	9	4	11	4	17	4						
		5	Very much	53	7		36	8	13	5	27	9	26	6						
		Total		734	100		425	100	240	100	295	100	437	100						
d. Publications (student newspaper, yearbook, etc.)	hinvpubs	1	Not at all	509	69		287	67	176	73	201	68	307	70						
		2	Very little	96	13		54	13	34	14	34	11	62	14						
		3	Some	62	8	1.6	39	9	16	7	32	11	30	7	1.7	1.5 *	.19	1.7	1.6	.08
		4	Quite a bit	39	5		23	5	9	4	14	5	24	5						
		5	Very much	33	4		25	6	7	3	16	5	17	4						
		Total		739	100		428	100	242	100	297	100	440	100						
e. Academic clubs or honor societies	hinvhon13	1	Not at all	321	43		185	43	102	43	103	35	217	49						
		2	Very little	130	18		68	16	50	21	50	17	80	18						
		3	Some	141	19	2.3	80	19	50	21	61	21	79	18	2.3	2.2	.12	2.6	2.0 ***	.39
		4	Quite a bit	72	10		45	10	18	8	37	12	35	8						
		5	Very much	74	10		52	12	19	8	46	15	28	6						
		Total		738	100		430	100	239	100	297	100	439	100						
f. Vocational clubs (business, health, technology, etc.)	hinvvcl	1	Not at all	460	62		264	62	153	63	192	65	267	61						
		2	Very little	119	16		70	16	40	17	42	14	77	18						
		3	Some	77	10	1.7	50	12	20	8	30	10	47	11	1.7	1.7	.01	1.7	1.8	-.05
		4	Quite a bit	48	7		27	6	14	6	19	6	28	6						
		5	Very much	34	5		17	4	14	6	13	4	21	5						
		Total		738	100		428	100	241	100	296	100	440	100						
g. Religious youth groups	hrelgrp	1	Not at all	569	78		327	77	193	80	227	77	341	78						
		2	Very little	55	7		33	8	16	7	24	8	31	7						
		3	Some	51	7	1.5	26	6	18	7	22	7	28	6	1.5	1.4	.07	1.5	1.5	.00
		4	Quite a bit	36	5		23	5	8	3	9	3	27	6						
		5	Very much	23	3		15	4	7	3	12	4	11	3						
		Total		734	100		424	100	242	100	294	100	438	100						

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons						
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES
							Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean	
h. Community service or volunteer work	hvolntr	1	Not at all	69	9		41	10	22	9	26	9	43	10						
		2	Very little	113	15		60	14	44	18	36	12	76	17						
		3	Some	192	26	3.4	99	23	75	31	76	26	116	26	3.5	3.2 *	.20	3.5	3.3 *	.18
		4	Quite a bit	173	24		99	23	55	23	67	23	105	24						
		5	Very much	189	26		126	30	46	19	91	31	98	22						
		Total	736	100		425	100	242	100	296	100	438	100							
12. During your <i>last year</i> of high school, to what extent did your course challenge you to do your best work?																				
	hchallenge	1	Not at all	4	1		1	0	1	0	2	1	2	0						
		2		17	2		9	2	8	3	6	2	11	2						
		3		48	6		23	5	18	7	17	6	31	7						
		4		162	22	5.0	89	21	62	26	58	19	104	24	5.1	4.9 *	.20	5.1	4.9	.13
		5		274	37		162	38	87	36	106	36	168	38						
		6		139	19		87	20	42	17	70	23	68	15						
		7	Very much	98	13		59	14	24	10	39	13	58	13						
		Total		742	100		430	100	242	100	298	100	442	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	3	0		1	0	2	1	3	1	0	0						
		3	1-5	64	9		44	10	17	7	28	10	36	9						
		8	6-10	139	20		97	23	36	15	51	18	87	21						
		13	11-15	161	23		91	21	61	25	71	25	90	22						
		18	16-20	165	24	15.4	87	20	69	29	66	23	99	24	15.1	15.9	-.10	15.3	15.5	-.03
		23	21-25	95	14		61	14	33	14	36	13	58	14						
		28	26-30	43	6		28	7	13	5	18	6	25	6						
		33	More than 30	32	5		18	4	10	4	13	5	19	5						
		Total	702	100		427	100	241	100	286	100	414	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	143	20		82	19	56	23	66	23	77	19						
		3	1-5	72	10		42	10	28	12	38	13	34	8						
		8	6-10	129	18		73	17	50	21	46	16	83	20						
		13	11-15	120	17		76	18	37	15	48	17	72	17						
		18	16-20	132	19	11.3	81	19	45	19	53	19	77	19	11.8	10.0 **	.21	10.3	12.0 *	-.19
		23	21-25	57	8		41	10	12	5	16	6	41	10						
		28	26-30	23	3		15	4	6	3	10	4	13	3						
		33	More than 30	23	3		16	4	5	2	6	2	17	4						
		Total	699	100		426	100	239	100	283	100	414	100							

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons								
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades				
							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		
c. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	ccocurrhrs (Recorded version of ccocurrhrs created by BCSSE. Values are estimated number of hours)	0	0	97	14	66	15	25	10	40	14	57	14									
		3	1-5	203	29	117	27	77	32	92	32	111	27									
		8	6-10	193	27	119	28	67	28	74	26	118	29									
		13	11-15	104	15	57	13	41	17	40	14	63	15									
		18	16-20	69	10	49	11	19	8	28	10	41	10	8.1	8.1	.00	7.8	8.3	-.08			
		23	21-25	21	3	11	3	8	3	5	2	16	4									
		28	26-30	7	1	4	1	1	0	3	1	4	1									
		33	More than 30	8	1	5	1	3	1	4	1	4	1									
		Total	702	100	428	100	241	100	286	100	414	100										
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	csocial13hrs (Recorded version of csocial13hrs created by BCSSE. Values are estimated number of hours)	0	0	15	2	11	3	4	2	8	3	7	2									
		3	1-5	211	30	142	33	61	25	91	32	119	29									
		8	6-10	227	32	147	34	71	30	95	33	132	32									
		13	11-15	128	18	72	17	49	20	44	15	84	20									
		18	16-20	80	11	33	8	41	17	33	12	46	11	8.7	10.3 **	-.24	9.0	9.7	-.11			
		23	21-25	24	3	13	3	11	5	8	3	16	4									
		28	26-30	7	1	4	1	2	1	3	1	4	1									
		33	More than 30	9	1	6	1	1	0	3	1	6	1									
		Total	701	100	428	100	240	100	285	100	414	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	17	2	12	3	5	2	10	4	7	2									
		2	Some	136	19	72	17	57	24	61	21	75	18									
		3	About half	246	35	144	34	91	38	96	34	149	36	3.4	3.1 **	.24	3.2	3.3	-.10			
		4	Most	229	33	142	33	74	31	90	32	138	33									
		5	Almost all	71	10	57	13	14	6	28	10	43	10									
		Total	699	100	427	100	241	100	285	100	412	100										
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	5	1	2	0	3	1	4	1	1	0									
		2	Sometimes	191	27	110	26	69	29	84	30	107	26									
		3	Often	325	46	214	50	101	42	120	42	203	49	3.0	3.0	.00	2.9	3.0	-.05			
		4	Very often	178	25	102	24	68	28	76	27	102	25									
		Total	699	100	428	100	241	100	284	100	413	100										

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
							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	
b. Explain course material to one or more students	cCLxplain	1	Never	14	2		7	2	5	2	3	1	11	3							
		2	Sometimes	291	42		173	40	105	44	111	39	179	43							
		3	Often	293	42	2.7	184	43	97	40	127	45	165	40	2.7	2.7	.08	2.7	2.7	.12	
		4	Very often	101	14		65	15	33	14	43	15	58	14							
		Total	699	100		429	100	240	100	284	100	413	100								
c. Prepare for exams by discussing or working through course material with other students	cCLstudy	1	Never	10	1		6	1	3	1	6	2	4	1							
		2	Sometimes	132	19		68	16	54	22	54	19	78	19							
		3	Often	346	50	3.1	221	52	116	48	139	49	206	50	3.1	3.0	.12	3.1	3.1	-.02	
		4	Very often	209	30		131	31	68	28	86	30	122	30							
		Total	697	100		426	100	241	100	285	100	410	100								
d. Work with other students on course projects or assignments	cCLproject	1	Never	4	1		2	0	2	1	2	1	2	0							
		2	Sometimes	129	19		72	17	49	20	53	19	76	18							
		3	Often	341	49	3.1	212	50	118	49	132	46	208	51	3.2	3.1	.11	3.1	3.1	.04	
		4	Very often	223	32		142	33	72	30	97	34	125	30							
		Total	697	100		428	100	241	100	284	100	411	100								
e. Talk about career plans with a faculty member	cSFcareer	1	Never	16	2		10	2	5	2	5	2	11	3							
		2	Sometimes	252	36		140	33	99	41	98	34	153	37							
		3	Often	253	36	2.8	160	37	83	34	107	38	146	36	2.9	2.8	.16	2.9	2.8	.08	
		4	Very often	176	25		118	28	54	22	75	26	100	24							
		Total	697	100		428	100	241	100	285	100	410	100								
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	cSFothrwrk	1	Never	62	9		30	7	28	12	23	8	39	10							
		2	Sometimes	293	42		171	40	109	45	125	44	167	41							
		3	Often	221	32	2.6	147	34	66	28	90	32	130	32	2.6	2.5 *	.20	2.6	2.6	-.03	
		4	Very often	119	17		79	19	37	15	45	16	74	18							
		Total	695	100		427	100	240	100	283	100	410	100								
g. Discuss your academic performance with a faculty member	cSFprform	1	Never	27	4		18	4	9	4	14	5	13	3							
		2	Sometimes	263	38		142	33	107	44	105	37	158	38							
		3	Often	253	36	2.8	164	38	78	32	103	36	149	36	2.8	2.7 *	.18	2.8	2.8	-.02	
		4	Very often	155	22		105	24	47	20	63	22	91	22							
		Total	698	100		429	100	241	100	285	100	411	100								
h. Discuss course topics, ideas, or concepts with a faculty member outside of class	cSFdiscuss	1	Never	49	7		27	6	18	8	18	6	31	8							
		2	Sometimes	305	44		184	43	110	46	127	45	177	43							
		3	Often	224	32	2.6	138	32	76	32	94	33	130	32	2.6	2.5	.11	2.6	2.6	.00	
		4	Very often	119	17		80	19	36	15	46	16	72	18							
		Total	697	100		429	100	240	100	285	100	410	100								

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons						
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES
							Count	%	Count	%	Count	%	Count	%						
i Prepare two or more drafts of a paper or assignment before turning it in	cdrafting	1	Never	26	4	2.8	15	4	10	4	9	3	17	4	2.9	2.8	.09	2.9	2.8	.08
		2	Sometimes	223	32		128	30	84	35	92	32	130	32						
		3	Often	291	42		185	43	94	39	111	39	180	44						
		4	Very often	157	23		100	23	53	22	73	26	83	20						
		Total	697	100	428		100	241	100	285	100	410	100							
j Come to class without completing readings or assignments	cunprepard	1	Never	417	60	1.5	266	62	139	58	172	60	244	59	1.5	1.5	-.03	1.5	1.5	.02
		2	Sometimes	235	34		130	30	91	38	91	32	143	35						
		3	Often	28	4		24	6	3	1	14	5	14	3						
		4	Very often	18	3		9	2	8	3	8	3	10	2						
		Total	698	100	429		100	241	100	285	100	411	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	13	2	3.3	10	2	3	1	5	2	8	2	3.3	3.4 *	-.17	3.3	3.4	-.14
		2	Sometimes	77	11		50	12	25	10	38	13	39	10						
		3	Often	261	38		171	40	79	33	112	40	149	36						
		4	Very often	344	49		198	46	134	56	128	45	214	52						
		Total	695	100	429		100	241	100	283	100	410	100							
b. People from an economic background other than your own	cDVeconomic	1	Never	16	2	3.3	12	3	4	2	6	2	10	2	3.2	3.4 *	-.17	3.2	3.3	-.06
		2	Sometimes	94	14		63	15	28	12	42	15	52	13						
		3	Often	266	38		169	39	87	36	111	39	155	38						
		4	Very often	320	46		185	43	122	51	124	44	194	47						
		Total	696	100	429		100	241	100	283	100	411	100							
c. People with religious beliefs other than your own	cDVreligion	1	Never	22	3	3.2	15	4	7	3	7	2	15	4	3.1	3.3 **	-.24	3.1	3.2	-.03
		2	Sometimes	129	19		92	21	33	14	58	20	71	17						
		3	Often	262	38		165	39	87	36	106	37	156	38						
		4	Very often	282	41		156	36	114	47	112	40	168	41						
		Total	695	100	428		100	241	100	283	100	410	100							
d. People with political views other than your own	cDVpolitical	1	Never	26	4	2.9	16	4	10	4	10	4	16	4	2.9	3.0	-.15	2.9	2.9	-.07
		2	Sometimes	224	32		146	34	71	29	93	33	131	32						
		3	Often	228	33		148	35	70	29	102	36	126	31						
		4	Very often	217	31		118	28	90	37	78	28	137	33						
		Total	695	100	428		100	241	100	283	100	410	100							

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
							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	
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	7	1		4	1	3	1	0	0	7	2							
		2		34	5		19	4	15	6	5	2	29	7							
		3		164	24		94	22	63	26	70	25	94	23							
		4		266	38	4.1	170	40	87	36	108	38	157	38	4.1	4.0	.12	4.2	4.0 *	.19	
		5		141	20		91	21	48	20	64	23	77	19							
		6	Very certain	82	12		50	12	25	10	35	12	46	11							
	Total		694	100		428	100	241	100	282	100	410	100								
b. Find additional information for course assignments when you don't understand the material	cfindinfo	1	Not at all certain	2	0		0	0	2	1	1	0	1	0							
		2		11	2		3	1	7	3	5	2	6	1							
		3		63	9		41	10	22	9	22	8	41	10							
		4		182	26	4.8	115	27	60	25	70	25	112	28	4.8	4.8	.05	4.9	4.8	.08	
		5		216	31		135	32	71	29	91	32	124	30							
		6	Very certain	216	31		132	31	79	33	92	33	123	30							
	Total		690	100		426	100	241	100	281	100	407	100								
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	1	Not at all certain	7	1		4	1	3	1	2	1	5	1							
		2		56	8		30	7	25	10	17	6	39	10							
		3		172	25		113	26	53	22	80	28	92	22							
		4		215	31	4.0	130	30	78	32	82	29	132	32	4.1	4.0	.04	4.1	4.0	.03	
		5		150	22		94	22	50	21	63	22	87	21							
		6	Very certain	92	13		57	13	32	13	37	13	54	13							
	Total		692	100		428	100	241	100	281	100	409	100								
d. Ask instructors for help when you struggle with course assignments	caskinst	1	Not at all certain	4	1		1	0	3	1	1	0	3	1							
		2		24	3		15	4	9	4	9	3	15	4							
		3		84	12		52	12	30	12	33	12	50	12							
		4		158	23	4.8	102	24	51	21	65	23	93	23	4.8	4.7	.08	4.8	4.7	.03	
		5		179	26		99	23	75	31	73	26	106	26							
		6	Very certain	242	35		159	37	73	30	99	35	142	35							
	Total		691	100		428	100	241	100	280	100	409	100								

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower		
							Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean	Mean	ES
e. Finish something you have started when you encounter challenges	cfinish	1	Not at all certain	0	0		0	0	0	0	0	0	0								
		2		6	1		3	1	3	1	3	1	3	1							
		3		73	11		49	11	22	9	26	9	47	11							
		4		192	28	4.8	133	31	53	22	71	25	121	30	4.7	4.9	-.14	4.8	4.8	.08	
		5		212	31		117	27	85	35	96	34	115	28							
		6	Very certain	209	30		127	30	78	32	85	30	123	30							
		Total	692	100		429	100	241	100	281	100	409	100								
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	1	Not at all certain	10	1		7	2	3	1	4	1	6	1							
		2		29	4		20	5	9	4	13	5	16	4							
		3		122	18		70	16	49	20	56	20	65	16							
		4		191	28	4.4	117	27	68	28	81	29	110	27	4.5	4.4	.09	4.4	4.5	-.13	
		5		155	22		91	21	56	23	61	22	93	23							
		6	Very certain	182	26		123	29	55	23	66	23	116	29							
		Total	689	100		428	100	240	100	281	100	406	100								
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	5	1		3	1	2	1	3	1	2	0							
		2		40	6		27	6	11	5	19	7	21	5							
		3		124	18		71	17	46	19	49	17	75	18							
		4		258	37	4.2	146	34	105	44	106	38	152	37	4.3	4.1	.13	4.2	4.2	-.05	
		5		176	26		121	28	54	22	69	25	106	26							
		6	Very difficult	87	13		60	14	23	10	35	12	51	13							
		Total	690	100		428	100	241	100	281	100	407	100								
b. Managing your time	cmantime	1	Not at all difficult	11	2		5	1	6	2	6	2	5	1							
		2		42	6		33	8	8	3	20	7	22	5							
		3		141	20		85	20	50	21	56	20	85	21							
		4		201	29	4.2	119	28	73	30	83	30	116	28	4.2	4.2	.01	4.2	4.3	-.05	
		5		168	24		101	24	66	27	61	22	107	26							
		6	Very difficult	128	19		86	20	38	16	55	20	73	18							
		Total	691	100		429	100	241	100	281	100	408	100								

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES	
							Count	%	Count	%	Count	%	Count	%							
c. Paying college or university expenses	cpaycoll	1	Not at all difficult	35	5		13	3	21	9	13	5	22	5							
		2		50	7		21	5	28	12	24	9	26	6							
		3		87	13		44	10	37	15	42	15	45	11							
		4		130	19	4.5	77	18	51	21	56	20	73	18	4.8	4.0 ***	.51	4.4	4.6	-.09	
		5		135	20		86	20	44	18	44	16	91	22							
		6	Very difficult	251	36		187	44	59	25	102	36	148	37							
		Total	688	100		428	100	240	100	281	100	405	100								
d. Getting help with school work	cgethelp	1	Not at all difficult	42	6		26	6	15	6	19	7	23	6							
		2		100	15		64	15	33	14	39	14	61	15							
		3		217	31		122	28	88	37	85	30	131	32							
		4		187	27	3.5	116	27	68	28	74	26	112	28	3.6	3.4 *	.16	3.5	3.5	.02	
		5		96	14		63	15	30	12	47	17	49	12							
		6	Very difficult	47	7		38	9	7	3	17	6	30	7							
		Total	689	100		429	100	241	100	281	100	406	100								
e. Making new friends	cmakefr	1	Not at all difficult	92	13		60	14	31	13	29	10	63	16							
		2		124	18		67	16	50	21	41	15	82	20							
		3		167	24		112	26	53	22	68	24	99	24							
		4		144	21	3.4	89	21	48	20	63	22	80	20	3.4	3.3	.02	3.6	3.2 **	.24	
		5		80	12		47	11	32	13	44	16	36	9							
		6	Very difficult	82	12		54	13	27	11	36	13	46	11							
		Total	689	100		429	100	241	100	281	100	406	100								
f. Interacting with faculty	cintfac	1	Not at all difficult	68	10		42	10	24	10	24	9	44	11							
		2		116	17		73	17	39	16	45	16	70	17							
		3		200	29		123	29	71	29	85	30	115	28							
		4		172	25	3.4	102	24	65	27	71	25	101	25	3.4	3.3	.04	3.4	3.3	.07	
		5		77	11		49	11	27	11	33	12	44	11							
		6	Very difficult	56	8		40	9	15	6	23	8	32	8							
		Total	689	100		429	100	241	100	281	100	406	100								
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	16	2		8	2	7	3	5	2	11	3							
		2	Sometimes	270	39		171	40	96	40	111	40	158	39							
		3	Often	296	43	2.7	180	42	108	45	114	41	181	45	2.7	2.7	.08	2.7	2.7	.09	
		4	Very often	102	15		70	16	30	12	50	18	52	13							
		Total	684	100		429	100	241	100	280	100	402	100								

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES	
							Count	%	Count	%	Count	%	Count	%							
b. Academic advisors	cseekaa	1	Never	13	2		7	2	6	2	5	2	8	2							
		2	Sometimes	228	33		133	31	93	39	87	31	141	35							
		3	Often	306	45	2.8	189	44	106	44	122	44	183	45	2.9	2.7 **	.23	2.9	2.8		.13
		4	Very often	138	20		100	23	36	15	66	24	71	18							
		Total	685	100		429	100	241	100	280	100	403	100								
c. Learning support services (tutoring, writing center, success coaching, etc.)	cseekls	1	Never	31	5		18	4	13	5	11	4	20	5							
		2	Sometimes	195	29		117	27	76	32	82	29	113	28							
		3	Often	291	43	2.9	177	41	107	44	112	40	177	44	2.9	2.8 *	.18	2.9	2.8		.06
		4	Very often	166	24		116	27	45	19	75	27	91	23							
		Total	683	100		428	100	241	100	280	100	401	100								
d. Friends or other students	cseekfrnd	1	Never	5	1		4	1	1	0	2	1	3	1							
		2	Sometimes	121	18		83	19	37	15	44	16	77	19							
		3	Often	333	49	3.1	209	49	117	49	131	47	201	50	3.1	3.2	-.14	3.2	3.1		.14
		4	Very often	224	33		132	31	86	36	102	37	121	30							
		Total	683	100		428	100	241	100	279	100	402	100								
e. Family members	cseekfam	1	Never	173	25		124	29	47	20	62	22	110	27							
		2	Sometimes	290	42		174	41	110	46	125	45	164	41							
		3	Often	150	22	2.2	88	21	58	24	62	22	88	22	2.1	2.3	-.16	2.2	2.1		.08
		4	Very often	71	10		43	10	26	11	31	11	40	10							
		Total	684	100		429	100	241	100	280	100	402	100								
f. Other persons or offices	cseekoth	1	Never	90	13		59	14	31	13	34	12	56	14							
		2	Sometimes	369	54		224	52	138	57	151	54	216	54							
		3	Often	167	24	2.3	105	25	57	24	65	23	102	25	2.3	2.2	.08	2.3	2.2		.09
		4	Very often	57	8		40	9	15	6	30	11	27	7							
		Total	683	100		428	100	241	100	280	100	401	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	7	1		6	1	1	0	3	1	4	1							
		2		20	3		11	3	7	3	8	3	12	3							
		3		99	15		73	17	25	10	37	13	62	15							
		4		208	30	4.5	139	32	66	27	83	30	125	31	4.4	4.7 **	-.26	4.5	4.4		.07
		5		213	31		127	30	83	34	89	32	123	31							
		6	Very prepared	135	20		73	17	59	24	59	21	75	19							
		Total	682	100		429	100	241	100	279	100	401	100								

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades		
							Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean	
b. Speak clearly and effectively	cSGspeak	1	Not at all prepared	8	1		6	1	2	1	4	1	4	1						
		2		27	4		18	4	8	3	11	4	16	4						
		3		95	14		67	16	27	11	40	14	55	14						
		4		206	30	4.5	125	29	78	32	90	32	116	29	4.4	4.6 *	-.16	4.4	4.5	-.10
		5		200	29		135	31	63	26	83	30	116	29						
		6	Very prepared	146	21		78	18	63	26	51	18	94	23						
		Total		682	100		429	100	241	100	279	100	401	100						
c. Think critically and analytically	cSGthink	1	Not at all prepared	4	1		3	1	1	0	2	1	2	1						
		2		11	2		9	2	2	1	3	1	8	2						
		3		86	13		57	13	27	11	32	11	54	14						
		4		225	33	4.6	150	35	73	30	93	33	132	33	4.5	4.7 **	-.25	4.6	4.5	.03
		5		212	31		139	32	71	29	96	34	116	29						
		6	Very prepared	143	21		70	16	67	28	53	19	88	22						
		Total		681	100		428	100	241	100	279	100	400	100						
d. Analyze numerical and statistical information	cSGanalyze	1	Not at all prepared	10	1		8	2	2	1	5	2	5	1						
		2		49	7		35	8	13	5	17	6	32	8						
		3		182	27		119	28	61	25	72	26	109	27						
		4		228	33	4.0	149	35	74	31	91	33	137	34	3.9	4.1 **	-.24	4.0	3.9	.09
		5		149	22		87	20	59	24	63	23	85	21						
		6	Very prepared	64	9		31	7	32	13	31	11	33	8						
		Total		682	100		429	100	241	100	279	100	401	100						
e. Work effectively with others	cSGothers	1	Not at all prepared	1	0		1	0	0	0	0	0	1	0						
		2		8	1		4	1	4	2	4	1	4	1						
		3		62	9		44	10	18	7	23	8	39	10						
		4		166	24	4.9	115	27	48	20	77	28	89	22	4.8	5.0 *	-.19	4.8	4.9	-.03
		5		224	33		140	33	80	33	86	31	137	34						
		6	Very prepared	221	32		125	29	91	38	89	32	131	33						
		Total		682	100		429	100	241	100	279	100	401	100						
f. Use computing and information technology	cgncompt13	1	Not at all prepared	5	1		4	1	1	0	3	1	2	1						
		2		27	4		14	3	12	5	9	3	18	5						
		3		123	18		81	19	39	16	52	19	70	18						
		4		172	25	4.5	113	26	56	23	76	27	96	24	4.4	4.5	-.06	4.4	4.5	-.09
		5		197	29		120	28	75	31	86	31	111	28						
		6	Very prepared	157	23		96	22	58	24	53	19	103	26						
		Total		681	100		428	100	241	100	279	100	400	100						

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

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES	
							Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean		
g. Learn effectively on your own	cgningq	1	Not at all prepared	5	1		4	1	1	0	1	0	4	1							
		2		19	3		13	3	6	3	4	1	15	4							
		3		94	14		62	14	31	13	33	12	61	15							
		4		220	32	4.5	139	32	78	33	94	34	126	32	4.5	4.5	-.08	4.6	4.4	.13	
		5		202	30		126	29	71	30	90	32	111	28							
		6	Very prepared	141	21		85	20	53	22	57	20	83	21							
		Total	681	100		429	100	240	100	279	100	400	100								
21. How important is it to you that your instiution provides the following?																					
a. A challenging academic experience	cacadexp	1	Not important	7	1		4	1	3	1	2	1	5	1							
		2		15	2		8	2	7	3	4	1	11	3							
		3		107	16		64	15	43	18	41	15	66	16							
		4		261	38	4.3	171	40	87	36	110	40	151	38	4.4	4.3	.07	4.4	4.3	.07	
		5		191	28		119	28	65	27	79	29	110	27							
		6	Very important	101	15		63	15	35	15	41	15	59	15							
		Total	682	100		429	100	240	100	277	100	402	100								
b. Support to help students succeed academically	cSEacad	1	Not important	0	0		0	0	0	0	0	0	0	0							
		2		3	0		2	0	1	0	0	0	3	1							
		3		31	5		19	4	12	5	15	5	16	4							
		4		99	14	5.3	72	17	26	11	34	12	65	16	5.3	5.4	-.10	5.4	5.3	.03	
		5		150	22		91	21	55	23	68	24	82	20							
		6	Very important	401	59		246	57	147	61	162	58	236	59							
		Total	684	100		430	100	241	100	279	100	402	100								
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	cSEdiv	1	Not important	7	1		4	1	3	1	2	1	5	1							
		2		6	1		4	1	2	1	2	1	4	1							
		3		55	8		38	9	16	7	25	9	30	7							
		4		133	20	5.0	89	21	41	17	59	21	74	18	5.0	5.1	-.11	5.0	5.1	-.04	
		5		163	24		101	24	59	24	64	23	99	25							
		6	Very important	318	47		193	45	120	50	127	46	189	47							
		Total	682	100		429	100	241	100	279	100	401	100								

Frequencies and Statistical Comparisons

San Francisco State University

First-Year Students

First-Year Students				Frequency Distributions										Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
							Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES	
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean		
d. Help managing your non-academic responsibilities (work, family, etc.)	cSEnacad	1	Not important	9	1		5	1	4	2	3	1	6	1							
		2		24	4		12	3	11	5	7	3	17	4							
		3		70	10		41	10	27	11	26	9	43	11							
		4		171	25	4.7	108	25	59	24	79	28	91	23	4.8	4.7	.12	4.8	4.7	.04	
		5		168	25		105	24	62	26	64	23	104	26							
		6	Very important	241	35		159	37	78	32	100	36	141	35							
		Total		683	100		430	100	241	100	279	100	402	100							
e. Opportunities to be involved socially	cSEsoc	1	Not important	3	0		1	0	2	1	0	0	3	1							
		2		12	2		9	2	3	1	5	2	7	2							
		3		66	10		42	10	23	10	31	11	35	9							
		4		164	24	4.9	113	26	47	20	66	24	98	24	4.8	5.0	-.14	4.9	4.9	.00	
		5		188	28		120	28	67	28	74	27	114	28							
		6	Very important	249	37		144	34	99	41	103	37	144	36							
		Total		682	100		429	100	241	100	279	100	401	100							
f. Opportunities to attend campus activities and events	cSEact	1	Not important	4	1		3	1	1	0	2	1	2	0							
		2		15	2		7	2	7	3	6	2	9	2							
		3		64	9		43	10	20	8	26	9	38	9							
		4		168	25	4.8	113	26	53	22	74	27	94	23	4.8	4.9	-.06	4.8	4.9	-.03	
		5		184	27		110	26	70	29	70	25	114	28							
		6	Very important	248	36		154	36	90	37	101	36	145	36							
		Total		683	100		430	100	241	100	279	100	402	100							
g. Learning support services (tutoring, writing center, success coaching, etc.)	cSEserv	1	Not important	1	0		1	0	0	0	0	0	1	0							
		2		11	2		6	1	5	2	4	1	7	2							
		3		51	8		28	7	23	10	20	7	31	8							
		4		126	19	5.1	80	19	44	18	45	16	81	20	5.1	5.0	.10	5.1	5.0	.10	
		5		173	26		108	25	62	26	72	26	101	25							
		6	Very important	316	47		205	48	106	44	134	49	180	45							
		Total		678	100		428	100	240	100	275	100	401	100							

BCSSE 2019


First-Year Student Scale Means

San Francisco State University

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.



BCSSE

beginning college survey
of student engagement

Scale Mean Scores and
Selected Student Comparisons

BCSSEville State University

First-Year Students

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BCSSE Scales	Variable *	All Students			First-Generation*			Self-Reported High School Grades			ES
		Mean	SD	N	Yes	No	ES	A- or higher	B+ or lower	ES	
					Mean	Mean		Mean	Mean		
Quantitative Reasoning											
High school engagement with analysis and numerical information	HS_QR	26.3	14.1	1221	25.4	27.7	**	-0.16	26.6	26.2	.02
Learning Strategies											
Use of effective learning strategies in high school	HS_LS	36.6	12.7	1220	36.4	36.8		-0.04	37.5	35.3	** .17
Collaborative Learning											
Expectation to interact and collaborate with peers	EXP_CL	34.9	10.7	1232	34.3	35.1		-0.07	35.5	33.6	** .17
Student-Faculty Interaction											
Expectation to interact and engage with faculty	EXP_SFI	30.4	11.5	1234	29.9	30.9		-0.09	30.0	30.0	.05
Expected Discussions with Diverse Others											
Expectation to engage in discussions with diverse others	EXP_DD	42.1	13.9	1233	40.8	43.0	**	-0.15	43.1	40.1	*** .21
Expected Academic Perseverance											
Student certainty that they will persist in the face of academic adversity	EXP_PER	40.6	9.8	1233	40.8	41.1		-0.03	41.8	39.8	*** .20
Expected Academic Difficulty											
Expected academic difficulty during the coming year	EXP_DIF	26.3	10.4	1233	26.9	25.0	**	.18	25.9	26.3	-.04
Perceived Academic Preparation											
Student perception of their academic preparation	PER_PREP	41.9	10.2	1233	41.6	42.9	*	-.13	43.4	40.6	*** .27
Importance of Campus Environment											
Student-rated importance that the institution provides a challenging and supportive environment	IMP_CAMP	41.3	10.7	1233	41.1	41.7		-0.05	42.2	40.1	*** .20

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3

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Scale Mean Scores and Selected Student Comparisons

San Francisco State University

First-Year Students

BCSSE Scales	Variable ^b	All Students			First-Generation ^a			Self-Reported High School Grades		
					Yes	No	ES	A- or higher	B+ or lower	ES
		Mean	SD	N	Mean	Mean		Mean	Mean	
Quantitative Reasoning										
<i>High school engagement with analysis and numerical information</i>	HS_QR	30.1	14.6	741	29.1	31.2	-.15	30.6	29.8	.06
Learning Strategies										
<i>Use of effective learning strategies in high school</i>	HS_LS	38.2	12.8	738	37.8	38.5	-.05	39.5	37.3 *	.17
Collaborative Learning										
<i>Expectation to interact and collaborate with peers</i>	EXP_CL	39.3	11.0	699	39.8	38.7	.10	39.5	39.2	.03
Student-Faculty Interaction										
<i>Expectation to interact and engage with faculty</i>	EXP_SFI	33.9	14.3	698	35.1	32.3 *	.20	33.9	33.8	.01
Expected Discussions with Diverse Others										
<i>Expectation to engage in discussions with diverse others</i>	EXP_DD	43.5	14.1	696	42.3	45.3 **	-.21	42.7	43.9	-.08
Expected Academic Perseverance										
<i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	41.8	9.7	692	42.0	41.4	.05	42.1	41.6	.06
Expected Academic Difficulty										
<i>Expected academic difficulty during the coming year</i>	EXP_DIF	33.8	11.0	689	34.3	33.1	.11	33.8	33.8	.00
Perceived Academic Preparation										
<i>Student perception of their academic preparation</i>	PER_PREP	41.6	9.7	682	40.7	43.1 **	-.24	41.7	41.5	.02
Importance of Campus Environment										
<i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	46.7	9.5	683	46.6	46.8	-.02	46.8	46.5	.03

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

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Endnotes

- 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.