
BCSSE 2019

First-Year Student Institutional Report

Humboldt 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

Humboldt 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.

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

Respondent Profile
BCSSEville State University

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation*				Self-Reported HS Grades			
			Count	%	Yes	No			A- or Higher	B+ or Lower		
					Count	%	Count	%	Count	%	Count	%
28. This institution was your:	cchoice17	First choice	969	79	534	78	434	80	587	81	378	75
		Second choice	222	18	124	18	97	18	117	16	104	21
		Third choice or lower	30	3	25	4	14	3	18	2	21	4
		Total	1233	100	683	100	545	100	722	100	503	100
29. What is your gender identity?	gender	Man	599	49	327	48	272	50	299	41	297	59
		Woman	622	50	349	51	272	50	419	58	201	40
		Another gender identity	5	0	5	1	0	0	3	0	2	0
		I prefer not to respond	7	1	5	1	1	0	4	1	3	1
		Total	1233	100	686	100	545	100	725	100	503	100
30. Are you an international student or foreign national?	internat	No	1212	99	673	99	537	99	712	99	495	99
		Yes	15	1	9	1	6	1	10	1	5	1
		Total	1227	100	682	100	543	100	722	100	500	100
31. How would you describe yourself? (Select all that apply)	race_ethn	American Indian or Alaska Native	8	1	2	0	6	1	6	1	1	0
		Asian	10	1	6	1	4	1	7	1	3	1
		Black or African American	80	7	68	10	21	4	24	3	65	13
		Hispanic or Latino	74	6	70	10	4	1	24	3	50	10
		Middle Eastern or North African	0	0	0	0	0	0	0	0	0	0
		Native Hawaiian or Other Pacific Islander	1	0	1	0	0	0	0	0	1	0
		White	943	76	473	69	469	86	605	84	334	66
		Another race or ethnicity	3	0	2	0	1	0	0	0	3	1
		Multiracial	95	8	58	8	37	7	54	7	41	8
		I prefer not to respond	10	1	6	1	3	1	4	1	6	1
		Total	1233	100	686	100	545	100	724	100	504	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	178	100								
		Total	178	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	1	1	0	0	0	0	0	0	1	1
		2018	7	4	1	2	4	6	3	4	4	4
		2019	170	96	53	98	63	94	71	96	97	95
		Total	178	100	54	100	67	100	74	100	102	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	2	22	1	50	0	0	0	0	2	40
	tmilitary	Military service	0	0	0	0	0	0	0	0	0	0
	twork_ft	Work full-time	4	44	0	0	2	50	2	50	2	40
	twork_pt	Work part-time	4	44	2	100	1	25	2	50	2	40
	thome	Homemaker or stay at home spouse	0	0	0	0	0	0	0	0	0	0
	tvolunteer	Volunteer	3	33	0	0	3	75	2	50	1	20
	tsinceoth	Other	4	44	0	0	3	75	2	50	2	40
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	1	100	1	100	0	0	0	0	1	100
	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.)	ttnsfr_cr	0	2	100	1	100	0	0	0	0	2	100
		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	2	100	1	100	0	0	0	0	2	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	157	99	52	100	60	98	66	100	89	98
		Private, religiously-affiliated	2	1	0	0	1	2	0	0	2	2
		Private, not religiously affiliated	0	0	0	0	0	0	0	0	0	0
		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	159	100	52	100	61	100	66	100	91	100
3. What were most of your high school grades? (Select only one.)												
	hgrades17	C- or lower	0	0	0	0	0	0	0	0	0	0
		C	3	2	1	2	0	0	0	0	3	3
		C+	2	1	0	0	1	1	0	0	2	2
		B-	10	6	1	2	3	4	0	0	10	10
		B	39	22	12	22	15	22	0	0	39	38
		B+	48	27	20	37	12	18	0	0	48	47
		A-	21	12	6	11	10	15	21	28	0	0
		A	52	30	14	26	26	39	52	70	0	0
		A+	1	1	0	0	0	0	1	1	0	0
		Grades not used	0	0	0	0	0	0	0	0	0	0
		Total	176	100	54	100	67	100	74	100	102	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	149	93	48	92	58	91	62	93	87	94
	hprecalc13	Pre-calculus/Trigonometry	92	61	29	56	37	58	44	66	48	56
	hcalc13	Calculus	33	24	9	17	18	28	16	27	17	22
	hstats13	Probability or Statistics	42	29	10	19	19	30	16	26	26	32
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	16	12	8	16	6	10	4	7	12	15
		901 - 1000	18	13	10	20	3	5	6	10	12	15
		1001 - 1100	29	21	20	40	6	10	8	14	21	27
		1101 - 1200	23	17	4	8	10	16	9	15	14	18
		1201 - 1300	30	22	7	14	20	32	18	31	12	15
		1301 - 1400	13	9	0	0	11	18	9	15	4	5
		1401 - 1600	8	6	1	2	6	10	5	8	3	4
		Total	137	100	50	100	62	100	59	100	78	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	95	77	36	67	57	85	44	79	51	76
		Not using	21	17	12	22	9	13	8	14	13	19
		Not sure	7	6	6	11	1	1	4	7	3	4
		Total	123	100	54	100	67	100	56	100	67	100
Loans	cloans	Using	56	46	29	54	26	39	24	43	32	48
		Not using	57	46	20	37	36	54	27	48	30	45
		Not sure	10	8	5	9	5	7	5	9	5	7
		Total	123	100	54	100	67	100	56	100	67	100
Grants or scholarships	cgrants	Using	82	67	43	80	38	57	35	63	47	70
		Not using	35	28	9	17	25	37	18	32	17	25
		Not sure	6	5	2	4	4	6	3	5	3	4
		Total	123	100	54	100	67	100	56	100	67	100
Employment on- or off-campus	cjob	Using	28	23	13	25	15	22	12	21	16	24
		Not using	50	41	16	30	33	49	25	45	25	38
		Not sure	44	36	24	45	19	28	19	34	25	38
		Total	122	100	53	100	67	100	56	100	66	100
Personal savings or other sources	cpersonal	Using	79	64	34	63	44	66	40	71	39	58
		Not using	30	24	14	26	15	22	12	21	18	27
		Not sure	14	11	6	11	8	12	4	7	10	15
		Total	123	100	54	100	67	100	56	100	67	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+	2	2	1	2	0	0	1	2	1	2	
	B-	6	5	3	6	3	4	2	4	4	6	
	B	41	34	21	39	20	30	14	25	27	41	
	B+	33	27	14	26	19	28	14	25	19	29	
	A-	24	20	10	19	14	21	11	20	13	20	
	A	16	13	5	9	11	16	14	25	2	3	
	Grades not used	0	0	0	0	0	0	0	0	0	0	
Total	122	100	54	100	67	100	56	100	66	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	3	2	0	0	3	4	3	5	0	0
		Yes	105	86	47	87	57	85	44	79	61	92
		Uncertain	14	11	7	13	7	10	9	16	5	8
		Total	122	100	54	100	67	100	56	100	66	100
25. Do you know what your major will be?												
	cmajor	No	19	16	7	13	12	18	8	14	11	17
		Yes, specify	103	84	47	87	55	82	48	86	55	83
		Total	122	100	54	100	67	100	56	100	66	100
(Recoded variable cmajcode into one of 12 major categories listed at right.)	cmajrcol	Arts & Humanities	6	6	3	6	3	5	2	4	4	7
		Biological Sci., Agriculture, & Natural Resources	62	60	24	51	38	69	31	65	31	56
		Physical Sci., Mathematics, & Computer Science	6	6	3	6	3	5	4	8	2	4
		Social Sciences	6	6	2	4	4	7	1	2	5	9
		Business	4	4	3	6	0	0	1	2	3	5
		Communications, Media, & Public Relations	1	1	0	0	1	2	0	0	1	2
		Education	6	6	5	11	1	2	2	4	4	7
		Engineering	2	2	0	0	2	4	1	2	1	2
		Health Professions	2	2	0	0	2	4	2	4	0	0
		Social Service Professions	6	6	5	11	1	2	2	4	4	7
		All Other	2	2	2	4	0	0	2	4	0	0
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0
		Total	103	100	47	100	55	100	48	100	55	100
26. Are you (or will you be) a full-time student at this institution?												
	cfulltime18	No	0	0	0	0	0	0	0	0	0	0
		Yes	121	100	54	100	67	100	56	100	65	100
		Total	121	100	54	100	67	100	56	100	65	100
27. How many of your close friends will attend this institution during the coming year?												
	cfriends	None	84	70	41	77	43	64	39	70	45	70
		1	17	14	5	9	12	18	5	9	12	19
		2	10	8	6	11	4	6	6	11	4	6
		3	3	3	0	0	3	4	2	4	1	2
		4 or more	6	5	1	2	5	7	4	7	2	3
		Total	120	100	53	100	67	100	56	100	64	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	%	Count	%
28. This institution was your:	cchoice17	First choice	72	60	33	61	39	58	31	55	41	63
		Second choice	36	30	15	28	21	31	18	32	18	28
		Third choice or lower	13	11	6	11	7	10	7	13	6	9
		Total	121	100	54	100	67	100	56	100	65	100
29. What is your gender identity?	cgender	Man	45	37	16	30	29	43	18	32	27	42
		Woman	72	60	36	67	36	54	36	64	36	55
		Another gender identity	2	2	1	2	1	1	1	2	1	2
		I prefer not to respond	2	2	1	2	1	1	1	2	1	2
		Total	121	100	54	100	67	100	56	100	65	100
30. Are you an international student or foreign national?	cinternat	No	115	97	51	98	64	96	51	94	64	98
		Yes	4	3	1	2	3	4	3	6	1	2
		Total	119	100	52	100	67	100	54	100	65	100
31. How would you describe yourself? (Select all that apply)	crace	American Indian or Alaska Native	1	1	1	2	0	0	0	0	1	2
	(Recoded from c_amind to c_pnr where each student is represented only once.)	Asian	1	1	1	2	0	0	1	2	0	0
		Black or African American	1	1	0	0	1	1	1	2	0	0
		Hispanic or Latino	23	19	18	33	5	7	6	11	17	26
		Middle Eastern or North African	0	0	0	0	0	0	0	0	0	0
		Native Hawaiian or Other Pacific Islander	0	0	0	0	0	0	0	0	0	0
		White	66	55	18	33	48	72	36	64	30	46
		Another race or ethnicity	0	0	0	0	0	0	0	0	0	0
		Multiracial	29	24	16	30	13	19	12	21	17	26
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	121	100	54	100	67	100	56	100	65	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	11	9	11	20	0	0	4	7	7	11
		High school diploma or G.E.D.	22	18	22	41	0	0	8	14	14	22
		Attended college, but did not complete degree	10	8	10	19	0	0	5	9	5	8
		Associate's degree (A.A., A.S., etc.)	11	9	11	20	0	0	3	5	8	12
		Bachelor's degree (B.A., B.S., etc.)	32	26	0	0	32	48	17	30	15	23
		Master's degree (M.A., M.S., etc.)	26	21	0	0	26	39	13	23	13	20
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	9	7	0	0	9	13	6	11	3	5
		Total	121	100	54	100	67	100	56	100	65	100
First-generation status (Neither parent holds a bachelor's degree. Recoded from cpardegr18)	bfirstgen	First-generation	54	45	54	100	0	0	20	36	34	52
		Not first-generation	67	55	0	0	67	100	36	64	31	48
		Total	121	100	54	100	67	100	56	100	65	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)	106	88	49	91	57	85	48	86	58	89
		Fraternity or sorority house	0	0	0	0	0	0	0	0	0	0
		House, apartment, or other residence within walking distance to campus	6	5	2	4	4	6	3	5	3	5
		House, apartment, or other residence farther than walk. dist. to campus	8	7	3	6	5	7	4	7	4	6
		Not applicable: No campus, entirely online program, etc.	0	0	0	0	0	0	0	0	0	0
		Not applicable: Homeless or in transition	1	1	0	0	1	1	1	2	0	0
		Total	121	100	54	100	67	100	56	100	65	100

BCSSE 2019

First-Year Student Frequencies and Statistical Comparisons

Humboldt 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 students at your institution. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website (bcse.indiana.edu) or contact a member of the BCSSE team.

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



BCSSE
beginning college survey
of student engagement

Frequencies and Statistical Comparisons

BCSSEville State University

First-Year Students

Item wording by class	Variable name	Values ¹	Response options	All Students		Frequency Distributions		Statistical Comparisons										
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	First-Generation*		Self-Reported HS Grades		First-Generation		Self-Reported HS Grades		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Yes		A- or higher		Yes		A- or higher		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES
Item wording by class	Variable name	Values ¹	Response options	Count	% Admin	Count		Count		Count		Count		Mean	Mean	ES	Mean	ES

- 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

Humboldt 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	
6. During high school, how many of the following types of classes did you complete?																					
a. Advanced Placement (AP) classes	hapcl13num	0	0	28	20		11	20	13	20	16	26	12	15							
	(Recoded version of hapcl13 created by BCSSE. Values are estimated number of AP classes.)	1.5	1-2	51	36		20	37	21	33	16	26	35	44							
		3.5	3-4	36	26		11	20	17	27	15	25	21	26							
		5.5	5-6	18	13	2.6	8	15	9	14	7	11	11	14	2.7	2.7	-.01	2.8	2.4	.17	
		7.5	7-8	6	4		3	6	3	5	5	8	1	1							
		9.5	9-10	2	1		1	2	1	2	2	3	0	0							
		11.5	11 or more	0	0		0	0	0	0	0	0	0	0							
	Total		141	100		54	100	64	100	61	100	80	100								
	b. College or university courses for credit	hdc17num	0	0	84	61		32	62	36	58	36	60	48	62						
(Recoded version of hdc17 created by BCSSE. Values are estimated number of dual credit classes.)		1.5	1-2	29	21		11	21	13	21	11	18	18	23							
		3.5	3-4	11	8		2	4	7	11	5	8	6	8							
		5.5	5-6	5	4	1.4	4	8	1	2	3	5	2	3	1.4	1.6	-.06	1.7	1.1	.21	
		7.5	7-8	2	1		1	2	1	2	1	2	1	1							
		9.5	9-10	3	2		1	2	2	3	2	3	1	1							
		11.5	11 or more	3	2		1	2	2	3	2	3	1	1							
Total			137	100		52	100	62	100	60	100	77	100								
c. International Baccalaureate (IB)	hib17num	0	0	119	86		49	96	50	76	48	79	71	92							
	(Recoded version of hib17 created by BCSSE. Values are estimated number of international baccalaureate classes.)	1.5	1-2	5	4		0	0	5	8	4	7	1	1							
		3.5	3-4	4	3		0	0	3	5	2	3	2	3							
		5.5	5-6	3	2	0.7	0	0	3	5	1	2	2	3	.3	1.2 *	-.43	1.1	.4	.33	
		7.5	7-8	4	3		2	4	2	3	4	7	0	0							
		9.5	9-10	1	1		0	0	1	2	1	2	0	0							
		11.5	11 or more	2	1		0	0	2	3	1	2	1	1							
	Total		138	100		51	100	66	100	61	100	77	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	14	10		4	7	6	9	6	10	8	10							
	(Recoded version of hWRshrt created by BCSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	32	22		14	26	13	19	13	21	19	23							
		4	3-5	46	32		18	33	20	30	19	31	27	33							
		8	6-10	22	15	6.5	7	13	14	21	10	16	12	15	6.7	7.1	-.05	7.0	6.2	.12	
		13	11-15	10	7		2	4	4	6	4	6	6	7							
		18	16-20	8	6		4	7	4	6	5	8	3	4							
		23	More than 20	11	8		5	9	6	9	5	8	6	7							
Total		143	100		54	100	67	100	62	100	81	100									

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

Frequencies and Statistical Comparisons

Humboldt 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	%	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	56	40	18	35	26	39	23	38	33	42						
		1.5	1-2	55	39	25	48	24	36	20	33	35	44						
	(Recoded version of hWRmd created by BCSSE. Values are estimated number of papers, reports, etc.)	4	3-5	21	15	6	12	11	17	13	21	8	10						
		8	6-10	6	4	2	4	4	6	4	7	2	3	1.7	2.0	-.10	2.1	1.6	.19
		13	11-15	1	1	1	2	0	0	1	2	0	0						
		18	16-20	0	0	0	0	0	0	0	0	0	0						
		23	More than 20	1	1	0	0	1	2	0	0	1	1						
		Total		140	100	52	100	66	100	61	100	79	100						
c. 11 pages or more	hwrlngnum	0	None	97	69	36	68	44	66	38	61	59	75						
		1.5	1-2	39	28	15	28	20	30	21	34	18	23						
	(Recoded version of hWRlng created by BCSSE. Values are estimated number of papers, reports, etc.)	4	3-5	3	2	1	2	2	3	2	3	1	1						
		8	6-10	2	1	1	2	1	1	1	2	1	1	.7	.7	-.03	.8	.5	.22
		13	11-15	0	0	0	0	0	0	0	0	0	0						
		18	16-20	0	0	0	0	0	0	0	0	0	0						
		23	More than 20	0	0	0	0	0	0	0	0	0	0						
		Total		141	100	53	100	67	100	62	100	79	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	5	4	1	2	3	4	4	7	1	1						
		3	1-5	55	39	16	31	27	40	20	33	35	44						
	(Recoded version of hacadpr13 created by BCSSE. Values are estimated number of hours)	8	6-10	50	35	22	42	20	30	22	36	28	35						
		13	11-15	16	11	5	10	10	15	9	15	7	9						
		18	16-20	10	7	5	10	5	7	4	7	6	8	8.9	7.7	.19	7.7	7.8	-.01
		23	21-25	2	1	1	2	1	1	2	3	0	0						
		28	26-30	1	1	1	2	0	0	0	0	1	1						
		33	More than 30	2	1	1	2	1	1	0	0	2	3						
		Total		141	100	52	100	67	100	61	100	80	100						
b. Working for pay	hworkhrs	0	0	67	47	24	45	35	52	28	45	39	49						
		3	1-5	19	13	6	11	9	13	9	15	10	13						
	(Recoded version of hworkhrs created by BCSSE. Values are estimated number of hours)	8	6-10	17	12	6	11	8	12	9	15	8	10						
		13	11-15	13	9	6	11	6	9	6	10	7	9						
		18	16-20	12	8	5	9	4	6	5	8	7	9	7.5	5.8	.19	6.6	6.8	-.02
		23	21-25	7	5	3	6	1	1	2	3	5	6						
		28	26-30	3	2	1	2	2	3	0	0	3	4						
		33	More than 30	4	3	2	4	2	3	3	5	1	1						
		Total		142	100	53	100	67	100	62	100	80	100						

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

Frequencies and Statistical Comparisons

Humboldt 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	21	15	7	13	13	20	9	15	12	15	10.8	9.5	.14	10.5	11.5	-.11		
		3	1-5	31	22	12	23	16	24	13	21	18	23								
		8	6-10	24	17	12	23	9	14	13	21	11	14								
		13	11-15	26	18	9	17	14	21	11	18	15	19								
		18	16-20	17	12	4	8	8	12	8	13	9	11								
		23	21-25	8	6	4	8	1	2	4	6	4	5								
		28	26-30	4	3	1	2	1	2	1	2	3	4								
		33	More than 30	10	7	4	8	4	6	3	5	7	9								
		Total	141	100	53	100	66	100	62	100	79	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	1	1	0	0	0	0	1	2	0	0	11.3	12.8	-.18	12.2	12.0	.03		
		3	1-5	29	20	17	32	8	12	11	18	18	23								
		8	6-10	43	30	15	28	21	31	18	29	25	31								
		13	11-15	29	20	8	15	19	28	16	26	13	16								
		18	16-20	19	13	4	8	10	15	6	10	13	16								
		23	21-25	12	8	4	8	6	9	6	10	6	8								
		28	26-30	1	1	1	2	0	0	1	2	0	0								
		33	More than 30	8	6	4	8	3	4	3	5	5	6								
		Total	142	100	53	100	67	100	62	100	80	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	32	23	10	19	17	26	13	21	19	24	2.4	2.3	.12	2.4	2.2	.30		
		2	Some	54	39	21	40	24	36	20	33	34	43								
		3	About half	39	28	15	28	17	26	18	30	21	27								
		4	Most	13	9	6	11	7	11	8	13	5	6								
		5	Almost all	2	1	1	2	1	2	2	3	0	0								
		Total	140	100	53	100	66	100	61	100	79	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	41	29	18	33	18	27	27	44	14	18	1.8	1.9	-.09	1.7	2.0 *	-.41		
		2	Sometimes	80	56	28	52	40	60	28	45	52	65								
		3	Often	16	11	7	13	7	10	4	6	12	15								
		4	Very often	5	4	1	2	2	3	3	5	2	3								
		Total	142	100	54	100	67	100	62	100	80	100									

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

Frequencies and Statistical Comparisons

Humboldt 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	%	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	29	20			7	13	13	19	11	18						
		2	Sometimes	56	39			25	46	25	37	21	34						
		3	Often	42	30	2.3		14	26	24	36	24	39	2.4	2.3	.13	2.4	2.2	.20
		4	Very often	15	11			8	15	5	7	6	10						
		Total		142	100			54	100	67	100	62	100						
c. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	hQRconclud	1	Never	10	7			5	9	4	6	3	5						
		2	Sometimes	45	32			19	35	19	28	16	26						
		3	Often	65	46	2.7		25	46	31	46	29	47	2.6	2.8	-.29	2.9	2.5 *	.41
		4	Very often	21	15			5	9	13	19	14	23						
		Total		141	100			54	100	67	100	62	100						
d. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	hQRproblm	1	Never	16	11			7	13	8	12	4	6						
		2	Sometimes	60	42			22	41	27	40	33	53						
		3	Often	48	34	2.5		18	33	23	34	14	23	2.5	2.5	-.03	2.5	2.5	.08
		4	Very often	18	13			7	13	9	13	11	18						
		Total		142	100			54	100	67	100	62	100						
e. Evaluated what others have concluded from numerical information	hQRrevaluat	1	Never	20	14			8	15	9	14	5	8						
		2	Sometimes	59	42			25	46	24	36	29	48						
		3	Often	50	35	2.4		16	30	28	42	20	33	2.3	2.4	-.13	2.5	2.3	.20
		4	Very often	12	9			5	9	5	8	7	11						
		Total		141	100			54	100	66	100	61	100						
f. Identified key information from reading assignments	hLSreading	1	Never	4	3			1	2	1	2	1	2						
		2	Sometimes	28	20			11	20	12	18	11	18						
		3	Often	59	42	3.1		21	39	27	41	22	36	3.1	3.2	-.04	3.2	3.0	.28
		4	Very often	50	35			21	39	26	39	27	44						
		Total		141	100			54	100	66	100	61	100						
g. Reviewed your notes after class	hLSnotes	1	Never	13	9			4	7	8	12	5	8						
		2	Sometimes	61	44			24	44	27	42	27	44						
		3	Often	42	30	2.6		16	30	19	29	16	26	2.6	2.5	.09	2.6	2.5	.11
		4	Very often	24	17			10	19	11	17	13	21						
		Total		140	100			54	100	65	100	61	100						

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

Frequencies and Statistical Comparisons

Humboldt 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	12	9	2.6	3	6	3	5	6	10	6	8	2.6	2.7	.00	2.7	2.5	.15
		2	Sometimes	56	40		22	41	27	41	21	34	35	44						
		3	Often	52	37		20	37	26	39	22	36	30	38						
		4	Very often	21	15		9	17	10	15	12	20	9	11						
		Total	141	100	54		100	66	100	61	100	80	100							
i Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	hridivers	1	Never	12	9	2.7	8	15	3	5	4	7	8	10	2.6	2.8	-.21	2.7	2.7	.01
		2	Sometimes	54	38		21	39	23	35	27	44	27	34						
		3	Often	44	31		11	20	26	39	15	25	29	36						
		4	Very often	31	22		14	26	14	21	15	25	16	20						
		Total	141	100	54		100	66	100	61	100	80	100							
j Examined the strengths and weaknesses of your own views on a topic or issue	hriownview	1	Never	5	4	2.8	1	2	1	2	2	3	3	4	2.9	2.9	-.01	2.8	2.9	-.05
		2	Sometimes	41	29		16	30	20	30	20	33	21	26						
		3	Often	66	47		25	46	30	45	26	43	40	50						
		4	Very often	29	21		12	22	15	23	13	21	16	20						
		Total	141	100	54		100	66	100	61	100	80	100							
k Tried to better understand someone else's views by imagining how an issue looks from their perspective	hriperspct	1	Never	2	1	3.0	0	0	1	2	0	0	2	3	3.1	2.9	.31	2.8	3.1 **	-.45
		2	Sometimes	35	25		12	22	19	29	21	34	14	18						
		3	Often	65	46		22	41	31	47	31	51	34	43						
		4	Very often	38	27		20	37	15	23	9	15	29	37						
		Total	140	100	54		100	66	100	61	100	79	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.)	hinvarts	1	Not at all	32	23	2.9	11	20	17	26	16	26	16	21	2.9	2.9	-.01	3.0	2.9	.05
		2	Very little	30	21		12	22	14	21	13	21	17	22						
		3	Some	26	19		13	24	9	14	7	11	19	24						
		4	Quite a bit	20	14		8	15	10	15	9	15	11	14						
		5	Very much	32	23		10	19	16	24	17	27	15	19						
		Total	140	100	54		100	66	100	62	100	78	100							
b. Athletic teams (varsity, JV, club sport, etc.)	hinvathl	1	Not at all	42	30	3.1	17	31	24	36	22	35	20	26	2.9	3.0	-.02	3.0	3.2	-.11
		2	Very little	10	7		7	13	1	2	5	8	5	6						
		3	Some	18	13		5	9	11	17	6	10	12	15						
		4	Quite a bit	32	23		12	22	13	20	9	15	23	29						
		5	Very much	38	27		13	24	17	26	20	32	18	23						
		Total	140	100	54		100	66	100	62	100	78	100							

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

Frequencies and Statistical Comparisons

Humboldt 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				
c. Student government	hstugov	1	Not at all	92	65		33	61	48	72	43	69	49	62									
		2	Very little	21	15		9	17	9	13	8	13	13	16									
		3	Some	16	11	1.7	7	13	8	12	6	10	10	13	1.7	1.5	.26	1.6	1.7	-.12			
		4	Quite a bit	6	4		3	6	1	1	3	5	3	4									
		5	Very much	6	4		2	4	1	1	2	3	4	5									
		Total	141	100		54	100	67	100	62	100	79	100										
d. Publications (student newspaper, yearbook, etc.)	hinvpubs	1	Not at all	96	68		37	69	48	72	43	69	53	67									
		2	Very little	18	13		10	19	6	9	5	8	13	16									
		3	Some	11	8	1.7	6	11	5	7	7	11	4	5	1.5	1.6	-.18	1.7	1.6	.05			
		4	Quite a bit	9	6		1	2	5	7	3	5	6	8									
		5	Very much	7	5		0	0	3	4	4	6	3	4									
		Total	141	100		54	100	67	100	62	100	79	100										
e. Academic clubs or honor societies	hinvhon13	1	Not at all	61	43		18	33	34	51	33	53	28	35									
		2	Very little	22	16		8	15	11	16	6	10	16	20									
		3	Some	31	22	2.3	21	39	7	10	8	13	23	29	2.4	2.1	.26	2.2	2.3	-.08			
		4	Quite a bit	15	11		1	2	12	18	8	13	7	9									
		5	Very much	12	9		6	11	3	4	7	11	5	6									
		Total	141	100		54	100	67	100	62	100	79	100										
f. Vocational clubs (business, health, technology, etc.)	hinvvocl	1	Not at all	101	72		37	69	49	73	43	69	58	73									
		2	Very little	16	11		7	13	8	12	8	13	8	10									
		3	Some	13	9	1.6	4	7	6	9	6	10	7	9	1.7	1.5	.14	1.6	1.6	.06			
		4	Quite a bit	3	2		2	4	1	1	1	2	2	3									
		5	Very much	8	6		4	7	3	4	4	6	4	5									
		Total	141	100		54	100	67	100	62	100	79	100										
g. Religious youth groups	hrelgrp	1	Not at all	110	78		44	81	50	75	48	77	62	78									
		2	Very little	6	4		3	6	3	4	2	3	4	5									
		3	Some	9	6	1.6	2	4	5	7	2	3	7	9	1.4	1.7	-.19	1.7	1.5	.15			
		4	Quite a bit	7	5		3	6	4	6	4	6	3	4									
		5	Very much	9	6		2	4	5	7	6	10	3	4									
		Total	141	100		54	100	67	100	62	100	79	100										

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

Frequencies and Statistical Comparisons

Humboldt 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				
h. Community service or volunteer work	hvolntr	1	Not at all	17	12		5	9	9	14	4	7	13	16									
		2	Very little	14	10		4	7	7	11	6	10	8	10									
		3	Some	37	26	3.4	16	30	15	23	17	28	20	25	3.6	3.4	.13	3.6	3.3	.27			
		4	Quite a bit	36	26		13	24	18	27	16	26	20	25									
		5	Very much	36	26		16	30	17	26	18	30	18	23									
		Total	140	100		54	100	66	100	61	100	79	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	5	4		1	2	2	3	5	8	0	0									
		2		7	5		0	0	6	9	2	3	5	6									
		3		14	10		5	9	7	10	5	8	9	11									
		4		39	28	4.5	19	35	14	21	16	26	23	29	4.7	4.5	.13	4.4	4.6	-.15			
		5		43	30		18	33	20	30	19	31	24	30									
		6		23	16		5	9	14	21	14	23	9	11									
		7	Very much	10	7		6	11	4	6	1	2	9	11									
		Total		141	100		54	100	67	100	62	100	79	100									
13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing the following?																							
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	cacadpr13hrs (Recoded version of cacadpr13 created by BCSSE. Values are estimated number of hours)	0	0	0	0		0	0	0	0	0	0	0										
		3	1-5	13	10		4	8	6	9	4	7	9	13									
		8	6-10	34	26		13	25	19	28	9	16	25	35									
		13	11-15	32	25		12	23	19	28	20	34	12	17									
		18	16-20	30	23	13.6	14	26	14	21	17	29	13	18	14.4	13.3	.17	14.6	12.8	.27			
		23	21-25	16	12		9	17	6	9	6	10	10	14									
		28	26-30	3	2		0	0	3	4	2	3	1	1									
		33	More than 30	1	1		1	2	0	0	0	0	1	1									
		Total	129	100		53	100	67	100	58	100	71	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	51	40		17	32	32	48	23	40	28	40									
		3	1-5	15	12		3	6	8	12	9	16	6	9									
		8	6-10	14	11		7	13	7	11	7	12	7	10									
		13	11-15	19	15		12	23	7	11	11	19	8	11									
		18	16-20	22	17	7.7	11	21	10	15	6	10	16	23	9.4	6.2 *	.40	6.6	8.7	-.26			
		23	21-25	4	3		2	4	1	2	2	3	2	3									
		28	26-30	1	1		0	0	0	0	0	0	1	1									
		33	More than 30	2	2		1	2	1	2	0	0	2	3									
		Total	128	100		53	100	66	100	58	100	70	100										

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

Frequencies and Statistical Comparisons

Humboldt 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, 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	15	12	11	21	3	4	8	14	7	10	7.5	8.1	-.09	8.2	8.3	-.02			
		3	1-5	40	31	13	25	27	40	16	28	24	35									
		8	6-10	34	27	15	29	18	27	15	26	19	28									
		13	11-15	20	16	5	10	13	19	12	21	8	12									
		18	16-20	10	8	6	12	2	3	5	9	5	7									
		23	21-25	3	2	1	2	1	1	0	0	3	4									
		28	26-30	3	2	0	0	2	3	1	2	2	3									
		33	More than 30	2	2	1	2	1	1	1	2	1	1									
		Total	127	100	52	100	67	100	58	100	69	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	1	1	0	0	1	1	0	0	1	1	8.9	10.9	-.31	10.5	10.1	.05			
		3	1-5	31	24	19	35	11	16	17	29	14	20									
		8	6-10	41	32	20	37	20	30	16	28	25	35									
		13	11-15	37	29	8	15	26	39	15	26	22	31									
		18	16-20	10	8	4	7	5	7	5	9	5	7									
		23	21-25	5	4	1	2	2	3	2	3	3	4									
		28	26-30	0	0	0	0	0	0	0	0	0	0									
		33	More than 30	4	3	2	4	2	3	3	5	1	1									
		Total	129	100	54	100	67	100	58	100	71	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	3	2	1	2	2	3	0	0	3	4	3.1	2.9	.30	3.0	3.0	-.07				
	2	Some	41	32	17	31	23	34	19	33	22	31										
	3	About half	42	33	14	26	26	39	22	39	20	29										
	4	Most	35	28	18	33	15	22	15	26	20	29										
	5	Almost all	6	5	4	7	1	1	1	2	5	7										
	Total	127	100	54	100	67	100	57	100	70	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	0	0	0	0	0	0	0	0	0	2.7	2.8	-.11	2.7	2.8	-.18				
		2	Sometimes	54	43	25	46	25	37	25	45	29							41			
		3	Often	49	39	19	35	30	45	24	43	25							36			
		4	Very often	23	18	10	19	12	18	7	13	16							23			
		Total	126	100	54	100	67	100	56	100	70	100										

Frequencies and Statistical Comparisons

Humboldt 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	%	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES	
						Count	%	Count	%	Count	%	Count	%							
b. Explain course material to one or more students	cCLxplain	1	Never	2	2	0	0	2	3	1	2	1	1							
		2	Sometimes	57	45	27	50	27	40	24	43	33	47							
		3	Often	53	42	21	39	30	45	25	45	28	40	2.6	2.7	-.06	2.6	2.6	.04	
		4	Very often	14	11	6	11	8	12	6	11	8	11							
		Total	126	100	54	100	67	100	56	100	70	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	38	30	19	35	16	24	17	30	21	30							
		3	Often	65	52	24	44	39	58	31	55	34	49	2.9	2.9	-.13	2.8	2.9	-.11	
		4	Very often	23	18	11	20	12	18	8	14	15	21							
		Total	126	100	54	100	67	100	56	100	70	100								
d. Work with other students on course projects or assignments	cCLproject	1	Never	1	1	0	0	1	1	0	0	1	1							
		2	Sometimes	39	31	18	33	19	28	16	29	23	33							
		3	Often	61	48	24	44	35	52	31	55	30	43	2.9	2.9	.03	2.9	2.9	.00	
		4	Very often	25	20	12	22	12	18	9	16	16	23							
		Total	126	100	54	100	67	100	56	100	70	100								
e. Talk about career plans with a faculty member	cSFcareer	1	Never	1	1	0	0	1	1	1	2	0	0							
		2	Sometimes	63	50	23	43	38	57	32	57	31	44							
		3	Often	48	38	24	44	23	34	18	32	30	43	2.7	2.5	.33	2.5	2.7	-.30	
		4	Very often	14	11	7	13	5	7	5	9	9	13							
		Total	126	100	54	100	67	100	56	100	70	100								
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	cSFothrwrk	1	Never	19	15	7	13	10	15	8	14	11	16							
		2	Sometimes	56	44	19	35	37	55	30	54	26	37							
		3	Often	42	33	22	41	17	25	16	29	26	37	2.5	2.2 *	.38	2.2	2.4	-.25	
		4	Very often	9	7	6	11	3	4	2	4	7	10							
		Total	126	100	54	100	67	100	56	100	70	100								
g. Discuss your academic performance with a faculty member	cSFprform	1	Never	9	7	4	8	5	7	6	11	3	4							
		2	Sometimes	55	44	20	38	33	49	25	45	30	43							
		3	Often	48	38	22	42	24	36	22	39	26	38	2.6	2.4	.22	2.4	2.6	-.30	
		4	Very often	13	10	7	13	5	7	3	5	10	14							
		Total	125	100	53	100	67	100	56	100	69	100								
h. Discuss course topics, ideas, or concepts with a faculty member outside of class	cSFdiscuss	1	Never	5	4	3	6	2	3	1	2	4	6							
		2	Sometimes	64	51	25	47	38	57	28	50	36	52							
		3	Often	50	40	20	38	26	39	26	46	24	35	2.5	2.4	.18	2.5	2.4	.07	
		4	Very often	6	5	5	9	1	1	1	2	5	7							
		Total	125	100	53	100	67	100	56	100	69	100								

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

Frequencies and Statistical Comparisons

Humboldt 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	%							
i Prepare two or more drafts of a paper or assignment before turning it in	cdrafting	1	Never	5	4	2.7	2	4	3	4	2	4	3	4	2.9	2.6	.34	2.9	2.6 *	.36	
		2	Sometimes	46	37		16	30	27	40	14	25	32	47							
		3	Often	50	40		20	38	29	43	28	50	22	32							
		4	Very often	23	19		15	28	8	12	12	21	11	16							
		Total	124	100	53		100	67	100	56	100	68	100								
j Come to class without completing readings or assignments	cunprepard	1	Never	70	56	1.6	30	57	38	57	36	64	34	49	1.6	1.5	.11	1.4	1.7	-.33	
		2	Sometimes	44	35		18	34	23	34	17	30	27	39							
		3	Often	7	6		1	2	6	9	2	4	5	7							
		4	Very often	4	3		4	8	0	0	1	2	3	4							
		Total	125	100	53		100	67	100	56	100	69	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	2	2	3.3	2	4	0	0	1	2	1	1	3.2	3.4	-.32	3.4	3.3	.20	
		2	Sometimes	16	13		8	15	8	12	5	9	11	16							
		3	Often	46	37		21	40	22	33	20	36	26	38							
		4	Very often	61	49		22	42	37	55	30	54	31	45							
		Total	125	100	53		100	67	100	56	100	69	100								
b. People from an economic background other than your own	cDVeconome	1	Never	0	0	3.3	0	0	0	0	0	0	0	0	3.2	3.4	-.27	3.4	3.2	.18	
		2	Sometimes	20	16		11	21	9	13	7	13	13	19							
		3	Often	47	38		21	40	23	34	21	38	26	38							
		4	Very often	58	46		21	40	35	52	28	50	30	43							
		Total	125	100	53		100	67	100	56	100	69	100								
c. People with religious beliefs other than your own	cDVreligion	1	Never	1	1	3.2	0	0	1	1	1	2	0	0	3.1	3.3	-.32	3.3	3.2	.21	
		2	Sometimes	24	19		12	23	11	16	8	14	16	23							
		3	Often	45	36		24	45	19	28	19	34	26	38							
		4	Very often	55	44		17	32	36	54	28	50	27	39							
		Total	125	100	53		100	67	100	56	100	69	100								
d. People with political views other than your own	cDVpolitical	1	Never	2	2	2.9	0	0	2	3	2	4	0	0	2.9	2.9	.00	2.9	3.0	-.13	
		2	Sometimes	41	33		18	33	22	33	17	30	24	34							
		3	Often	46	37		22	41	22	33	23	41	23	33							
		4	Very often	37	29		14	26	21	31	14	25	23	33							
		Total	126	100	54		100	67	100	56	100	70	100								

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

Frequencies and Statistical Comparisons

Humboldt 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	3	2		0	0	3	4	1	2	2	3							
		2		11	9		4	7	6	9	3	5	8	11							
		3		22	17		6	11	15	22	10	18	12	17							
		4		41	33	4.1	20	37	20	30	18	32	23	33	4.3	3.9 *	.37	4.2	4.0	.14	
		5		34	27		16	30	17	25	19	34	15	21							
		6	Very certain	15	12		8	15	6	9	5	9	10	14							
		Total		126	100		54	100	67	100	56	100	70	100							
b. Find additional information for course assignments when you don't understand the material	cfindinfo	1	Not at all certain	2	2		0	0	2	3	0	0	2	3							
		2		3	2		1	2	1	2	1	2	2	3							
		3		12	10		5	9	7	11	6	11	6	9							
		4		37	30	4.6	14	26	21	32	13	24	24	34	4.7	4.5	.19	4.7	4.5	.21	
		5		43	34		22	41	21	32	22	40	21	30							
		6	Very certain	28	22		12	22	14	21	13	24	15	21							
		Total		125	100		54	100	66	100	55	100	70	100							
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	1	Not at all certain	3	2		1	2	2	3	1	2	2	3							
		2		4	3		1	2	3	5	1	2	3	4							
		3		30	24		11	20	17	26	11	20	19	27							
		4		48	38	4.0	24	44	23	35	21	38	27	39	4.1	4.0	.18	4.2	3.9	.28	
		5		27	22		10	19	16	24	14	25	13	19							
		6	Very certain	13	10		7	13	5	8	7	13	6	9							
		Total		125	100		54	100	66	100	55	100	70	100							
d. Ask instructors for help when you struggle with course assignments	caskinst	1	Not at all certain	1	1		0	0	1	2	0	0	1	1							
		2		2	2		0	0	2	3	1	2	1	1							
		3		21	17		7	13	14	22	8	15	13	19							
		4		35	28	4.6	18	33	15	23	19	35	16	23	4.7	4.4	.25	4.6	4.6	.01	
		5		33	27		13	24	18	28	13	24	20	29							
		6	Very certain	32	26		16	30	15	23	14	25	18	26							
		Total		124	100		54	100	65	100	55	100	69	100							

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

Frequencies and Statistical Comparisons

Humboldt 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	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	0							
		2		0	0		0	0	0	0	0	0	0								
		3		13	10		6	11	5	8	5	9	8	11							
		4		40	32	4.7	14	26	26	39	18	33	22	31	4.7	4.7	.06	4.7	4.6		.09
		5		46	37		23	43	21	32	19	35	27	39							
		6	Very certain	26	21		11	20	14	21	13	24	13	19							
		Total	125	100		54	100	66	100	55	100	70	100								
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	1	Not at all certain	4	3		2	4	1	2	1	2	3	4							
		2		10	8		3	6	7	11	5	9	5	7							
		3		23	18		10	19	11	17	9	16	14	20							
		4		39	31	4.1	18	33	21	32	16	29	23	33	4.2	4.1	.07	4.1	4.1		.02
		5		29	23		10	19	18	27	19	35	10	14							
		6	Very certain	20	16		11	20	8	12	5	9	15	21							
		Total	125	100		54	100	66	100	55	100	70	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	1	1		0	0	1	2	1	2	0	0							
		2		12	10		4	7	7	11	8	15	4	6							
		3		25	20		11	20	14	21	11	20	14	20							
		4		48	38	4.0	22	41	24	36	17	31	31	44	4.1	3.9	.15	3.9	4.1		-.18
		5		28	22		12	22	16	24	13	24	15	21							
		6	Very difficult	11	9		5	9	4	6	5	9	6	9							
		Total	125	100		54	100	66	100	55	100	70	100								
b. Managing your time	cmantime	1	Not at all difficult	1	1		1	2	0	0	1	2	0	0							
		2		12	10		4	7	8	12	6	11	6	9							
		3		21	17		6	11	13	20	10	18	11	16							
		4		39	31	4.2	16	30	22	33	18	33	21	30	4.4	4.0	.30	4.0	4.3		-.21
		5		36	29		18	33	17	26	14	25	22	31							
		6	Very difficult	16	13		9	17	6	9	6	11	10	14							
		Total	125	100		54	100	66	100	55	100	70	100								

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

Frequencies and Statistical Comparisons

Humboldt 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	%	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	12	10	4	7	8	12	4	7	8	11	4.3	3.5 **	.56	3.7	4.0	-.15	
		2	15	12	2	4	12	18	9	16	6	9								
		3	20	16	6	11	13	20	10	18	10	14								
		4	31	25	15	28	15	23	16	29	15	21								
		5	24	19	14	26	9	14	6	11	18	26								
		6	Very difficult	23	18	13	24	9	14	10	18	13	19							
		Total	125	100	54	100	66	100	55	100	70	100								
d. Getting help with school work	cgethelp	1	Not at all difficult	12	10	5	9	4	6	5	9	7	10	3.1	3.0	.09	2.9	3.0	-.05	
		2	28	22	14	26	14	21	13	24	15	21								
		3	49	39	14	26	34	52	23	42	26	37								
		4	26	21	16	30	9	14	9	16	17	24								
		5	9	7	4	7	5	8	5	9	4	6								
		6	Very difficult	1	1	1	2	0	0	0	0	1	1							
		Total	125	100	54	100	66	100	55	100	70	100								
e. Making new friends	cmakefr	1	Not at all difficult	16	13	5	9	9	14	8	15	8	11	3.4	3.2	.09	3.2	3.3	-.08	
		2	23	18	10	19	13	20	10	18	13	19								
		3	32	26	13	24	18	27	16	29	16	23								
		4	28	22	16	30	11	17	8	15	20	29								
		5	16	13	6	11	9	14	9	16	7	10								
		6	Very difficult	10	8	4	7	6	9	4	7	6	9							
		Total	125	100	54	100	66	100	55	100	70	100								
f. Interacting with faculty	cintfac	1	Not at all difficult	17	14	6	11	9	14	9	16	8	11	3.1	2.8	.22	2.8	3.0	-.20	
		2	31	25	13	24	16	24	14	25	17	24								
		3	36	29	10	19	25	38	15	27	21	30								
		4	29	23	19	35	10	15	14	25	15	21								
		5	10	8	6	11	4	6	3	5	7	10								
		6	Very difficult	2	2	0	0	2	3	0	0	2	3							
		Total	125	100	54	100	66	100	55	100	70	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	2	2	1	2	1	1	0	0	2	3	2.6	2.5	.05	2.6	2.5	.15	
		2	Sometimes	63	50	27	50	35	52	27	48	36	52							
		3	Often	47	38	20	37	25	37	23	41	24	35							
		4	Very often	13	10	6	11	6	9	6	11	7	10							
		Total	125	100	54	100	67	100	56	100	69	100								

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

Frequencies and Statistical Comparisons

Humboldt 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	5	4		1	2	3	4	1	2	4	6								
		2	Sometimes	71	57		29	55	42	63	35	63	36	53								
		3	Often	34	27	2.5	15	28	18	27	16	29	18	26	2.6	2.3	.31	2.4	2.5	-.12		
		4	Very often	14	11		8	15	4	6	4	7	10	15								
		Total	124	100		53	100	67	100	56	100	68	100									
c. Learning support services (tutoring, writing center, success coaching, etc.)	cseekls	1	Never	10	8		3	6	6	9	7	13	3	4								
		2	Sometimes	43	35		16	30	26	39	17	31	26	38								
		3	Often	58	47	2.6	28	52	28	42	28	51	30	43	2.7	2.5	.27	2.5	2.7	-.24		
		4	Very often	13	10		7	13	6	9	3	5	10	14								
		Total	124	100		54	100	66	100	55	100	69	100									
d. Friends or other students	cseekfrnd	1	Never	0	0		0	0	0	0	0	0	0	0								
		2	Sometimes	29	23		16	30	12	18	12	21	17	25								
		3	Often	66	53	3.0	26	48	39	58	31	55	35	51	2.9	3.1	-.19	3.0	3.0	.03		
		4	Very often	30	24		12	22	16	24	13	23	17	25								
		Total	125	100		54	100	67	100	56	100	69	100									
e. Family members	cseekfam	1	Never	35	28		15	28	18	27	16	29	19	28								
		2	Sometimes	57	46		30	56	26	39	23	41	34	49								
		3	Often	29	23	2.0	7	13	21	31	15	27	14	20	1.9	2.1	-.22	2.1	2.0	.08		
		4	Very often	4	3		2	4	2	3	2	4	2	3								
		Total	125	100		54	100	67	100	56	100	69	100									
f. Other persons or offices	cseekoth	1	Never	21	17		7	13	13	19	9	16	12	17								
		2	Sometimes	83	66		41	76	39	58	39	70	44	64								
		3	Often	19	15	2.0	5	9	14	21	8	14	11	16	2.0	2.0	-.07	2.0	2.0	-.10		
		4	Very often	2	2		1	2	1	1	0	0	2	3								
		Total	125	100		54	100	67	100	56	100	69	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	1	1		1	2	0	0	0	0	1	1								
		2		4	3		2	4	2	3	3	5	1	1								
		3		18	15		8	15	9	14	4	7	14	21								
		4		40	33	4.4	19	35	19	29	16	29	24	35	4.3	4.6	-.22	4.6	4.3	.22		
		5		36	29		15	28	21	32	22	40	14	21								
		6	Very prepared	24	20		9	17	15	23	10	18	14	21								
		Total	123	100		54	100	66	100	55	100	68	100									

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

Frequencies and Statistical Comparisons

Humboldt 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	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean		
b. Speak clearly and effectively	cSGspeak	1	Not at all prepared	1	1	1	2	0	0	1	2	0	0	4.3	4.5	-.17	4.5	4.4	.10	
		2		7	6	4	7	2	3	2	4	5	7							
		3		16	13	5	9	10	15	6	11	10	15							
		4		37	30	18	33	18	28	14	26	23	34							
		5		40	33	18	33	22	34	24	44	16	24							
		6	Very prepared	21	17	8	15	13	20	7	13	14	21							
		Total	122	100	54	100	65	100	54	100	68	100								
c. Think critically and analytically	cSGthink	1	Not at all prepared	1	1	0	0	1	2	1	2	0	0	4.5	4.7	-.18	4.8	4.5	.23	
		2		2	2	2	4	0	0	1	2	1	1							
		3		14	11	7	13	6	9	4	7	10	15							
		4		34	28	16	30	18	27	12	22	22	33							
		5		42	34	16	30	24	36	22	40	20	30							
		6	Very prepared	29	24	12	23	17	26	15	27	14	21							
		Total	122	100	53	100	66	100	55	100	67	100								
d. Analyze numerical and statistical information	cSGanalyze	1	Not at all prepared	5	4	2	4	3	5	2	4	3	4	3.9	4.1	-.18	4.3	3.7 *	.44	
		2		9	7	4	7	5	8	4	7	5	7							
		3		26	21	13	24	12	18	8	15	18	26							
		4		40	33	19	35	20	30	13	24	27	40							
		5		30	24	13	24	16	24	19	35	11	16							
		6	Very prepared	13	11	3	6	10	15	9	16	4	6							
		Total	123	100	54	100	66	100	55	100	68	100								
e. Work effectively with others	cSGothers	1	Not at all prepared	0	0	0	0	0	0	0	0	0	0	4.6	4.8	-.24	4.7	4.7	-.08	
		2		2	2	1	2	1	2	1	2	1	1							
		3		14	11	6	11	6	9	4	7	10	15							
		4		35	28	18	33	17	26	18	33	17	25							
		5		40	33	18	33	21	32	22	40	18	26							
		6	Very prepared	32	26	11	20	21	32	10	18	22	32							
		Total	123	100	54	100	66	100	55	100	68	100								
f. Use computing and information technology	cgncompt13	1	Not at all prepared	1	1	0	0	1	2	1	2	0	0	4.2	4.3	-.06	4.3	4.2	.06	
		2		7	6	5	9	2	3	3	5	4	6							
		3		20	16	8	15	10	15	5	9	15	22							
		4		44	36	18	33	25	38	22	40	22	32							
		5		38	31	17	31	21	32	20	36	18	26							
		6	Very prepared	13	11	6	11	7	11	4	7	9	13							
		Total	123	100	54	100	66	100	55	100	68	100								

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

Frequencies and Statistical Comparisons

Humboldt 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
g. Learn effectively on your own	cgningq	1	Not at all prepared	1	1		0	0	1	2	1	2									
		2		0	0		0	0	0	0	0	0									
		3		14	11		6	11	7	11	3	5	11	16							
		4		43	35	4.6	21	39	21	32	19	35	24	35	4.5	4.6	-.09	4.7	4.5	.28	
		5		42	34		19	35	23	35	18	33	24	35							
		6	Very prepared	23	19		8	15	14	21	14	25	9	13							
		Total	123	100		54	100	66	100	55	100	68	100								
21. How important is it to you that your instiution provides the following?																					
a. A challenging academic experience	cacadexp	1	Not important	3	2		0	0	2	3	1	2	2	3							
		2		5	4		1	2	4	6	3	5	2	3							
		3		20	16		8	15	12	18	3	5	17	25							
		4		53	43	4.1	25	46	27	40	29	52	24	36	4.3	4.1	.22	4.2	4.1	.13	
		5		28	23		14	26	14	21	16	29	12	18							
		6	Very important	14	11		6	11	8	12	4	7	10	15							
		Total	123	100		54	100	67	100	56	100	67	100								
b. Support to help students succeed academically	cSEacad	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		5	4		0	0	5	7	2	4	3	4							
		4		15	12	5.3	8	15	6	9	5	9	10	15	5.4	5.3	.03	5.4	5.3	.06	
		5		35	28		18	33	17	25	19	34	16	24							
		6	Very important	68	55		28	52	39	58	30	54	38	57							
		Total	123	100		54	100	67	100	56	100	67	100								
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	cSEdiv	1	Not important	1	1		0	0	1	2	0	0	1	1							
		2		2	2		1	2	1	2	2	4	0	0							
		3		10	8		3	6	7	11	5	9	5	7							
		4		30	25	4.8	15	28	15	23	16	29	14	21	4.9	4.8	.08	4.7	5.0	-.28	
		5		39	32		18	33	20	30	18	33	21	31							
		6	Very important	40	33		17	31	22	33	14	25	26	39							
		Total	122	100		54	100	66	100	55	100	67	100								

Frequencies and Statistical Comparisons

Humboldt 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.)	cSEacad	1	Not important	0	0	4.5	0	0	0	0	0	0	0	4.7	4.3 *	.37	4.4	4.6	-.18	
		2	10	8	2		4	8	12	6	11	4	6							
		3	11	9	5		9	6	9	6	11	5	7							
		4	42	34	16		30	25	37	16	29	26	39							
		5	31	25	15		28	16	24	18	32	13	19							
		6	Very important	29	24		16	30	12	18	10	18	19							28
		Total	123	100	54		100	67	100	56	100	67	100							
e. Opportunities to be involved socially	cSEsoc	1	Not important	3	2	4.4	1	2	2	3	3	5	0	0	4.5	4.3	.13	4.2	4.6	-.29
		2	7	6	2		4	5	7	4	7	3	4							
		3	14	11	6		11	8	12	7	13	7	10							
		4	35	28	16		30	17	25	13	23	22	33							
		5	41	33	18		33	23	34	22	39	19	28							
		6	Very important	23	19		11	20	12	18	7	13	16	24						
		Total	123	100	54		100	67	100	56	100	67	100							
f. Opportunities to attend campus activities and events	cSEact	1	Not important	3	2	4.5	0	0	3	4	2	4	1	1	4.6	4.5	.14	4.4	4.7	-.24
		2	7	6	4		7	3	4	5	9	2	3							
		3	14	11	5		9	9	13	8	14	6	9							
		4	30	24	14		26	15	22	11	20	19	28							
		5	34	28	14		26	19	28	15	27	19	28							
		6	Very important	35	28		17	31	18	27	15	27	20	30						
		Total	123	100	54		100	67	100	56	100	67	100							
g. Learning support services (tutoring, writing center, success coaching, etc.)	cSEserv	1	Not important	0	0	4.9	0	0	0	0	0	0	0	5.0	4.7	.23	4.7	5.0	-.26	
		2	3	2	1		2	2	3	2	4	1	1							
		3	13	11	6		11	7	10	7	13	6	9							
		4	27	22	9		17	17	25	13	23	14	21							
		5	36	29	14		26	21	31	18	32	18	27							
		6	Very important	44	36		24	44	20	30	16	29	28							42
		Total	123	100	54		100	67	100	56	100	67	100							

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

BCSSE 2019
First-Year Student Scale Means
Humboldt 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

1

BCSSE Scales	Variable ^a	All Students			First-Generation ^a			Self-Reported High School Grades			
		Mean	SD	N	Yes	No	ES	A- or higher	B+ or lower	ES	
					Mean	Mean		Mean	Mean		
Quantitative Reasoning											
<i>High school engagement with analysis and numerical information</i>	HS_QR	26.3	14.1	1221	25.4	27.7	**	-16	26.6	26.2	.02
Learning Strategies											
<i>Use of effective learning strategies in high school</i>	HS_LS	36.6	12.7	1220	36.4	36.8		-.04	37.5	35.3	** .17
Collaborative Learning											
<i>Expectation to interact and collaborate with peers</i>	EXP_CL	34.9	10.7	1232	34.3	35.1	-.07	35.5	33.6	** .17	
Student-Faculty Interaction											
<i>Expectation to interact and engage with faculty</i>	EXP_SFI	30.4	11.5	1234	29.9	30.9	-.09	30.0	30.0	.05	
Expected Discussions with Diverse Others											
<i>Expectation to engage in discussions with diverse others</i>	EXP_DD	42.1	13.9	1233	40.8	43.0	**	-.15	43.1	40.1	*** .21
Expected Academic Perseverance											
<i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	40.6	9.8	1233	40.8	41.1	-.03	41.8	39.8	*** .20	
Expected Academic Difficulty											
<i>Expected academic difficulty during the coming year</i>	EXP_DIF	26.3	10.4	1233	26.9	25.0	**	.18	25.9	26.3	-.04
Perceived Academic Preparation											
<i>Student perception of their academic preparation</i>	PER_PREP	41.9	10.2	1233	41.6	42.9	*	-.13	43.4	40.6	*** .27
Importance of Campus Environment											
<i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	41.3	10.7	1233	41.1	41.7	-.05	42.2	40.1	*** .20	

2

3

4

5

Scale Mean Scores and Selected Student Comparisons

Humboldt State University

First-Year Students

BCSSE Scales	Variable ^b	All Students			First-Generation ^a			Self-Reported High School Grades		
					Yes	No		A- or higher	B+ or lower	
		Mean	SD	N	Mean	Mean	ES	Mean	Mean	ES
Quantitative Reasoning										
<i>High school engagement with analysis and numerical information</i>	HS_QR	30.3	13.7	140	29.0	31.7	-.19	32.7	28.4	.31
Learning Strategies										
<i>Use of effective learning strategies in high school</i>	HS_LS	34.9	13.6	140	35.9	35.7	.02	36.6	33.6	.22
Collaborative Learning										
<i>Expectation to interact and collaborate with peers</i>	EXP_CL	35.7	11.1	126	35.4	36.3	-.09	35.2	36.1	-.08
Student-Faculty Interaction										
<i>Expectation to interact and engage with faculty</i>	EXP_SFI	29.5	11.9	125	31.7	27.5	.36	27.9	30.9	-.26
Expected Discussions with Diverse Others										
<i>Expectation to engage in discussions with diverse others</i>	EXP_DD	44.0	13.3	125	42.0	45.4	-.26	44.9	43.3	.12
Expected Academic Perseverance										
<i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	40.1	9.2	125	41.6	39.0	.29	41.1	39.4	.18
Expected Academic Difficulty										
<i>Expected academic difficulty during the coming year</i>	EXP_DIF	30.1	9.5	125	31.7	29.1	.28	28.8	31.1	-.24
Perceived Academic Preparation										
<i>Student perception of their academic preparation</i>	PER_PREP	41.1	9.2	123	40.1	42.2	-.23	42.4	40.0	.26
Importance of Campus Environment										
<i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	43.9	9.1	123	45.2	42.8	.27	42.7	44.9	-.25

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

BCSSE 2019 First-Year Student Institutional Report

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.