
BCSSE 2019

Transfer Student Institutional Report

University of Toledo

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

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

- All paper survey respondents regardless of high school graduation year.
- Web respondents who graduated high school in 2019.
- Web respondents who graduated high school in 2018 or 2017 and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2018 or 2017 and did attend another institution since graduating high school and expects to transfer 11 or fewer credits.

Transfer students were those respondents who met the following criteria:

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

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

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

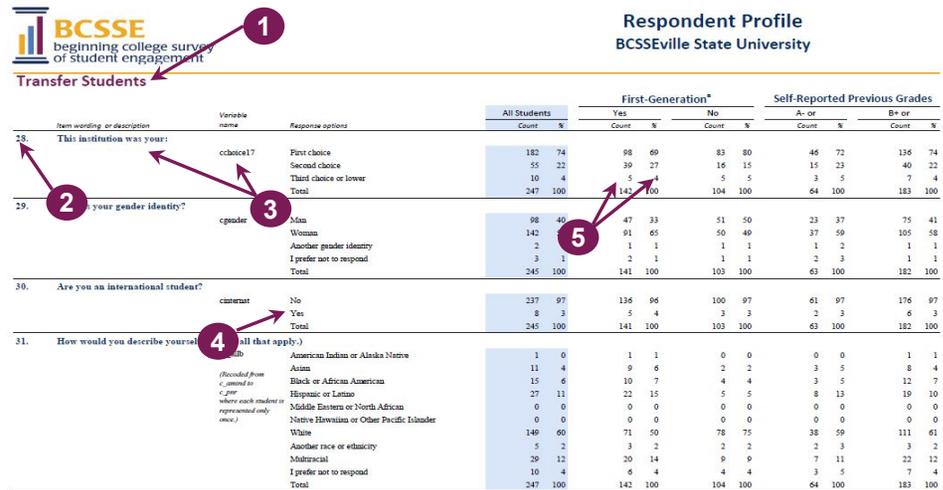
BCSSE 2019
Transfer Student Respondent Profile
University of Toledo

Respondent Profile

About This Report

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

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



Item wording or description	Variable name	Response options	All Students		First-Generation*		Self-Reported Previous Grades					
			Count	%	Yes Count	%	No Count	%	A- or Count	%	B+ or Count	%
28. This institution was your:	cbschool17	First choice Second choice Third choice or lower Total	182 55 10 247	74 22 4 100	98 39 5 142	69 27 4 100	83 16 5 104	80 15 5 100	46 15 3 64	72 23 5 100	156 40 7 183	74 22 4 100
29. your gender identity?	gender	Man Woman Another gender identity I prefer not to respond Total	98 142 2 3 245	40 58 1 1 100	47 91 1 2 141	33 65 1 1 100	51 50 1 1 103	50 49 1 1 100	23 37 1 2 63	37 59 2 3 100	75 105 1 1 182	41 58 1 1 100
30. Are you an international student?	citestat	No Yes Total	237 8 245	97 3 100	136 5 141	86 4 100	100 3 103	97 3 100	61 2 63	97 3 100	176 6 182	97 3 100
31. How would you describe yourself?	(all that apply)	American Indian or Alaska Native Asian Black or African American Hispanic or Latino Middle Eastern or North African Native Hawaiian or Other Pacific Islander White Another race or ethnicity Multiracial I prefer not to respond Total	1 11 15 27 0 0 149 5 29 10 247	0 4 6 11 0 0 60 2 12 4 100	1 9 10 22 0 0 71 3 20 6 142	1 6 7 15 0 0 50 2 14 4 100	0 2 4 5 0 0 78 2 9 4 104	0 2 4 5 0 0 75 2 9 4 100	38 3 7 3 64	59 5 11 5 100	111 8 12 19 0 0 59 3 22 7 183	61 4 7 10 0 0 59 2 12 4 100

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades				
			Count	%	Yes		No		A- or		B+ or		
					Count	%	Count	%	Count	%	Count	%	
1. Please indicate the year you graduated from high school:													
	hgradyr	Prior to 2016	11	39	4	57	4	22	5	36	6	43	
		2016	8	29	2	29	6	33	6	43	2	14	
		2017	2	7	0	0	2	11	1	7	1	7	
		2018	7	25	1	14	6	33	2	14	5	36	
		2019	0	0	0	0	0	0	0	0	0	0	
		Total	28	100	7	100	18	100	14	100	14	100	
W1. Since graduating from high school, which of the following have you done? (Select all that apply.)													
	tattend	Attend another college or university	28	100	7	100	18	100	14	100	14	100	
	tmilitary	Military service	1	4	0	0	1	6	1	7	0	0	
	twork_ft	Work full-time	6	21	3	43	3	17	3	21	3	21	
	twork_pt	Work part-time	13	46	4	57	8	44	6	43	7	50	
	thome	Homemaker or stay at home spouse	0	0	0	0	0	0	0	0	0	0	
	tvolunteer	Volunteer	3	11	0	0	3	17	2	14	1	7	
	tsinceoth	Other	1	4	0	0	0	0	1	7	0	0	
W2. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> this institution? (Select all that apply.)													
	tattend_voc	Vocational or technical school	2	7	2	29	0	0	0	0	2	14	
	tattend_com	Community or junior college	21	75	7	100	12	67	9	64	12	86	
	tattend_col	4-year college or university other than this one	8	29	1	14	6	33	6	43	2	14	
	tattend_other	Other	2	7	0	0	2	11	1	7	1	7	
W3. About how many credits do you expect to transfer to this institution?													
	ttransfr_cr	0	0	0	0	0	0	0	0	0	0	0	
		1-11	0	0	0	0	0	0	0	0	0	0	
		12-30	12	43	2	29	10	56	5	36	7	50	
		31-45	5	18	3	43	2	11	1	7	4	29	
		46-60	3	11	1	14	0	0	1	7	2	14	
		More than 60	8	29	1	14	6	33	7	50	1	7	
		Total	28	100	7	100	18	100	14	100	14	100	

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades			
					Yes		No		A- or		B+ or	
			Count	%	Count	%	Count	%	Count	%	Count	%
WT4. What were most of your grades at the other institution(s) you attended?	tgrades	C- or lower	0	0	0	0	0	0	0	0	0	0
		C	2	7	1	14	1	6	0	0	2	14
		C+	2	7	0	0	2	11	0	0	2	14
		B-	2	7	1	14	1	6	0	0	2	14
		B	5	18	2	29	3	17	0	0	5	36
		B+	3	11	2	29	0	0	0	0	3	21
		A-	4	14	0	0	3	17	4	29	0	0
		A	10	36	1	14	8	44	10	71	0	0
		Grades not used	0	0	0	0	0	0	0	0	0	0
		Total	28	100	7	100	18	100	14	100	14	100
WT6. What is the most recent year you were enrolled at other institution?	tattendyr	2019	16	57	5	71	9	50	7	50	9	64
		2018	6	21	1	14	5	28	3	21	3	21
		2017	3	11	0	0	3	17	2	14	1	7
		2016	0	0	0	0	0	0	0	0	0	0
		2015	0	0	0	0	0	0	0	0	0	0
		2014	2	7	1	14	1	6	1	7	1	7
		Prior to 2014	1	4	0	0	0	0	1	7	0	0
		Total	28	100	7	100	18	100	14	100	14	100
WT7. Will you continue attending this other institution during the coming school year?	tcontin	No	8	50	2	40	5	56	4	57	4	44
		Yes	8	50	3	60	4	44	3	43	5	56
		Not sure	0	0	0	0	0	0	0	0	0	0
		Total	16	100	5	100	9	100	7	100	9	100

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades			
					Yes		No		A- or		B+ or	
			Count	%	Count	%	Count	%	Count	%	Count	%
WT8. Which of the following describes why you are no longer enrolled at other institution(s)? (Select all that apply.)												
	tcomplprg	Completed program/degree	3	38	0	0	2	40	2	50	1	25
	tplanned	Always planned on transferring	5	63	2	100	3	60	2	50	3	75
	texpense	Too expensive	0	0	0	0	0	0	0	0	0	0
	tnomajor	Did not offer the major you are interested in	1	13	0	0	1	20	0	0	1	25
	tinconven	Inconvenient course scheduling	1	13	1	50	0	0	1	25	0	0
	ttoofar	Too far from where you lived	0	0	0	0	0	0	0	0	0	0
	tfamperinfl	Family or personal relationship	0	0	0	0	0	0	0	0	0	0
	tqacad	Quality of academic programs	2	25	1	50	1	20	1	25	1	25
	tacaddiff	Academic difficulty	1	13	0	0	1	20	0	0	1	25
	tdissatis	Personal dissatisfaction	1	13	1	50	0	0	1	25	0	0
	treasnoth	Other	1	13	1	50	0	0	1	25	0	0
WTD10. How many more years do you expect it will take to complete your bachelor's degree?												
	tyrscmpl	1 year	0	0	0	0	0	0	0	0	0	0
		2 years	5	18	1	14	3	17	4	29	1	7
		3 years	11	39	2	29	8	44	5	36	6	43
		4 years or longer	10	36	4	57	6	33	4	29	6	43
		Do not plan to complete a bachelor's degree	2	7	0	0	1	6	1	7	1	7
		Total	28	100	7	100	18	100	14	100	14	100
WTD11. Will you take at least one course from another college or university while attending this institution?												
	tanthinst	No	15	54	2	29	10	56	8	57	7	50
		Yes	7	25	3	43	4	22	3	21	4	29
		Not sure	6	21	2	29	4	22	3	21	3	21
		Total	28	100	7	100	18	100	14	100	14	100

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades				
					Yes		No		A- or		B+ or		
			Count	%	Count	%	Count	%	Count	%	Count	%	
22.			Which of the following sources are you using to pay your education expenses (tuition, fees, books, room & board, etc.)? For each, tell us if you are using, not using, or not sure.										
Support from parents or relatives	cparents	Using	12	48	2	29	10	56	7	58	5	38	
		Not using	12	48	4	57	8	44	5	42	7	54	
		Not sure	1	4	1	14	0	0	0	0	1	8	
		Total	25	100	7	100	18	100	12	100	13	100	
Loans	cloans	Using	8	32	5	71	3	17	1	8	7	54	
		Not using	15	60	2	29	13	72	11	92	4	31	
		Not sure	2	8	0	0	2	11	0	0	2	15	
		Total	25	100	7	100	18	100	12	100	13	100	
Grants or scholarships	cgrants	Using	18	72	6	86	12	67	8	67	10	77	
		Not using	4	16	1	14	3	17	2	17	2	15	
		Not sure	3	12	0	0	3	17	2	17	1	8	
		Total	25	100	7	100	18	100	12	100	13	100	
Employment on- or off-campus	cjob	Using	13	54	6	86	7	41	4	33	9	75	
		Not using	9	38	1	14	8	47	6	50	3	25	
		Not sure	2	8	0	0	2	12	2	17	0	0	
		Total	24	100	7	100	17	100	12	100	12	100	
Personal savings or other sources	cpersonal	Using	18	72	5	71	13	72	9	75	9	69	
		Not using	6	24	1	14	5	28	3	25	3	23	
		Not sure	1	4	1	14	0	0	0	0	1	8	
		Total	25	100	7	100	18	100	12	100	13	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+	0	0	0	0	0	0	0	0	0	0	
		B-	0	0	0	0	0	0	0	0	0	0	
		B	5	20	2	29	3	17	3	25	2	15	
		B+	5	20	0	0	5	28	1	8	4	31	
		A-	7	28	3	43	4	22	3	25	4	31	
		A	8	32	2	29	6	33	5	42	3	23	
		Grades not used	0	0	0	0	0	0	0	0	0	0	
		Total	25	100	7	100	18	100	12	100	13	100	

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades			
			Count	%	Yes		No		A- or		B+ or	
					Count	%	Count	%	Count	%	Count	%
24. Do you expect to graduate from this institution?	cintgrad	No	1	4	0	0	1	6	0	0	1	8
		Yes	23	92	7	100	16	89	11	92	12	92
		Uncertain	1	4	0	0	1	6	1	8	0	0
		Total	25	100	7	100	18	100	12	100	13	100
25. Do you know what your major will be?	cmajor	No	1	4	1	14	0	0	0	0	1	8
		Yes, specify	24	96	6	86	18	100	12	100	12	92
		Total	25	100	7	100	18	100	12	100	13	100
<i>(Recoded variable cmajcode into one of 12 major categories listed at right.)</i>	cmajrcol	Arts & Humanities	2	8	1	17	1	6	0	0	2	17
		Biological Sci., Agriculture, & Natural Resources	1	4	0	0	1	6	1	8	0	0
		Physical Sci., Mathematics, & Computer Science	8	33	2	33	6	33	6	50	2	17
		Social Sciences	0	0	0	0	0	0	0	0	0	0
		Business	0	0	0	0	0	0	0	0	0	0
		Communications, Media, & Public Relations	0	0	0	0	0	0	0	0	0	0
		Education	0	0	0	0	0	0	0	0	0	0
		Engineering	5	21	2	33	3	17	3	25	2	17
		Health Professions	3	13	0	0	3	17	1	8	2	17
		Social Service Professions	2	8	0	0	2	11	0	0	2	17
		All Other	3	13	1	17	2	11	1	8	2	17
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0
		Total	24	100	6	100	18	100	12	100	12	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	24	100	7	100	17	100	11	100	13	100
		Total	24	100	7	100	17	100	11	100	13	100
27. How many of your close friends will attend this college during the coming year?	cfriends	None	11	44	5	71	6	33	5	42	6	46
		1	6	24	2	29	4	22	3	25	3	23
		2	2	8	0	0	2	11	1	8	1	8
		3	2	8	0	0	2	11	1	8	1	8
		4 or more	4	16	0	0	4	22	2	17	2	15
		Total	25	100	7	100	18	100	12	100	13	100

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades			
			Count	%	Yes		No		A- or		B+ or	
					Count	%	Count	%	Count	%	Count	%
28. This institution was your:	cchoice17	First choice	14	56	5	71	9	50	8	67	6	46
		Second choice	9	36	1	14	8	44	3	25	6	46
		Third choice or lower	2	8	1	14	1	6	1	8	1	8
		Total	25	100	7	100	18	100	12	100	13	100
29. What is your gender identity?	cgender	Man	17	68	5	71	12	67	9	75	8	62
		Woman	8	32	2	29	6	33	3	25	5	38
		Another gender identity	0	0	0	0	0	0	0	0	0	0
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	25	100	7	100	18	100	12	100	13	100
30. Are you an international student?	cinternat	No	20	83	7	100	13	76	7	64	13	100
		Yes	4	17	0	0	4	24	4	36	0	0
		Total	24	100	7	100	17	100	11	100	13	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
		Asian	2	8	0	0	2	11	2	17	0	0
	<i>(Recoded from c_aminid to c_pnr where each student is represented only once.)</i>	Black or African American	4	16	2	29	2	11	1	8	3	23
		Hispanic or Latino	1	4	0	0	1	6	0	0	1	8
		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	13	52	4	57	9	50	7	58	6	46
		Another race or ethnicity	0	0	0	0	0	0	0	0	0	0
		Multiracial	5	20	1	14	4	22	2	17	3	23
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	25	100	7	100	18	100	12	100	13	100

Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported Previous Grades				
					Yes		No		A- or		B+ or		
			Count	%	Count	%	Count	%	Count	%	Count	%	
32. Regarding your parents (or those who raised you), what is the highest level of education completed by either of them?													
	cpardegr18	Did not finish high school	0	0	0	0	0	0	0	0	0	0	0
		High school diploma or G.E.D.	4	16	4	57	0	0	0	0	4	31	
		Attended college, but did not complete degree	3	12	3	43	0	0	1	8	2	15	
		Associate's degree (A.A., A.S., etc.)	0	0	0	0	0	0	0	0	0	0	
		Bachelor's degree (B.A., B.S., etc.)	9	36	0	0	9	50	5	42	4	31	
		Master's degree (M.A., M.S., etc.)	7	28	0	0	7	39	5	42	2	15	
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	2	8	0	0	2	11	1	8	1	8	
		Total	25	100	7	100	18	100	12	100	13	100	
First-generation status (Neither parent holds a bachelor's degree. Recoded from cpardegr18.)	bfirstgen	First-generation	7	28	7	100	0	0	1	8	6	46	
		Not first-generation	18	72	0	0	18	100	11	92	7	54	
		Total	25	100	7	100	18	100	12	100	13	100	
33. Which of the following best describes where you will be living while attending college?													
	cliving18	Campus housing (other than a fraternity or sorority house)	5	20	0	0	5	28	2	17	3	23	
		Fraternity or sorority house	0	0	0	0	0	0	0	0	0	0	
		House, apartment, or other residence within walking distance to campus	5	20	0	0	5	28	3	25	2	15	
		House, apartment, or other residence farther than walk. dist. to campus	15	60	7	100	8	44	7	58	8	62	
		Not applicable: No campus, entirely online program, etc.	0	0	0	0	0	0	0	0	0	0	
		Not applicable: Homeless or in transition	0	0	0	0	0	0	0	0	0	0	
		Total	25	100	7	100	18	100	12	100	13	100	

BCSSE 2019

Transfer Student Frequencies and Statistical Comparisons

University of Toledo

Frequencies and Statistical Comparisons

About This Report

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

- Student status:** As reported by your students.
- Item numbers:** Numbering corresponds to the survey facsimile and codenook available on the BCSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the percentage of students selecting the corresponding response option. Percentages may not sum to 100 due to rounding.
- Overall mean:** Mean scores for each item. Mean item scores by within-campus comparison groups are presented on the right side. Mean calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution.
- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #8) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are items WTD12 which are compared using a z -test.

BCSSE
beginning college survey
of student engagement

Transfer Students ← 1

Frequencies and Statistical Comparisons
BCSSEville State University

Item wording or identifier	Values*	Response options	Frequency Distributions								Statistical Comparisons							
			All Students		First-Generation		Self-Reported Previous Grades		First-Generation		Self-Reported Previous Grades							
			Count	% Mean	Yes	No	A- or higher	B+ or lower	Yes	No	A- or higher	B+ or lower						
			Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES		
WTD7: During your most recent year enrolled at the other institution, about how often did you do the following?																		
a. Accessed key information from reading assignments	1	Never	2	1			1	1		0	0		2	1				
	2	Sometimes	50	20			30	21	19	18		11	17	39	21			
	3	Often	117	47	3.1		62	44	53	51		28	44	89	48	3.1	3.1	.04
	4	Very often	80	32			49	35	30	29		25	39	55	30			
		Total	249	100			142	100	103	100		64	100	185	100			
b. Reviewed your notes after class	1	Never	13	5			7	5		5		8	12	5	3			
	2	Sometimes	73	29			46	32	26	25		14	22	59	32			
	3	Often	100	40	2.9		55	39	43	41		26	40	74	40	2.8	2.9	-.15
	4	Very often	64	26			30	29	30	29		17	26	47	25			
		Total	250	100			104	100	104	100		65	100	185	100			
c. Summarized what you learned in class or from course materials	1	Never	14	6			3	3		3		6	9	8	4			
	2	Sometimes	79	32			53	37	26	25		17	26	60	34			
	3	Often	101	40	2.8		53	37	47	45		27	42	74	40	2.7	3.0*	-.30
	4	Very often	56	22			28	20	28	27		15	23	41	22			
		Total	250	100			142	100	104	100		65	100	185	100			
WTD9: How important were the following reasons for choosing this institution?																		
a. Affordability	1	Not important	15	6			8	6		7		4	6	11	6			
	2		14	6			5	4		9		3	5	11	6			
	3		56	22			25	18		30		17	26	39	21			
	4		47	19	4.3		23	16		24		13	20	34	18	4.6	3.9***	-.66
	5		28	11			19	13		9		9	14	19	10			
	6	Very important	89	36			62	44		24		19	29	70	38			
		Total	249	100			142	100		103		65	100	184	100			
b. Location	1	Not important	25	10			15	11		10		5	8	20	11			
	2		15	6			7	5		7		4	6	11	6			
	3		22	9			12	9		10		4	6	18	10			
	4		35	14	4.5		15	11		20		11	17	24	13	4.6	4.4	.12
	5		44	18			25	18		18		16	25	28	15			
	6	Very important	107	43			66	47		39		24	38	83	45			
		Total	248	100			140	100		104		64	100	184	100			

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons					
				All Students			First-Generation		No		Self-Reported Previous Grades		A- or higher		B+ or lower		First-Generation		Self-Reported Previous Grades		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
WT5. During your most recent year enrolled at the other institution, about how often did you do the following?																					
a. Identified key information from reading assignments	tLSreading	1	Never	1	4			0	0	1	6	1	7	0	0						
		2	Sometimes	3	11			0	0	3	17	2	14	1	7						
		3	Often	16	57	3.1		2	29	11	61	8	57	8	57	3.7	2.9 *	1.29	2.9	3.3	-.49
		4	Very often	8	29			5	71	3	17	3	21	5	36						
		Total		28	100			7	100	18	100	14	100	14	100						
b. Reviewed your notes after class	tLSnotes	1	Never	0	0			0	0	0	0	0	0	0	0						
		2	Sometimes	9	33			2	29	7	41	5	36	4	31						
		3	Often	13	48	2.9		3	43	8	47	7	50	6	46	3.0	2.7	.39	2.8	2.9	-.19
		4	Very often	5	19			2	29	2	12	2	14	3	23						
		Total		27	100			7	100	17	100	14	100	13	100						
c. Summarized what you learned in class or from course materials	tLSsummary	1	Never	1	4			0	0	1	6	0	0	1	7						
		2	Sometimes	3	11			1	14	2	11	2	14	1	7						
		3	Often	19	68	3.0		5	71	11	61	9	64	10	71	3.0	3.0	.00	3.1	2.9	.21
		4	Very often	5	18			1	14	4	22	3	21	2	14						
		Total		28	100			7	100	18	100	14	100	14	100						
WTD9. How important were the following reasons for choosing this institution?																					
a. Affordability	tafford	1	Not important	1	4			0	0	1	6	1	7	0	0						
		2		2	7			1	14	1	6	1	7	1	7						
		3		3	11			1	14	2	11	1	7	2	14						
		4		6	21	4.6		1	14	5	28	4	29	2	14	4.4	4.5	-.05	4.4	4.9	-.28
		5		4	14			2	29	2	11	2	14	2	14						
		6	Very important	12	43			2	29	7	39	5	36	7	50						
Total		28	100			7	100	18	100	14	100	14	100								
b. Location	tnear	1	Not important	2	7			1	14	1	6	1	7	1	7						
		2		1	4			0	0	1	6	0	0	1	7						
		3		2	7			0	0	1	6	1	7	1	7						
		4		8	29	4.5		1	14	6	33	5	36	3	21	5.0	4.4	.37	4.4	4.6	-.14
		5		5	18			0	0	5	28	4	29	1	7						
		6	Very important	10	36			5	71	4	22	3	21	7	50						
		Total		28	100			7	100	18	100	14	100	14	100						

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation		No		Self-Reported Previous Grades		A- or higher		B+ or lower		First-Generation		Self-Reported Previous Grades		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
c. You can transfer most or all of your credits	ttrnsfr	1	Not important	2	7		0	0	2	11	2	14	0	0							
		2		0	0		0	0	0	0	0	0	0	0							
		3		2	7		0	0	2	11	2	14	0	0							
		4		2	7	5.1	2	29	0	0	1	7	1	7	5.3	4.9	.24	4.5	5.7	*	-.89
		5		5	18		1	14	3	17	3	21	2	14							
		6	Very important	17	61		4	57	11	61	6	43	11	79							
		Total		28	100		7	100	18	100	14	100	14	100							
d. Offers the major(s) you are interested in	toffermjr	1	Not important	1	4		0	0	1	6	1	7	0	0							
		2		0	0		0	0	0	0	0	0	0	0							
		3		0	0		0	0	0	0	0	0	0	0							
		4		1	4	5.6	0	0	1	6	1	7	0	0	5.9	5.5	.39	5.4	5.9		-.57
		5		3	11		1	14	2	11	2	14	1	7							
		6	Very important	23	82		6	86	14	78	10	71	13	93							
		Total		28	100		7	100	18	100	14	100	14	100							
e. Quality of academic programs	tqualacad	1	Not important	0	0		0	0	0	0	0	0	0								
		2		0	0		0	0	0	0	0	0	0								
		3		4	14		2	29	2	11	3	21	1	7							
		4		3	11	5.1	0	0	3	17	2	14	1	7	5.1	5.1	.07	4.7	5.6	*	-.82
		5		6	21		0	0	5	28	5	36	1	7							
		6	Very important	15	54		5	71	8	44	4	29	11	79							
		Total		28	100		7	100	18	100	14	100	14	100							
f. You can finish your degree quickly	tfinish	1	Not important	2	7		1	14	1	6	0	0	2	14							
		2		1	4		1	14	0	0	0	0	1	7							
		3		6	22		2	29	4	24	4	31	2	14							
		4		6	22	4.1	1	14	5	29	3	23	3	21	3.4	4.2	-.49	4.4	3.9		.31
		5		6	22		1	14	4	24	3	23	3	21							
		6	Very important	6	22		1	14	3	18	3	23	3	21							
		Total		27	100		7	100	17	100	13	100	14	100							
g. Flexible scheduling of courses	tflex	1	Not important	1	4		0	0	1	6	1	7	0	0							
		2		1	4		1	14	0	0	1	7	0	0							
		3		3	11		1	14	2	11	2	14	1	7							
		4		8	29	4.6	2	29	5	28	5	36	3	21	4.1	4.7	-.41	4.1	5.1	*	-.84
		5		5	18		2	29	2	11	2	14	3	21							
		6	Very important	10	36		1	14	8	44	3	21	7	50							
		Total		28	100		7	100	18	100	14	100	14	100							

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
h. Family or personal relationship	tfamper2	1	Not important	4	14		0	0	4	22	4	29	0	0							
		2		8	29		2	29	5	28	5	36	3	21							
		3		7	25		4	57	2	11	1	7	6	43							
		4		2	7	3.1	0	0	2	11	0	0	2	14	3.0	3.1	-.07	2.7	3.5	-.50	
		5		4	14		1	14	2	11	3	21	1	7							
		6	Very important	3	11		0	0	3	17	1	7	2	14							
		Total		28	100		7	100	18	100	14	100	14	100							
i. Other	timpoth	1	Not important	3	38		0	0	3	50	3	60	0	0							
		2		0	0		0	0	0	0	0	0	0	0							
		3		0	0		0	0	0	0	0	0	0	0							
		4		0	0	3.8	0	0	0	0	0	0	0	0	5.5	3.2	1.32	2.8	5.3	-1.40	
		5		3	38		1	50	2	33	1	20	2	67							
		6	Very important	2	25		1	50	1	17	1	20	1	33							
		Total		8	100		2	100	6	100	5	100	3	100							

WTD12. During the coming school year, which do you think will cause you stress? (Select all that apply.)^d

Variable name	Response options	Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
tstrss_tra	Transitioning back to being a student	10	37		3	43	7	39	4	29	6	46	43%	39%	.08	29%	46%	-.37
tstrss_bal	Balancing school and other commitments (work, family, etc)	18	67		5	71	12	67	10	71	8	62	71%	67%	.10	71%	62%	.21
tstrss_bas	Not having enough money for basic needs (housing, food, and transportation)	8	30		1	14	6	33	4	29	4	31	14%	33%	-.46	29%	31%	-.05
tstrss_acd	Not having enough money for college expenses (tuition, fees, books, etc.)	18	67		5	71	12	67	7	50	11	85	71%	67%	.10	50%	85%	-.76
tstrss_saf	Personal safety	1	4		0	0	1	6	1	7	0	0	0%	6%	-.48	7%	0%	.54
tstrss_perre	Personal relationship	6	22		1	14	4	22	3	21	3	23	14%	22%	-.21	21%	23%	-.04
tstrss_rmre	Roommate relationships	1	4		0	0	1	6	0	0	1	8	0%	6%	-.48	0%	8%	-.56
tstrss_car	Choosing a career	8	30		2	29	5	28	5	36	3	23	29%	28%	.02	36%	23%	.28
tstrss_com	Commuting to campus	5	19		3	43	2	11	2	14	3	23	43%	11%	.75	14%	23%	-.23
tstrss_oth	Other	1	4		0	0	0	0	1	7	0	0	0%	0%	.00	7%	0%	.54

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons				
				All Students			First-Generation		No		Self-Reported Previous Grades		A- or higher		B+ or lower		First-Generation		Self-Reported Previous Grades	
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean
WTD13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing the following?																				
a. Providing care for dependents (children, parents, etc)	tcarehrs	0	0	17	61	3	43	12	67	10	71	7	50							
	(Recoded version of tcare created by BCSSE. Values are estimated number of hours)	3	1-5	4	14	1	14	3	17	2	14	2	14							
		8	6-10	2	7	0	0	1	6	1	7	1	7							
		13	11-15	1	4	1	14	0	0	0	0	1	7							
		18	16-20	4	14	4.0	2	29	2	11	1	7	3	21	7.4	2.9	.61	2.3	5.8	-.54
		23	21-25	0	0	0	0	0	0	0	0	0	0							
		28	26-30	0	0	0	0	0	0	0	0	0	0							
		33	More than 30	0	0	0	0	0	0	0	0	0	0							
		Total			28	100	7	100	18	100	14	100	14	100						
b. Commuting to campus (driving, walking, etc.)	tcommutehrs	0	0	2	7	0	0	2	11	0	0	2	14							
	(Recoded version of tcommute created by BCSSE. Values are estimated number of hours)	3	1-5	17	61	4	57	12	67	9	64	8	57							
		8	6-10	7	25	1	14	4	22	5	36	2	14							
		13	11-15	1	4	1	14	0	0	0	0	1	7							
		18	16-20	1	4	4.9	1	14	0	0	0	0	1	7	7.3	3.8	.75	4.8	5.1	-.07
		23	21-25	0	0	0	0	0	0	0	0	0	0							
		28	26-30	0	0	0	0	0	0	0	0	0	0							
		33	More than 30	0	0	0	0	0	0	0	0	0	0							
		Total			28	100	7	100	18	100	14	100	14	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	0	0	0	0	0	0	0	0	0	0	0	0							
	(Recoded version of cacadpr13 created by BCSSE. Values are estimated number of hours)	3	1-5	1	4	1	14	0	0	1	8	0	0							
		8	6-10	4	15	1	14	3	17	2	15	2	14							
		13	11-15	4	15	1	14	2	11	0	0	4	29							
		18	16-20	8	30	17.8	1	14	6	33	5	38	3	21	18.0	18.0	.00	17.6	18.0	-.05
		23	21-25	7	26	1	14	6	33	4	31	3	21							
		28	26-30	2	7	1	14	1	6	1	8	1	7							
		33	More than 30	1	4	1	14	0	0	0	0	1	7							
		Total			27	100	7	100	18	100	13	100	14	100						

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

				Frequency Distributions								Statistical Comparisons									
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades						
				Count	%	Mean	Yes	No	A- or higher		B+ or lower		Yes	No	A- or higher		B+ or lower				
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES		
b. Working for pay on- or off-campus	cworkhrs	0 0		9	33		1	14	7	39	6	46	3	21							
		3 1-5		0	0		0	0	0	0	0	0	0	0							
		8 6-10	(Recoded version of cworkhrs created by BCSSE. Values are estimated number of hours)	3	11		1	14	2	11	2	15	1	7							
		13 11-15		2	7		0	0	2	11	0	0	2	14							
		18 16-20		6	22	13.7	2	29	3	17	3	23	3	21	19.0	12.1	.56	9.7	17.4	-.65	
		23 21-25		1	4		1	14	0	0	1	8	0	0							
		28 26-30		2	7		0	0	2	11	0	0	2	14							
		33 More than 30		4	15		2	29	2	11	1	8	3	21							
	Total		27	100		7	100	18	100	13	100	14	100								
c. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	ccocurrhrs	0 0		8	30		4	57	4	22	4	31	4	29							
		3 1-5	(Recoded version of ccocurrhrs created by BCSSE. Values are estimated number of hours)	10	37		3	43	6	33	3	23	7	50							
		8 6-10		6	22		0	0	6	33	4	31	2	14							
		13 11-15		2	7		0	0	1	6	1	8	1	7							
		18 16-20		0	0	4.9	0	0	0	0	0	0	0	0	1.3	5.9	-.96	6.3	3.6	.45	
		23 21-25		0	0		0	0	0	0	0	0	0	0							
		28 26-30		1	4		0	0	1	6	1	8	0	0							
		33 More than 30		0	0		0	0	0	0	0	0	0	0							
	Total		27	100		7	100	18	100	13	100	14	100								
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	csocial13hrs	0 0		0	0		0	0	0	0	0	0	0								
		3 1-5	(Recoded version of csocial13hrs created by BCSSE. Values are estimated number of hours)	6	22		1	14	4	22	3	23	3	21							
		8 6-10		8	30		4	57	3	17	2	15	6	43							
		13 11-15		9	33		2	29	7	39	7	54	2	14							
		18 16-20		3	11	10.2	0	0	3	17	1	8	2	14	8.7	11.3	-.54	10.3	10.1	.03	
		23 21-25		1	4		0	0	1	6	0	0	1	7							
		28 26-30		0	0		0	0	0	0	0	0	0	0							
		33 More than 30		0	0		0	0	0	0	0	0	0	0							
	Total		27	100		7	100	18	100	13	100	14	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	2	7		1	14	1	6	2	15	0	0							
		2	Some	8	30		2	29	5	28	4	31	4	29							
		3	About half	8	30	3.0	3	43	5	28	3	23	5	36	2.7	3.1	-.29	2.8	3.1	-.34	
		4	Most	7	26		0	0	6	33	3	23	4	29							
		5	Almost all	2	7		1	14	1	6	1	8	1	7							
		Total		27	100		7	100	18	100	13	100	14	100							

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons							
				All Students			First-Generation		No		Self-Reported Previous Grades		A- or higher		B+ or lower		First-Generation		Self-Reported Previous Grades				
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES	
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	2	7			1	14	1	6	2	15	0	0								
		2	Sometimes	13	48			4	57	8	44	8	62	5	36								
		3	Often	8	30	2.5			2	29	5	28	2	15	6	43	2.1	2.7	-.65	2.2	2.9	*	-.90
		4	Very often	4	15			0	0	4	22	1	8	3	21								
		Total		27	100			7	100	18	100	13	100	14	100								
b. Explain course material to one or more students	cCLxplain	1	Never	1	4			1	14	0	0	1	8	0	0								
		2	Sometimes	17	63			5	71	12	67	9	69	8	57								
		3	Often	5	19	2.4			1	14	2	11	2	15	3	21	2.0	2.6	-.76	2.2	2.6		-.52
		4	Very often	4	15			0	0	4	22	1	8	3	21								
		Total		27	100			7	100	18	100	13	100	14	100								
c. Prepare for exams by discussing or working through course material with other students	cCLstudy	1	Never	2	7			1	14	1	6	2	15	0	0								
		2	Sometimes	14	52			3	43	10	56	8	62	6	43								
		3	Often	7	26	2.5			2	29	4	22	2	15	5	36	2.4	2.5	-.08	2.2	2.8		-.79
		4	Very often	4	15			1	14	3	17	1	8	3	21								
		Total		27	100			7	100	18	100	13	100	14	100								
d. Work with other students on course projects or assignments	cCLproject	1	Never	0	0			0	0	0	0	0	0	0	0								
		2	Sometimes	11	41			4	57	6	33	7	54	4	29								
		3	Often	13	48	2.7			2	29	10	56	6	46	7	50	2.6	2.8	-.29	2.5	2.9		-.74
		4	Very often	3	11			1	14	2	11	0	0	3	21								
		Total		27	100			7	100	18	100	13	100	14	100								
e. Talk about career plans with a faculty member	cSFcareer	1	Never	2	7			1	14	1	6	2	15	0	0								
		2	Sometimes	15	56			5	71	10	56	8	62	7	50								
		3	Often	6	22	2.4			0	0	5	28	2	15	4	29	2.1	2.4	-.36	2.2	2.7		-.69
		4	Very often	4	15			1	14	2	11	1	8	3	21								
		Total		27	100			7	100	18	100	13	100	14	100								
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	cSFothrwrk	1	Never	9	33			3	43	6	33	6	46	3	21								
		2	Sometimes	13	48			3	43	9	50	6	46	7	50								
		3	Often	3	11	1.9			0	0	2	11	1	8	2	14	1.9	1.9	-.03	1.6	2.2		-.72
		4	Very often	2	7			1	14	1	6	0	0	2	14								
		Total		27	100			7	100	18	100	13	100	14	100								

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons					
				All Students			First-Generation		No		Self-Reported Previous Grades		A- or higher		B+ or lower		First-Generation		Self-Reported Previous Grades		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
g Discuss your academic performance with a faculty member	cSFprform	1	Never	5	19		0	0	5	28	5	38	0	0							
		2	Sometimes	12	44		5	71	7	39	5	38	7	50							
		3	Often	5	19	2.4	1	14	3	17	2	15	3	21	2.4	2.2	.22	1.9	2.8	*	-.93
		4	Very often	5	19		1	14	3	17	1	8	4	29							
		Total		27	100		7	100	18	100	13	100	14	100							
h Discuss course topics, ideas, or concepts with a faculty member outside of class	cSFdiscuss	1	Never	4	15		2	29	2	11	3	23	1	7							
		2	Sometimes	11	41		3	43	8	44	6	46	5	36							
		3	Often	7	26	2.5	1	14	5	28	1	8	6	43	2.1	2.5	-.36	2.3	2.6		-.34
		4	Very often	5	19		1	14	3	17	3	23	2	14							
		Total		27	100		7	100	18	100	13	100	14	100							
i Prepare two or more drafts of a paper or assignment before turning it in	cdrafting	1	Never	4	15		1	14	3	17	3	23	1	7							
		2	Sometimes	10	37		3	43	7	39	4	31	6	43							
		3	Often	9	33	2.5	2	29	6	33	4	31	5	36	2.4	2.4	.04	2.4	2.6		-.20
		4	Very often	4	15		1	14	2	11	2	15	2	14							
		Total		27	100		7	100	18	100	13	100	14	100							
j Come to class without completing readings or assignments	cunprepard	1	Never	16	59		3	43	11	61	8	62	8	57							
		2	Sometimes	8	30		2	29	6	33	4	31	4	29							
		3	Often	3	11	1.5	2	29	1	6	1	8	2	14	1.9	1.4	.54	1.5	1.6		-.15
		4	Very often	0	0		0	0	0	0	0	0	0	0							
		Total		27	100		7	100	18	100	13	100	14	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	1	4		0	0	1	6	1	8	0	0							
		2	Sometimes	7	27		2	29	5	28	5	42	2	14							
		3	Often	10	38	3.0	4	57	6	33	3	25	7	50	2.9	2.9	-.11	2.7	3.2		-.64
		4	Very often	8	31		1	14	6	33	3	25	5	36							
		Total		26	100		7	100	18	100	12	100	14	100							
b. People from an economic background other than your own	cDVeconomic	1	Never	0	0		0	0	0	0	0	0	0								
		2	Sometimes	6	23		2	29	4	22	5	42	1	7							
		3	Often	12	46	3.1	4	57	8	44	4	33	8	57	2.9	3.1	-.35	2.8	3.3		-.62
		4	Very often	8	31		1	14	6	33	3	25	5	36							
		Total		26	100		7	100	18	100	12	100	14	100							

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Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions																Statistical Comparisons				
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades									
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
c. People with religious beliefs other than your own	cDVreligion	1	Never	0	0			0	0	0	0	0	0	0	0									
		2	Sometimes	7	28			2	29	5	29	5	42	2	15									
		3	Often	10	40	3.0		4	57	6	35	3	25	7	54	2.9	3.1	-.26	2.9	3.2				
		4	Very often	8	32			1	14	6	35	4	33	4	31									
		Total		25	100			7	100	17	100	12	100	13	100									
d. People with political views other than your own	cDVpolitical	1	Never	0	0			0	0	0	0	0	0	0										
		2	Sometimes	7	27			3	43	4	22	4	33	3	21									
		3	Often	9	35	3.1		2	29	7	39	5	42	4	29	2.9	3.2	-.37	2.9	3.3				
		4	Very often	10	38			2	29	7	39	3	25	7	50									
		Total		26	100			7	100	18	100	12	100	14	100									
17. During the coming school year, how certain are you that you will do the following?																								
a. Study when there are other interesting things to do	cotherint	1	Not at all certain	1	4			0	0	0	0	0	0	1	8									
		2		1	4			1	14	0	0	1	8	0	0									
		3		3	12			0	0	3	18	2	17	1	8									
		4		6	24	4.5		1	14	5	29	3	25	3	23	4.6	4.6	-.06	4.4	4.5				
		5		8	32			4	57	4	24	3	25	5	38									
		6	Very certain	6	24			1	14	5	29	3	25	3	23									
Total		25	100			7	100	17	100	12	100	13	100											
b. Find additional information for course assignments when you don't understand the material	cfindinfo	1	Not at all certain	0	0			0	0	0	0	0	0	0	0									
		2		0	0			0	0	0	0	0	0	0	0									
		3		3	12			1	14	2	11	2	17	1	7									
		4		3	12	5.0		0	0	3	17	3	25	0	0	5.1	5.0	.14	4.8	5.3				
		5		10	38			3	43	6	33	3	25	7	50									
		6	Very certain	10	38			3	43	7	39	4	33	6	43									
Total		26	100			7	100	18	100	12	100	14	100											
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	1	Not at all certain	1	4			1	14	0	0	1	8	0	0									
		2		2	8			0	0	2	11	2	17	0	0									
		3		3	12			1	14	2	11	2	17	1	7									
		4		8	31	4.3		1	14	7	39	5	42	3	21	4.1	4.3	-.09	3.5	4.9	**			
		5		7	27			3	43	3	17	1	8	6	43									
		6	Very certain	5	19			1	14	4	22	1	8	4	29									
Total		26	100			7	100	18	100	12	100	14	100											

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons							
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades								
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES	
d. Ask instructors for help when you struggle with course assignments	caskinst	1	Not at all certain	0	0			0	0	0	0	0	0										
		2		0	0			0	0	0	0	0	0										
		3		4	15			1	14	3	17	3	25	1	7								
		4		5	19	4.8			1	14	4	22	4	33	1	7	5.0	4.8	.20	4.3	5.3	*	-.96
		5		8	31			2	29	5	28	3	25	5	36								
		6	Very certain	3	43			6	33	2	17	7	50										
		Total		26	100			7	100	18	100	12	100	14	100								
e. Finish something you have started when you encounter challenges	cfinish	1	Not at all certain	0	0			0	0	0	0	0	0										
		2		0	0			0	0	0	0	0	0										
		3		0	0			0	0	0	0	0	0										
		4		5	19	5.2			0	0	5	28	4	33	1	7	5.4	5.2	.37	5.0	5.4		-.57
		5		10	38			4	57	5	28	4	33	6	43								
		6	Very certain	11	42			3	43	8	44	4	33	7	50								
		Total		26	100			7	100	18	100	12	100	14	100								
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	1	Not at all certain	0	0			0	0	0	0	0	0										
		2		0	0			0	0	0	0	0	0										
		3		3	12			0	0	3	17	3	25	0	0								
		4		6	23	4.8			1	14	5	28	3	25	3	21	5.4	4.6	.89	4.4	5.2	*	-.84
		5		9	35			2	29	6	33	4	33	5	36								
		6	Very certain	8	31			4	57	4	22	2	17	6	43								
		Total		26	100			7	100	18	100	12	100	14	100								
18. During the coming school year, how difficult do you expect the following to be?																							
a. Learning course material	cleamma	1	Not at all difficult	0	0			0	0	0	0	0	0										
		2		4	15			3	43	1	6	1	8	3	21								
		3		5	19			1	14	4	22	2	17	3	21								
		4		8	31	4.0			0	0	8	44	5	42	3	21	3.6	4.0	-.31	4.1	3.9		.18
		5		6	23			2	29	4	22	3	25	3	21								
		6	Very difficult	3	12			1	14	1	6	1	8	2	14								
		Total		26	100			7	100	18	100	12	100	14	100								

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
b. Managing your time	cmantime	1	Not at all difficult	0	0		0	0	0	0	0	0	0								
		2		3	12		2	29	1	6	1	8	2	14							
		3		6	23		1	14	5	28	4	33	2	14							
		4		8	31	3.9	2	29	6	33	4	33	4	29	3.6	4.0	-.37	3.8	4.0	-.15	
		5		8	31		2	29	5	28	2	17	6	43							
		6	Very difficult	1	4		0	0	1	6	1	8	0	0							
		Total		26	100		7	100	18	100	12	100	14	100							
c. Paying college or university expenses	cpaycoll	1	Not at all difficult	2	8		0	0	1	6	1	8	1	7							
		2		4	15		1	14	3	17	3	25	1	7							
		3		5	19		1	14	4	22	3	25	2	14							
		4		6	23	3.9	3	43	3	17	3	25	3	21	4.0	4.0	.00	3.3	4.4	-.64	
		5		2	8		1	14	1	6	0	0	2	14							
		6	Very difficult	7	27		1	14	6	33	2	17	5	36							
		Total		26	100		7	100	18	100	12	100	14	100							
d. Getting help with school work	cgethelp	1	Not at all difficult	1	4		0	0	0	0	0	0	1	7							
		2		10	38		2	29	8	44	6	50	4	29							
		3		7	27		3	43	4	22	3	25	4	29							
		4		5	19	3.0	1	14	4	22	2	17	3	21	3.1	3.0	.13	2.8	3.1	-.21	
		5		3	12		1	14	2	11	1	8	2	14							
		6	Very difficult	0	0		0	0	0	0	0	0	0	0							
		Total		26	100		7	100	18	100	12	100	14	100							
e. Making new friends	cmakefr	1	Not at all difficult	8	31		4	57	4	22	3	25	5	36							
		2		5	19		0	0	5	28	4	33	1	7							
		3		5	19		1	14	3	17	2	17	3	21							
		4		4	15	2.7	1	14	3	17	2	17	2	14	2.3	2.8	-.34	2.5	2.9	-.23	
		5		3	12		1	14	2	11	1	8	2	14							
		6	Very difficult	1	4		0	0	1	6	0	0	1	7							
		Total		26	100		7	100	18	100	12	100	14	100							
f. Interacting with faculty	cintfac	1	Not at all difficult	9	35		3	43	6	33	4	33	5	36							
		2		5	19		1	14	3	17	3	25	2	14							
		3		5	19		1	14	4	22	3	25	2	14							
		4		4	15	2.5	1	14	3	17	1	8	3	21	2.4	2.6	-.12	2.3	2.7	-.25	
		5		2	8		1	14	1	6	1	8	1	7							
		6	Very difficult	1	4		0	0	1	6	0	0	1	7							
		Total		26	100		7	100	18	100	12	100	14	100							

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons					
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
19. During the coming school year, about how often do you expect to seek help with coursework from the following sources?																					
a. Faculty members	cseekfac	1	Never	2	8			1	14	1	6	1	8	1	7						
		2	Sometimes	11	42			4	57	7	39	5	42	6	43						
		3	Often	10	38	2.5		1	14	8	44	6	50	4	29	2.3	2.6	-.37	2.4	2.6	-.28
		4	Very often	3	12			1	14	2	11	0	0	3	21						
		Total		26	100			7	100	18	100	12	100	14	100						
b. Academic advisors	cseekaa	1	Never	4	15			1	14	3	17	4	33	0	0						
		2	Sometimes	14	54			6	86	8	44	4	33	10	71						
		3	Often	6	23	2.2		0	0	6	33	3	25	3	21	1.9	2.3	-.65	2.1	2.4	-.33
		4	Very often	2	8			0	0	1	6	1	8	1	7						
		Total		26	100			7	100	18	100	12	100	14	100						
c. Learning support services (tutoring, writing center, success coaching, etc.)	cseekls	1	Never	3	12			2	29	1	6	2	17	1	8						
		2	Sometimes	12	48			3	43	9	50	5	42	7	54						
		3	Often	4	16	2.5		0	0	4	22	3	25	1	8	2.3	2.6	-.30	2.4	2.6	-.19
		4	Very often	6	24			2	29	4	22	2	17	4	31						
		Total		25	100			7	100	18	100	12	100	13	100						
d. Friends or other students	cseekfrnd	1	Never	0	0			0	0	0	0	0	0	0	0						
		2	Sometimes	11	42			4	57	7	39	6	50	5	36						
		3	Often	11	42	2.7		2	29	8	44	5	42	6	43	2.6	2.8	-.27	2.6	2.9	-.38
		4	Very often	4	15			1	14	3	17	1	8	3	21						
		Total		26	100			7	100	18	100	12	100	14	100						
e. Family members	cseekfam	1	Never	9	35			1	14	8	44	6	50	3	21						
		2	Sometimes	12	46			6	86	6	33	4	33	8	57						
		3	Often	3	12	1.9		0	0	3	17	1	8	2	14	1.9	1.8	.03	1.8	2.1	-.36
		4	Very often	2	8			0	0	1	6	1	8	1	7						
		Total		26	100			7	100	18	100	12	100	14	100						
f. Other persons or offices	cseekoth	1	Never	8	31			3	43	5	28	5	42	3	21						
		2	Sometimes	15	58			4	57	11	61	6	50	9	64						
		3	Often	2	8	1.8		0	0	2	11	1	8	1	7	1.6	1.8	-.45	1.7	2.0	-.46
		4	Very often	1	4			0	0	0	0	0	0	1	7						
		Total		26	100			7	100	18	100	12	100	14	100						

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Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions												Statistical Comparisons						
				All Students			First-Generation		No		Self-Reported Previous Grades		A- or higher		B+ or lower		First-Generation		Self-Reported Previous Grades			
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
20. How prepared are you to do the following in your academic work at this institution?																						
a. Write clearly and effectively	cSGwrite	1	Not at all prepared	0	0			0	0	0	0	0	0									
		2		1	4			0	0	1	6	0	0	1	8							
		3		2	8			0	0	2	11	2	17	0	0							
		4		5	20	4.9			1	14	4	22	1	8	4	31	5.3	4.7	.55	4.9	4.8	.06
		5		8	32			3	43	5	28	5	42	3	23							
		6	Very prepared	9	36			3	43	6	33	4	33	5	38							
		Total		25	100			7	100	18	100	12	100	13	100							
b. Speak clearly and effectively	cSGspeak	1	Not at all prepared	0	0			0	0	0	0	0	0									
		2		0	0			0	0	0	0	0	0									
		3		2	8			0	0	2	11	2	17	0	0							
		4		8	32	4.9			3	43	5	28	4	33	4	31	4.9	4.9	-.03	4.6	5.2	-.57
		5		6	24			2	29	4	22	3	25	3	23							
		6	Very prepared	9	36			2	29	7	39	3	25	6	46							
		Total		25	100			7	100	18	100	12	100	13	100							
c. Think critically and analytically	cSGthink	1	Not at all prepared	0	0			0	0	0	0	0	0									
		2		0	0			0	0	0	0	0	0									
		3		2	8			0	0	2	11	2	17	0	0							
		4		6	24	5.0			2	29	4	22	2	17	4	31	5.3	4.8	.47	4.7	5.2	-.59
		5		8	32			1	14	7	39	6	50	2	15							
		6	Very prepared	9	36			4	57	5	28	2	17	7	54							
		Total		25	100			7	100	18	100	12	100	13	100							
d. Analyze numerical and statistical information	cSGanalyze	1	Not at all prepared	0	0			0	0	0	0	0	0									
		2		0	0			0	0	0	0	0	0									
		3		3	12			0	0	3	17	2	17	1	8							
		4		7	28	4.8			3	43	4	22	3	25	4	31	5.0	4.8	.21	4.7	5.0	-.31
		5		6	24			1	14	5	28	4	33	2	15							
		6	Very prepared	9	36			3	43	6	33	3	25	6	46							
		Total		25	100			7	100	18	100	12	100	13	100							

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Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
e. Work effectively with others	cSGothers	1	Not at all prepared	0	0		0	0	0	0	0	0	0								
		2		0	0		0	0	0	0	0	0	0								
		3		2	8		1	14	1	6	1	8	1	8							
		4		6	24	4.9	1	14	5	28	5	42	1	8	4.9	4.9	-.09	4.6	5.2	-.71	
		5		9	36		3	43	6	33	4	33	5	38							
		6	Very prepared	8	32		2	29	6	33	2	17	6	46							
		Total		25	100		7	100	18	100	12	100	13	100							
f. Use computing and information technology	cgncompt13	1	Not at all prepared	0	0		0	0	0	0	0	0	0								
		2		0	0		0	0	0	0	0	0	0								
		3		1	4		0	0	1	6	1	8	0	0							
		4		6	24	5.2	2	29	4	22	4	33	2	15	5.3	5.2	.12	4.9	5.5	-.58	
		5		5	20		1	14	4	22	2	17	3	23							
		6	Very prepared	13	52		4	57	9	50	5	42	8	62							
		Total		25	100		7	100	18	100	12	100	13	100							
g. Learn effectively on your own	cgninq	1	Not at all prepared	0	0		0	0	0	0	0	0	0								
		2		0	0		0	0	0	0	0	0	0								
		3		2	8		0	0	2	11	1	8	1	8							
		4		7	28	5.0	2	29	5	28	4	33	3	23	5.1	4.9	.26	4.8	5.1	-.24	
		5		6	24		2	29	4	22	3	25	3	23							
		6	Very prepared	10	40		3	43	7	39	4	33	6	46							
		Total		25	100		7	100	18	100	12	100	13	100							
21. How important is it to you that your institution provides the following?																					
a. A challenging academic experience	cacadexp	1	Not important	1	4		0	0	1	6	1	8	0	0							
		2		2	8		1	14	1	6	1	8	1	8							
		3		2	8		1	14	1	6	2	17	0	0							
		4		11	44	4.2	2	29	9	50	5	42	6	46	4.3	4.2	.09	3.8	4.5	-.54	
		5		4	16		1	14	3	17	1	8	3	23							
		6	Very important	5	20		2	29	3	17	2	17	3	23							
		Total		25	100		7	100	18	100	12	100	13	100							

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons								
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades							
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
b. Support to help students succeed academically	cSEacad	1	Not important	0	0		0	0	0	0	0	0	0									
		2		0	0		0	0	0	0	0	0	0									
		3		0	0		0	0	0	0	0	0	0									
		4		4	17	5.4	3	43	1	6	2	18	2	15	5.0	5.5	-.64	5.3	5.5		-.24	
		5		7	29		1	14	6	35	4	36	3	23								
		6	Very important	13	54		3	43	10	59	5	45	8	62								
	Total	24	100		7	100	17	100	11	100	13	100										
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	cSEdiv	1	Not important	2	8		1	14	1	6	2	17	0	0								
		2		2	8		0	0	2	11	2	17	0	0								
		3		3	12		1	14	2	11	2	17	1	8								
		4		3	12	4.4	1	14	2	11	1	8	2	15	4.3	4.4	-.09	3.5	5.2	**	-1.22	
		5		7	28		2	29	5	28	4	33	3	23								
		6	Very important	8	32		2	29	6	33	1	8	7	54								
	Total	25	100		7	100	18	100	12	100	13	100										
d. Help managing your non- academic responsibilities (work, family, etc.)	cSEacad	1	Not important	1	4		0	0	1	6	1	8	0	0								
		2		3	12		1	14	2	11	3	25	0	0								
		3		3	12		2	29	1	6	1	8	2	15								
		4		6	24	4.3	2	29	4	22	2	17	4	31	3.9	4.4	-.40	3.7	4.8	*	-.83	
		5		5	20		1	14	4	22	4	33	1	8								
		6	Very important	7	28		1	14	6	33	1	8	6	46								
	Total	25	100		7	100	18	100	12	100	13	100										
e. Opportunities to be involved socially	cSEsoc	1	Not important	1	4		1	14	0	0	1	8	0	0								
		2		3	12		1	14	2	11	2	17	1	8								
		3		2	8		1	14	1	6	1	8	1	8								
		4		6	24	4.3	2	29	4	22	2	17	4	31	3.6	4.6	-.68	4.0	4.6		-.42	
		5		7	28		1	14	6	33	4	33	3	23								
		6	Very important	6	24		1	14	5	28	2	17	4	31								
	Total	25	100		7	100	18	100	12	100	13	100										
f. Opportunities to attend campus activities and events	cSEact	1	Not important	2	8		1	14	1	6	2	17	0	0								
		2		0	0		0	0	0	0	0	0	0									
		3		6	24		3	43	3	17	3	25	3	23								
		4		6	24	4.2	1	14	5	28	2	17	4	31	3.6	4.4	-.58	3.8	4.5		-.48	
		5		5	20		1	14	4	22	3	25	2	15								
		6	Very important	6	24		1	14	5	28	2	17	4	31								
	Total	25	100		7	100	18	100	12	100	13	100										

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

Frequencies and Statistical Comparisons

University of Toledo

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation		No		Self-Reported Previous Grades		A- or higher		B+ or lower		First-Generation		Self-Reported Previous Grades		
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
g. Learning support services (tutoring, writing center, success coaching, etc.)	cSEserv	1	Not important	1	4			1	14	0	0	1	8	0	0						
		2		0	0	0	0	0	0	0	0	0	0	0							
		3		6	24	2	29	4	22	3	25	3	23								
		4		3	12	4.4	1	14	2	11	1	8	2	15	3.7	4.7	-.76	4.3	4.6	-.28	
		5		10	40	3	43	7	39	5	42	5	38								
		6	Very important	5	20	0	0	5	28	2	17	3	23								
	Total			25	100	7	100	18	100	12	100	13	100								

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

BCSSE 2019
Transfer Student Scale Means
University of Toledo

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.

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

Mean Scale Scores and Selected Student Comparisons

BCSSEville State University

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

Mean Scale Scores and Selected Student Comparisons

University of Toledo

Transfer Students

BCSSE Scales	Variable ^b	All Students			First-Generation ^a			Self-Reported Previous Grades		
					Yes	No	ES	A- or higher	B+ or lower	ES
		Mean	SD	N	Mean	Mean		Mean	Mean	
Learning Strategies <i>Use of effective learning strategies at prior institution</i>	TR_LS	39.8	11.3	27	44.8	37.3	.65	38.6	41.0	-.21
Collaborative Learning <i>Expectation to interact and collaborate with peers</i>	EXP_CL	30.7	13.4	27	25.7	32.5	-.49	25.0	36.1 *	-.89
Student-Faculty Interaction <i>Expectation to interact and engage with faculty</i>	EXP_SFI	26.1	16.2	27	22.9	25.3	-.14	20.0	31.8	-.77
Expected Discussions with Diverse Others <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	41.2	14.9	26	37.1	41.7	-.31	36.7	45.0	-.57
Expected Academic Perseverance <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	45.5	9.5	26	47.4	45.0	.23	40.8	49.4 *	-.99
Expected Academic Difficulty <i>Expected academic difficulty during the coming year</i>	EXP_DIF	28.2	9.8	26	26.1	28.8	-.24	27.3	28.9	-.17
Perceived Academic Preparation <i>Student perception of their academic preparation</i>	PER_PREP	47.4	9.2	25	49.2	46.7	.27	44.9	49.7	-.53
Importance of Campus Environment <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	41.5	12.3	25	36.5	43.5	-.52	36.7	46.0	-.80

BCSSE Scales

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

Scale name	Description	Scale items
<i>Quantitative Reasoning</i> (<i>HS_QR</i>)	High school engagement with analysis and numerical information (First-year students only)	hQRconclud, hQRproblm, hQRrevaluat
<i>Learning Strategies</i> (<i>HS_LS</i>)	Use of effective learning strategies in high school. (First-year students only)	hLSreading, hLSnotes, hLSSummary
<i>Learning Strategies</i> (<i>TR_LS</i>)	Use of effective learning strategies at prior institution (Transfer students only)	tLSreading, tLSnotes, tLSSummary
<i>Collaborative Learning</i> (<i>EXP_CL</i>)	Expectation to interact and collaborate with peers	fyCLaskhlp, fyCLxplain, fyCLstudy, fyCLproject
<i>Student-Faculty Interaction</i> (<i>EXP_SFI</i>)	Expectation to interact and engage with faculty	fySFcareer, fySFothrwrk, fySFprform, fySFdiscuss
<i>Discussions with Diverse Others</i> (<i>EXP_DD</i>)	Expectation to engage in discussions with diverse others	fyDVrace, fyDVeconomc, fyDVreligion, fyDVpolitical
<i>Academic Perseverance</i> (<i>EXP_PER</i>)	Student certainty that they will persist in the face of academic adversity	cotherint, cfindinfo, ccourdis, caskinst, cfinish, cstaypos
<i>Academic Difficulty</i> (<i>EXP_DIF</i>)	Expected academic difficulty during the coming year	clearnma, cmantime, cgethelp, cintfac
<i>Perceived Academic Preparation</i> (<i>PER_PREP</i>)	Student perception of their academic preparation	fySGwrite, fySGspeak, fySGthink, fySGanalyze, fySGothers, cgncompt13, cgninq
<i>Importance of Campus Environment</i> (<i>IMP_CAMP</i>)	Student-rated importance that the institution provides a challenging and supportive environment	fyacadexp, fySEacad, fySEdiv, fySEnacad, fySEsoc, fySEact, fySEserv

- a. First generation is defined as no parent or guardian having graduated with a 4-year college degree.
- b. Please refer to BCSSE Scale Descriptions for items included in the scale.
- c. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- d. Statistical comparison uses z -test to compare the percentage who selected each item against those who did not.