
BCSSE 2019

Transfer Student Summary Report

Grand

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.

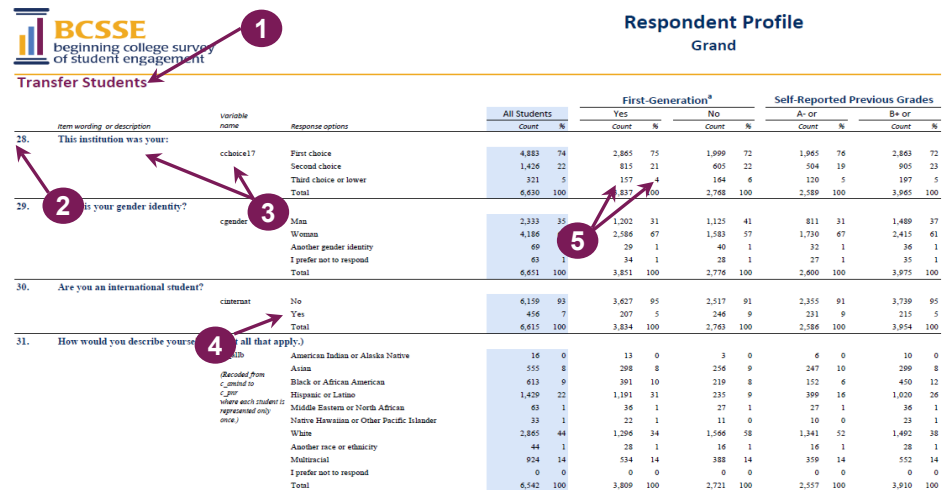
BCSSE 2019
Transfer Student Respondent Profile
Grand

Respondent Profile

About This Report

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

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

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	%
28. This institution was your:	cchoice1?	First choice Second choice Third choice or lower Total	4,883 1,426 321 6,630	74 22 5 100	2,865 815 157 3,837	75 21 4 100	1,899 605 164 2,768	72 22 6 100	1,965 504 120 2,589	76 19 5 100	2,863 904 197 3,965	72 23 5 100
29. Is your gender identity?	gender	Man Woman Another gender identity I prefer not to respond Total	2,333 4,186 69 63 6,651	35 63 1 1 100	1,202 2,086 29 34 3,851	31 67 1 1 100	1,125 1,583 40 28 2,776	41 57 1 1 100	811 1,730 32 27 2,600	31 67 1 1 100	1,489 2,415 36 35 3,975	37 61 1 1 100
30. Are you an international student?	internat	No Yes Total	6,159 456 6,615	93 7 100	3,627 207 3,834	95 5 100	2,517 246 2,763	91 9 100	2,310 231 2,586	91 9 100	3,739 215 3,954	95 5 100
31. How would you describe yourself? (all that apply.)	race	American Indian or Alaska Native Asian Black or African American Hispanic or Latino Middle Eastern or North African Native Hawaiian or Other Pacific Islander White Another race or ethnicity Multiracial I prefer not to respond Total	16 555 613 1,429 63 33 2,865 44 924 0 6,542	0 8 9 22 1 1 44 14 0 100	13 298 391 1,191 36 22 1,296 28 534 0 3,809	0 8 10 31 1 1 34 1 14 0 100	3 256 219 231 27 11 1,566 16 388 0 2,721	0 9 8 9 1 0 58 1 14 0 100	6 247 152 399 27 10 1,341 16 356 0 2,557	0 10 6 16 1 0 52 1 14 0 100	10 299 450 1,020 36 23 1,492 28 552 0 3,910	0 8 12 26 1 1 38 1 14 0 100

Respondent Profile

Grand

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	3,420	47	2,065	54	1,074	39	1,103	40	2,269	52	
		2016	1,379	19	717	19	545	20	514	18	839	19	
		2017	1,620	22	761	20	721	26	749	27	850	20	
		2018	812	11	311	8	439	16	421	15	383	9	
		2019	0	0	0	0	0	0	0	0	0	0	
		Total	7,231	100	3,854	100	2,779	100	2,787	100	4,341	100	
W1. Since graduating from high school, which of the following have you done? (Select all that apply.)													
	tattend	Attend another college or university	7,211	100	3,844	100	2,774	100	2,787	100	4,342	100	
	tmilitary	Military service	211	3	130	3	69	2	113	4	92	2	
	twork_ft	Work full-time	2,648	37	1,563	41	875	31	949	34	1,665	38	
	twork_pt	Work part-time	3,599	50	1,906	49	1,406	51	1,413	51	2,149	49	
	thome	Homemaker or stay at home spouse	347	5	242	6	82	3	173	6	171	4	
	tvolunteer	Volunteer	1,220	17	638	17	487	18	568	20	638	15	
	tsinceoth	Other	112	2	49	1	53	2	48	2	64	1	
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	361	5	230	6	97	4	147	5	208	5	
	tattend_com	Community or junior college	5,652	80	3,241	86	1,935	72	2,134	78	3,474	82	
	tattend_col	4-year college or university other than this one	2,177	31	901	24	1,112	41	862	32	1,278	30	
	tattend_other	Other	120	2	55	1	58	2	48	2	67	2	
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	927	13	370	10	482	17	359	13	548	13	
		31-45	746	10	326	8	365	13	297	11	442	10	
		46-60	1,910	26	1,036	27	691	25	670	24	1,215	28	
		More than 60	3,628	50	2,112	55	1,236	45	1,461	52	2,137	49	
		Total	7,211	100	3,844	100	2,774	100	2,787	100	4,342	100	

Respondent Profile

Grand

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	%
WT4. What were most of your grades at the other institution(s) you attended?	tgrades	C- or lower	13	0	6	0	7	0	0	0	13	0
		C	150	2	88	2	50	2	0	0	150	3
		C+	356	5	207	5	115	4	0	0	356	8
		B-	462	6	260	7	166	6	0	0	462	11
		B	1,819	25	1,054	28	607	22	0	0	1,819	42
		B+	1,542	22	837	22	568	21	0	0	1,542	36
		A-	925	13	432	11	422	15	925	33	0	0
		A	1,862	26	926	24	815	30	1,862	67	0	0
		Grades not used	29	0	15	0	11	0	0	0	0	0
		Total	7,158	100	3,825	100	2,761	100	2,787	100	4,342	100
WT6. What is the most recent year you were enrolled at other institution?	tattendyr	2019	5,184	73	2,784	73	2,023	73	2,124	77	3,036	71
		2018	1,156	16	628	16	432	16	385	14	757	18
		2017	274	4	140	4	111	4	103	4	168	4
		2016	154	2	78	2	66	2	54	2	98	2
		2015	98	1	54	1	33	1	29	1	68	2
		2014	79	1	49	1	28	1	20	1	56	1
		Prior to 2014	184	3	98	3	73	3	59	2	119	3
		Total	7,129	100	3,831	100	2,766	100	2,774	100	4,302	100
WT7. Will you continue attending this other institution during the coming school year?	tcontin	No	4,336	83	2,294	82	1,761	87	1,795	84	2,520	83
		Yes	504	10	286	10	154	8	194	9	309	10
		Not sure	360	7	213	8	114	6	140	7	217	7
		Total	5,200	100	2,793	100	2,029	100	2,129	100	3,046	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	2,457	57	1,450	63	846	48	1,062	60	1,385	55
	tplanned	Always planned on transferring	2,185	51	1,130	49	920	53	882	50	1,296	52
	texpense	Too expensive	237	5	109	5	108	6	102	6	135	5
	tnomajor	Did not offer the major you are interested in	342	8	132	6	189	11	162	9	180	7
	tinconven	Inconvenient course scheduling	72	2	32	1	34	2	31	2	41	2
	ttoofar	Too far from where you lived	249	6	108	5	125	7	111	6	136	5
	tfamperinfl	Family or personal relationship	143	3	64	3	67	4	65	4	76	3
	tqacad	Quality of academic programs	287	7	118	5	152	9	130	7	154	6
	tacaddiff	Academic difficulty	60	1	19	1	31	2	15	1	45	2
	tdissatis	Personal dissatisfaction	441	10	160	7	256	15	185	10	255	10
	treasnoth	Other	139	3	59	3	75	4	65	4	71	3
WTD10. How many more years do you expect it will take to complete your bachelor's degree?												
	tyrscmpl	1 year	337	5	166	4	143	5	115	4	216	5
		2 years	4,606	65	2,666	69	1,627	59	1,711	62	2,846	67
		3 years	1,640	23	810	21	737	27	717	26	909	21
		4 years or longer	462	7	189	5	241	9	189	7	264	6
		Do not plan to complete a bachelor's degree	47	1	13	0	28	1	22	1	25	1
	Total		7,092	100	3,844	100	2,776	100	2,754	100	4,260	100
WTD11. Will you take at least one course from another college or university while attending this institution?												
	tanthinst	No	4,020	57	2,214	58	1,527	55	1,569	57	2,402	57
		Yes	605	9	317	8	229	8	210	8	387	9
		Not sure	2,442	35	1,302	34	1,012	37	967	35	1,455	34
		Total		7,067	100	3,833	100	2,768	100	2,746	100	4,244

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	3,524	53	1,663	44	1,829	66	1,428	55	2,048	52
		Not using	2,443	37	1,728	45	690	25	943	36	1,478	37
		Not sure	660	10	412	11	236	9	215	8	438	11
		Total	6,627	100	3,803	100	2,755	100	2,586	100	3,964	100
Loans	cloans	Using	2,974	45	1,714	45	1,232	45	1,091	42	1,854	47
		Not using	2,688	41	1,519	40	1,146	42	1,178	46	1,472	37
		Not sure	939	14	571	15	353	13	306	12	624	16
		Total	6,601	100	3,804	100	2,731	100	2,575	100	3,950	100
Grants or scholarships	cgrants	Using	4,232	64	2,600	68	1,591	58	1,823	71	2,373	60
		Not using	1,348	20	655	17	677	25	438	17	883	22
		Not sure	1,023	15	550	14	463	17	321	12	688	17
		Total	6,603	100	3,805	100	2,731	100	2,582	100	3,944	100
Employment on- or off-campus	cjob	Using	4,038	61	2,446	64	1,553	57	1,553	60	2,441	62
		Not using	1,459	22	758	20	686	25	593	23	846	21
		Not sure	1,115	17	605	16	497	18	437	17	666	17
		Total	6,612	100	3,809	100	2,736	100	2,583	100	3,953	100
Personal savings or other sources	cpersonal	Using	4,230	64	2,436	64	1,757	64	1,682	65	2,510	63
		Not using	1,523	23	874	23	632	23	578	22	918	23
		Not sure	876	13	507	13	357	13	330	13	534	13
		Total	6,629	100	3,817	100	2,746	100	2,590	100	3,962	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	16	0	11	0	5	0	2	0	13	0
		C+	35	1	23	1	12	0	4	0	31	1
		B-	125	2	93	2	28	1	11	0	113	3
		B	1,000	15	600	16	388	14	118	5	869	22
		B+	1,630	24	995	26	625	23	307	12	1,306	33
		A-	1,585	24	833	22	738	27	822	32	750	19
		A	2,287	34	1,290	34	978	35	1,342	51	917	23
		Grades not used	5	0	1	0	3	0	1	0	2	0
		Total	6,683	100	3,846	100	2,777	100	2,607	100	4,001	100

Respondent Profile Grand

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	47	1	20	1	24	1	14	1	31	1
		Yes	6,466	97	3,745	97	2,670	96	2,536	97	3,860	97
		Uncertain	165	2	83	2	79	3	59	2	101	3
		Total	6,678	100	3,848	100	2,773	100	2,609	100	3,992	100
25. Do you know what your major will be?	cmajor	No	300	4	138	4	155	6	111	4	183	5
		Yes, specify	6,392	96	3,715	96	2,625	94	2,502	96	3,819	95
		Total	6,692	100	3,853	100	2,780	100	2,613	100	4,002	100
<i>(Recorded variable cmajcode into one of 12 major categories listed at right.)</i>	cmajrcol	Arts & Humanities	592	9	306	8	283	11	282	11	302	8
		Biological Sci., Agriculture, & Natural Resources	530	8	276	7	253	10	211	8	316	8
		Physical Sci., Mathematics, & Computer Science	301	5	160	4	141	5	117	5	181	5
		Social Sciences	1,104	17	731	20	360	14	389	16	707	19
		Business	1,092	17	611	16	474	18	418	17	654	17
		Communications, Media, & Public Relations	281	4	143	4	136	5	108	4	172	5
		Education	428	7	256	7	168	6	180	7	247	6
		Engineering	230	4	109	3	118	4	107	4	121	3
		Health Professions	777	12	428	12	345	13	323	13	446	12
		Social Service Professions	618	10	439	12	175	7	203	8	405	11
		All Other	412	6	247	7	162	6	152	6	254	7
		Undecided, Undeclared	15	0	4	0	9	0	8	0	6	0
		Total	6,380	100	3,710	100	2,624	100	2,498	100	3,811	100
26. Are you (or will you be) a full-time student at this institution?	cfulltime18	No	339	5	203	5	134	5	111	4	222	6
		Yes	6,307	95	3,639	95	2,638	95	2,488	96	3,749	94
		Total	6,646	100	3,842	100	2,772	100	2,599	100	3,971	100
27. How many of your close friends will attend this college during the coming year?	cfriends	None	3,669	55	2,076	54	1,580	57	1,435	55	2,184	55
		1	1,157	17	685	18	464	17	441	17	706	18
		2	760	11	475	12	281	10	313	12	441	11
		3	364	5	216	6	147	5	138	5	224	6
		4 or more	677	10	383	10	294	11	262	10	406	10
		Total	6,627	100	3,835	100	2,766	100	2,589	100	3,961	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	4,883	74	2,865	75	1,999	72	1,965	76	2,863	72
		Second choice	1,426	22	815	21	605	22	504	19	905	23
		Third choice or lower	321	5	157	4	164	6	120	5	197	5
		Total	6,630	100	3,837	100	2,768	100	2,589	100	3,965	100
29. What is your gender identity?	cgender	Man	2,333	35	1,202	31	1,125	41	811	31	1,489	37
		Woman	4,186	63	2,586	67	1,583	57	1,730	67	2,415	61
		Another gender identity	69	1	29	1	40	1	32	1	36	1
		I prefer not to respond	63	1	34	1	28	1	27	1	35	1
		Total	6,651	100	3,851	100	2,776	100	2,600	100	3,975	100
30. Are you an international student?	cinternat	No	6,159	93	3,627	95	2,517	91	2,355	91	3,739	95
		Yes	456	7	207	5	246	9	231	9	215	5
		Total	6,615	100	3,834	100	2,763	100	2,586	100	3,954	100
31. How would you describe yourself? (Select all that apply.)	re_allb	American Indian or Alaska Native	16	0	13	0	3	0	6	0	10	0
		Asian	555	8	298	8	256	9	247	10	299	8
	(Recoded from c_aminid to c_pnr where each student is represented only once.)	Black or African American	613	9	391	10	219	8	152	6	450	12
		Hispanic or Latino	1,429	22	1,191	31	235	9	399	16	1,020	26
		Middle Eastern or North African	63	1	36	1	27	1	27	1	36	1
		Native Hawaiian or Other Pacific Islander	33	1	22	1	11	0	10	0	23	1
		White	2,865	44	1,296	34	1,566	58	1,341	52	1,492	38
		Another race or ethnicity	44	1	28	1	16	1	16	1	28	1
		Multiracial	924	14	534	14	388	14	359	14	552	14
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	6,542	100	3,809	100	2,721	100	2,557	100	3,910	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	%	
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	793	12	793	21	0	0	232	9	556	14	
		High school diploma or G.E.D.	1,367	21	1,367	36	0	0	475	19	870	22	
		Attended college, but did not complete degree	913	14	913	24	0	0	336	13	568	15	
		Associate's degree (A.A., A.S., etc.)	744	11	744	19	0	0	305	12	430	11	
		Bachelor's degree (B.A., B.S., etc.)	1,618	25	0	0	1,618	59	690	27	913	23	
		Master's degree (M.A., M.S., etc.)	888	14	0	0	888	33	418	16	460	12	
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	221	3	0	0	221	8	102	4	114	3	
		Total	6,544	100	3,817	100	2,727	100	2,558	100	3,911	100	
First-generation status (Neither parent holds a bachelor's degree. Recoded from cpardegr18.)	bfirstgen	First-generation	3,856	58	3,856	100	0	0	1,358	52	2,452	62	
		Not first-generation	2,780	42	0	0	2,780	100	1,237	48	1,513	38	
		Total	6,636	100	3,856	100	2,780	100	2,595	100	3,965	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)	1,378	21	637	17	738	27	582	22	777	20	
		Fraternity or sorority house	20	0	11	0	9	0	6	0	14	0	
		House, apartment, or other residence within walking distance to campus	793	12	402	10	391	14	334	13	448	11	
		House, apartment, or other residence farther than walk. dist. to campus	4,262	64	2,674	70	1,582	57	1,605	62	2,613	66	
		Not applicable: No campus, entirely online program, etc.	140	2	90	2	49	2	53	2	85	2	
		Not applicable: Homeless or in transition	30	0	24	1	6	0	10	0	20	1	
		Total	6,623	100	3,838	100	2,775	100	2,590	100	3,957	100	

BCSSE 2019

Transfer Student Frequencies and Statistical Comparisons

Grand

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

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

Frequencies and Statistical Comparisons
Grand

Transfer Students

Item wording or description	Item #	Response options	All Students		Frequency Distributions				Statistical Comparisons								
			Count	Mean	First-Generation		Self-Reported Previous Grades		First-Generation		Self-Reported Previous Grades						
					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	
WT12. 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	d.Sreading	1 Never	44	1	17	0	19	1	10	0	32	1					
		2 Sometimes	987	14	517	14	378	14	302	11	682	16					
		3 Often	3,095	33	1,656	44	1,189	43	1,038	37	2,035	47	3.3	3.3	.01	3.4	3.2 *** .30
		4 Very often	981	42	1,625	42	1,172	42	1,420	51	1,538	36					
		Total	7,118	100	3,825	100	2,758	100	2,770	100	4,297	100					
b. Reviewed your notes after class	d.Snotes	1 Never	149	2	67	2	71	3	50	2	94	2					
		2 Sometimes	1,574	22	790	21	638	23	487	18	1,082	25					
		3 Often	2,697	38	1,463	38	1,046	38	989	36	1,688	39	3.2	3.1 *** .09	3.2	3.2	*** .24
		4 Very often	2,696	38	1,501	39	1,003	36	1,240	45	1,435	33					
		Total	7,116	100	3,815	100	2,758	100	2,766	100	4,299	100					
c. Summarized what you learned in class or from course materials	d.Ssummary	1 Never	197	3	85	2	77	3	68	2	128	3					
		2 Sometimes	1,650	23	808	24	613	22	500	18	1,139	27					
		3 Often	2,879	41	1,523	40	1,135	41	1,047	38	1,816	42	3.0	3.1	-.01	3.2	3.0 *** .28
		4 Very often	2,366	33	1,287	34	914	33	1,141	41	1,203	28					
		Total	7,092	100	3,815	100	2,739	100	2,756	100	4,286	100					
WTD9. How important were the following reasons for choosing this institution?																	
a. Affordability	afford	1 Not important	336	5	152	4	162	6	126	5	202	5					
		2	253	4	90	2	148	5	119	4	133	3					
		3	707	10	340	9	316	11	260	9	437	10					
		4	1,152	16	531	14	536	19	442	16	699	16	5.0	4.6 *** .30	4.8	4.8	-.01
		5	1,289	18	641	17	565	20	503	18	772	18					
		6 Very important	3,382	48	2,093	54	1,048	38	1,308	47	2,039	48					
		Total	7,119	100	3,847	100	2,775	100	2,758	100	4,282	100					
b. Location	near	1 Not important	268	4	141	4	113	4	100	4	160	4					
		2	189	3	91	2	93	3	79	3	108	3					
		3	563	8	268	7	261	9	201	7	357	8					
		4	1,171	17	596	16	485	18	420	15	745	18	5.0	4.8 *** .15	5.0	4.9	.03
		5	1,471	21	746	20	635	23	610	22	847	20					
		6 Very important	3,409	48	1,972	52	1,175	43	1,331	49	2,035	48					
		Total	7,071	100	3,814	100	2,762	100	2,741	100	4,252	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 large 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

Grand

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
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	44	1	17	0	19	1	10	0	32	1									
		2	Sometimes	997	14	517	14	378	14	302	11	692	16									
		3	Often	3,096	43	3.3	1,666	44	1,189	43	1,038	37	2,035	47	3.3	3.3	.01	3.4	3.2	***	.30	
		4	Very often	2,981	42	1,625	42	1,172	42	1,420	51	1,538	36									
		Total		7,118	100	3,825	100	2,758	100	2,770	100	4,297	100									
b. Reviewed your notes after class	tLSnotes	1	Never	149	2	67	2	71	3	50	2	94	2									
		2	Sometimes	1,574	22	790	21	638	23	487	18	1,082	25									
		3	Often	2,697	38	3.1	1,463	38	1,046	38	989	36	1,688	39	3.2	3.1	***	.09	3.2	3.0	***	.24
		4	Very often	2,696	38	1,501	39	1,003	36	1,240	45	1,435	33									
		Total		7,116	100	3,821	100	2,758	100	2,766	100	4,299	100									
c. Summarized what you learned in class or from course materials	tLSsummary	1	Never	197	3	97	3	77	3	68	2	128	3									
		2	Sometimes	1,650	23	908	24	613	22	500	18	1,139	27									
		3	Often	2,879	41	3.0	1,523	40	1,135	41	1,047	38	1,816	42	3.0	3.1	-.01	3.2	3.0	***	.28	
		4	Very often	2,366	33	1,287	34	914	33	1,141	41	1,203	28									
		Total		7,092	100	3,815	100	2,739	100	2,756	100	4,286	100									
WTD9. How important were the following reasons for choosing this institution?																						
a. Affordability	tafford	1	Not important	336	5	152	4	162	6	126	5	202	5									
		2		253	4	90	2	148	5	119	4	133	3									
		3		707	10	340	9	316	11	260	9	437	10									
		4		1,152	16	4.8	531	14	536	19	442	16	699	16	5.0	4.6	***	.30	4.8	4.8		-.01
		5		1,289	18	641	17	565	20	503	18	772	18									
		6	Very important	3,382	48	2,093	54	1,048	38	1,308	47	2,039	48									
Total		7,119	100	3,847	100	2,775	100	2,758	100	4,282	100											
b. Location	tnear	1	Not important	268	4	141	4	113	4	100	4	160	4									
		2		189	3	91	2	93	3	79	3	108	3									
		3		563	8	268	7	261	9	201	7	357	8									
		4		1,171	17	4.9	596	16	485	18	420	15	745	18	5.0	4.8	***	.15	5.0	4.9		.03
		5		1,471	21	746	20	635	23	610	22	847	20									
		6	Very important	3,409	48	1,972	52	1,175	43	1,331	49	2,035	48									
Total		7,071	100	3,814	100	2,762	100	2,741	100	4,252	100											

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

Frequencies and Statistical Comparisons

Grand

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	%	ES
c. You can transfer most or all of your credits	ttrnsfr	1	Not important	111	2	46	1	59	2	44	2	60	1	5.4	5.2 ***	.22	5.3	5.3	.03
		2		92	1	32	1	55	2	47	2	44	1						
		3		322	5	135	4	172	6	111	4	207	5						
		4		754	11	363	9	328	12	265	10	482	11						
		5		1,377	19	709	18	575	21	528	19	841	20						
		6	Very important	4,442	63	2,553	67	1,580	57	1,759	64	2,632	62						
		Total		7,098	100	3,838	100	2,769	100	2,754	100	4,266	100						
d. Offers the major(s) you are interested in	toffermjr	1	Not important	57	1	27	1	25	1	23	1	32	1	5.6	5.5 ***	.11	5.6	5.6	* .06
		2		47	1	19	0	25	1	15	1	32	1						
		3		160	2	74	2	79	3	57	2	100	2						
		4		487	7	252	7	212	8	168	6	311	7						
		5		1,131	16	575	15	479	17	414	15	705	17						
		6	Very important	5,209	73	2,891	75	1,950	70	2,075	75	3,081	72						
		Total		7,091	100	3,838	100	2,770	100	2,752	100	4,261	100						
e. Quality of academic programs	tqualacad	1	Not important	42	1	21	1	18	1	16	1	25	1	5.4	5.3 **	.08	5.4	5.3	*** .08
		2		57	1	25	1	30	1	22	1	34	1						
		3		262	4	139	4	111	4	94	3	161	4						
		4		811	11	429	11	328	12	261	9	537	13						
		5		1,794	25	929	24	748	27	694	25	1,091	26						
		6	Very important	4,124	58	2,295	60	1,535	55	1,664	60	2,415	57						
		Total		7,090	100	3,838	100	2,770	100	2,751	100	4,263	100						
f. You can finish your degree quickly	tfinish	1	Not important	171	2	73	2	85	3	70	3	99	2	5.0	4.6 ***	.27	4.8	4.9	** -.07
		2		208	3	83	2	112	4	90	3	115	3						
		3		655	9	290	8	318	11	269	10	379	9						
		4		1,427	20	706	18	627	23	576	21	840	20						
		5		1,642	23	876	23	660	24	649	24	976	23						
		6	Very important	2,989	42	1,815	47	966	35	1,098	40	1,856	44						
		Total		7,092	100	3,843	100	2,768	100	2,752	100	4,265	100						
g. Flexible scheduling of courses	tflex	1	Not important	118	2	49	1	57	2	53	2	64	2	5.2	4.8 ***	.26	4.9	5.1	*** -.13
		2		151	2	62	2	79	3	75	3	73	2						
		3		555	8	249	6	272	10	251	9	297	7						
		4		1,232	17	582	15	567	20	503	18	721	17						
		5		1,595	22	850	22	642	23	629	23	955	22						
		6	Very important	3,438	48	2,053	53	1,153	42	1,240	45	2,151	50						
		Total		7,089	100	3,845	100	2,770	100	2,751	100	4,261	100						

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

Frequencies and Statistical Comparisons

Grand

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
h. Family or personal relationship	tfamper2	1	Not important	1,428	20		731	19	608	22	571	21	836	20								
		2		623	9		292	8	291	10	255	9	364	9								
		3		1,015	14		534	14	408	15	387	14	613	14								
		4		1,172	17	3.7	628	16	466	17	460	17	704	17	3.9	3.6 ***	.16	3.7	3.8	-.04		
		5		1,025	14		548	14	409	15	397	14	624	15								
		6	Very important	1,830	26		1,109	29	591	21	683	25	1,123	26								
	Total			7,093	100		3,842	100	2,773	100	2,753	100	4,264	100								
i. Other	timpoth	1	Not important	936	43		522	40	363	50	333	43	591	43								
		2		51	2		34	3	13	2	13	2	37	3								
		3		167	8		107	8	52	7	55	7	111	8								
		4		223	10	3.2	135	10	68	9	68	9	153	11	3.3	3.0 ***	.16	3.3	3.2	.07		
		5		181	8		114	9	53	7	67	9	113	8								
		6	Very important	608	28		379	29	183	25	241	31	359	26								
	Total			2,166	100		1,291	100	732	100	777	100	1,364	100								
WTD12. During the coming school year, which do you think will cause you stress? (Select all that apply.)^d																						
	tstrss_tra	Transitioning back to being a student		2,330	33		1,211	32	973	36	858	32	1,444	34	32%	36% **	-.08	32%	34% *	-.06		
	tstrss_bal	Balancing school and other commitments (work, family, etc)		5,387	77		3,002	79	2,045	75	2,073	77	3,267	78	79%	75% ***	.09	77%	78%	-.03		
	tstrss_bas	Not having enough money for basic needs (housing, food, and transportation)		2,738	39		1,648	43	910	33	1,024	38	1,684	40	43%	33% ***	.21	38%	40%	-.05		
	tstrss_acd	Not having enough money for college expenses (tuition, fees, books, etc.)		3,570	51		2,197	58	1,141	42	1,364	50	2,169	52	58%	42% ***	.32	50%	52%	-.03		
	tstrss_saf	Personal safety		616	9		353	9	223	8	267	10	341	8	9%	8%	.04	10%	8% *	.06		
	tstrss_perre	Personal relationship		1,254	18		560	15	600	22	532	20	704	17	15%	22% ***	-.19	20%	17% **	.08		
	tstrss_rmre	Roommate relationships		734	11		314	8	377	14	317	12	407	10	8%	14% ***	-.18	12%	10% **	.06		
	tstrss_car	Choosing a career		1,804	26		915	24	784	29	732	27	1,055	25	24%	29% ***	-.11	27%	25%	.04		
	tstrss_com	Commuting to campus		1,761	25		980	26	667	24	717	27	1,024	24	26%	24%	.03	26%	24%	.05		
	tstrss_oth	Other		289	4		154	4	124	5	118	4	168	4	4%	5%	-.02	4%	4%	.02		

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

Frequencies and Statistical Comparisons

Grand

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
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	3,809	54	1,828	48	1,748	63	1,568	57	2,198	52							
		3	1-5	1,149	16	642	17	444	16	439	16	700	17							
		8	6-10	579	8	337	9	209	8	188	7	381	9							
		13	11-15	348	5	223	6	107	4	109	4	236	6							
		18	16-20	348	5	234	6	87	3	103	4	243	6	7.6	4.0 ***	.37	5.9	6.4	-.05	
		23	21-25	145	2	90	2	37	1	58	2	85	2							
		28	26-30	103	1	68	2	24	1	36	1	66	2							
		33	More than 30	556	8	407	11	109	4	233	9	318	8							
			Total	7,037	100	3,829	100	2,765	100	2,734	100	4,227	100							
b. Commuting to campus (driving, walking, etc.)	tcommutehrs	0	0	909	13	417	11	427	15	382	14	508	12							
		3	1-5	3,109	44	1,632	43	1,291	47	1,247	46	1,842	43							
		8	6-10	1,654	23	938	24	621	22	652	24	986	23							
		13	11-15	603	9	372	10	204	7	229	8	366	9							
		18	16-20	401	6	241	6	134	5	117	4	276	7	7.4	6.0 ***	.20	6.3	7.2	*** -.13	
		23	21-25	147	2	90	2	37	1	35	1	110	3							
		28	26-30	84	1	52	1	21	1	28	1	55	1							
		33	More than 30	143	2	94	2	37	1	46	2	94	2							
			Total	7,050	100	3,836	100	2,772	100	2,736	100	4,237	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	7	0	5	0	1	0	0	0	7	0							
		3	1-5	334	5	192	5	126	5	111	4	219	5							
		8	6-10	1,296	19	714	19	513	19	473	17	812	19							
		13	11-15	1,514	22	795	21	627	23	548	20	944	23							
		18	16-20	1,674	24	889	23	694	25	642	24	1,010	24	17.3	16.9 *	.05	17.9	16.7	*** .15	
		23	21-25	981	14	559	15	382	14	408	15	564	13							
		28	26-30	554	8	311	8	211	8	231	9	317	8							
		33	More than 30	612	9	375	10	212	8	292	11	312	7							
		Total	6,972	100	3,840	100	2,766	100	2,705	100	4,185	100								

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

Frequencies and Statistical Comparisons

Grand

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. Working for pay on- or off-campus	eworkhrs <i>(Recoded version of eworkhrs created by BCSSE. Values are estimated number of hours)</i>	0	0	1,063	15			510	13	497	18	457	17	588	14						
		3	1-5	367	5			175	5	172	6	142	5	222	5						
		8	6-10	711	10			361	9	319	12	300	11	399	10						
		13	11-15	825	12			409	11	376	14	359	13	460	11						
		18	16-20	1,395	20	16.7		767	20	558	20	544	20	840	20	17.9	15.0 ***	.27	15.8	17.3 ***	-.14
		23	21-25	874	13			493	13	327	12	301	11	564	14						
		28	26-30	599	9			367	10	197	7	217	8	377	9						
		33	More than 30	1,093	16			732	19	307	11	364	14	712	17						
	Total			6,927	100			3,814	100	2,753	100	2,684	100	4,162	100						
c. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	ccocurrhrs <i>(Recoded version of ccocurrhrs created by BCSSE. Values are estimated number of hours)</i>	0	0	1,548	22			955	25	503	18	566	21	963	23						
		3	1-5	2,485	36			1,364	36	1,014	37	1,000	37	1,469	35						
		8	6-10	1,422	20			725	19	622	23	544	20	855	21						
		13	11-15	704	10			376	10	284	10	294	11	398	10						
		18	16-20	493	7	6.5		267	7	210	8	180	7	306	7	6.1	6.9 ***	-.11	6.4	6.4	.00
		23	21-25	135	2			61	2	61	2	51	2	84	2						
		28	26-30	64	1			30	1	29	1	29	1	33	1						
		33	More than 30	93	1			51	1	37	1	29	1	61	1						
	Total			6,944	100			3,829	100	2,760	100	2,693	100	4,169	100						
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	csocial13hrs <i>(Recoded version of csocial13hrs created by BCSSE. Values are estimated number of hours)</i>	0	0	199	3			147	4	39	1	63	2	133	3						
		3	1-5	2,237	32			1,411	37	718	26	835	31	1,381	33						
		8	6-10	2,247	32			1,211	32	923	33	883	33	1,339	32						
		13	11-15	1,242	18			569	15	607	22	545	20	680	16						
		18	16-20	658	9	9.0		323	8	306	11	250	9	399	10	8.3	10.0 ***	-.26	9.0	9.0	.01
		23	21-25	188	3			76	2	99	4	69	3	117	3						
		28	26-30	54	1			27	1	23	1	13	0	39	1						
		33	More than 30	125	2			67	2	54	2	38	1	85	2						
	Total			6,950	100			3,831	100	2,769	100	2,696	100	4,173	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	159	2			74	2	75	3	78	3	77	2						
		2	Some	1,613	23			775	20	751	27	639	24	958	23						
		3	About half	2,513	36	3.2		1,372	36	1,021	37	987	37	1,492	36	3.3	3.1 ***	.23	3.1	3.2 *	-.06
		4	Most	2,046	30			1,221	32	740	27	760	28	1,264	31						
		5	Almost all	571	8			375	10	162	6	214	8	351	8						
			Total			6,902	100			3,817	100	2,749	100	2,678	100	4,142	100				

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

Frequencies and Statistical Comparisons

Grand

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
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	368	5		206	5	138	5	190	7	173	4								
		2	Sometimes	3,659	53		2,012	52	1,486	54	1,534	57	2,088	50								
		3	Often	2,067	30	2.5	1,120	29	845	31	692	26	1,346	32	2.5	2.5	.04	2.4	2.5	***	-.20	
		4	Very often	839	12		503	13	299	11	277	10	553	13								
		Total		6,933	100		3,841	100	2,768	100	2,693	100	4,160	100								
b. Explain course material to one or more students	cCLxplain	1	Never	213	3		121	3	69	2	75	3	135	3								
		2	Sometimes	3,574	52		1,986	52	1,424	52	1,328	49	2,204	53								
		3	Often	2,371	34	2.5	1,293	34	972	35	953	35	1,388	33	2.5	2.5	-.02	2.6	2.5	***	.09	
		4	Very often	762	11		433	11	299	11	330	12	426	10								
		Total		6,920	100		3,833	100	2,764	100	2,686	100	4,153	100								
c. Prepare for exams by discussing or working through course material with other students	cCLstudy	1	Never	303	4		162	4	119	4	148	6	150	4								
		2	Sometimes	2,503	36		1,359	35	1,026	37	1,038	39	1,441	35								
		3	Often	2,737	40	2.8	1,515	39	1,096	40	992	37	1,709	41	2.8	2.7	.05	2.7	2.8	***	-.11	
		4	Very often	1,383	20		807	21	525	19	511	19	855	21								
		Total		6,926	100		3,843	100	2,766	100	2,689	100	4,155	100								
d. Work with other students on course projects or assignments	cCLprojct	1	Never	183	3		117	3	53	2	91	3	89	2								
		2	Sometimes	2,644	38		1,438	37	1,076	39	1,087	40	1,526	37								
		3	Often	2,834	41	2.7	1,554	40	1,159	42	1,048	39	1,756	42	2.8	2.7	.01	2.7	2.8	***	-.10	
		4	Very often	1,256	18		732	19	474	17	461	17	778	19								
		Total		6,917	100		3,841	100	2,762	100	2,687	100	4,149	100								
e. Talk about career plans with a faculty member	cSFcareer	1	Never	236	3		120	3	105	4	96	4	134	3								
		2	Sometimes	2,789	40		1,510	39	1,161	42	1,093	41	1,663	40								
		3	Often	2,598	38	2.7	1,426	37	1,043	38	997	37	1,571	38	2.7	2.7	***	.10	2.7	2.7	-.02	
		4	Very often	1,284	19		776	20	457	17	493	18	779	19								
		Total		6,907	100		3,832	100	2,766	100	2,679	100	4,147	100								
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	cSFothrwrk	1	Never	931	13		506	13	382	14	396	15	529	13								
		2	Sometimes	3,431	50		1,898	49	1,397	51	1,340	50	2,050	50								
		3	Often	1,833	27	2.3	998	26	744	27	692	26	1,117	27	2.4	2.3	*	.06	2.3	2.4	**	-.07
		4	Very often	704	10		433	11	239	9	251	9	443	11								
		Total		6,899	100		3,835	100	2,762	100	2,679	100	4,139	100								

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

Frequencies and Statistical Comparisons

Grand

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	%	Count	%
g Discuss your academic performance with a faculty member	cSFprform	1	Never	230	3	2.7	112	3	106	4	94	4	132	3	2.7	2.6 ***	.13	2.7	2.7	**	-.08							
		2	Sometimes	2,875	42		1,540	40	1,218	44	1,176	44	1,666	40														
		3	Often	2,601	38		1,454	38	1,027	37	973	36	1,598	39														
		4	Very often	1,200	17		736	19	416	15	436	16	750	18														
		Total		6,906	100		3,842	100	2,767	100	2,679	100	4,146	100														
h Discuss course topics, ideas, or concepts with a faculty member outside of class	cSFdiscuss	1	Never	561	8	2.5	332	9	206	7	229	9	326	8	2.5	2.5	.00	2.5	2.5	-	.03							
		2	Sometimes	3,333	48		1,834	48	1,366	49	1,307	49	1,993	48														
		3	Often	2,173	32		1,195	31	883	32	826	31	1,314	32														
		4	Very often	818	12		473	12	310	11	313	12	496	12														
		Total		6,885	100		3,834	100	2,765	100	2,675	100	4,129	100														
i Prepare two or more drafts of a paper or assignment before turning it in	cdrafting	1	Never	428	6	2.7	223	6	184	7	163	6	259	6	2.7	2.6 ***	.12	2.7	2.7	*	.05							
		2	Sometimes	2,570	37		1,354	35	1,105	40	987	37	1,561	38														
		3	Often	2,709	39		1,541	40	1,052	38	1,018	38	1,651	40														
		4	Very often	1,181	17		724	19	421	15	509	19	659	16														
		Total		6,888	100		3,842	100	2,762	100	2,677	100	4,130	100														
j Come to class without completing readings or assignments	cunprepard	1	Never	4,334	63	1.5	2,512	65	1,671	60	1,805	67	2,487	60	1.5	1.5	-.04	1.4	1.5	***	-.15							
		2	Sometimes	1,885	27		950	25	849	31	663	25	1,197	29														
		3	Often	411	6		220	6	158	6	123	5	278	7														
		4	Very often	261	4		160	4	89	3	86	3	171	4														
		Total		6,891	100		3,842	100	2,767	100	2,677	100	4,133	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	144	2	3.2	101	3	38	1	49	2	92	2	3.2	3.2 *	-.06	3.3	3.2	***	.08							
		2	Sometimes	1,118	16		640	17	423	15	399	15	707	17														
		3	Often	2,698	39		1,475	38	1,117	40	1,031	39	1,637	40														
		4	Very often	2,894	42		1,621	42	1,187	43	1,180	44	1,679	41														
		Total		6,854	100		3,837	100	2,765	100	2,659	100	4,115	100														
b. People from an economic background other than your own	cDVeconomic	1	Never	130	2	3.2	87	2	38	1	44	2	85	2	3.2	3.2 **	-.07	3.2	3.2	***	.08							
		2	Sometimes	1,164	17		696	18	411	15	419	16	730	18														
		3	Often	2,832	41		1,526	40	1,197	43	1,081	41	1,720	42														
		4	Very often	2,719	40		1,524	40	1,118	40	1,113	42	1,573	38														
		Total		6,845	100		3,833	100	2,764	100	2,657	100	4,108	100														

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

Frequencies and Statistical Comparisons

Grand

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
c. People with religious beliefs other than your own	cDVreligion	1	Never	184	3			134	3	46	2	61	2	122	3							
		2	Sometimes	1,327	19			766	20	499	18	469	18	841	20							
		3	Often	2,678	39	3.1		1,437	37	1,138	41	1,028	39	1,622	39	3.1	3.2 **	-.07	3.2	3.1	***	.10
		4	Very often	2,661	39			1,501	39	1,081	39	1,099	41	1,528	37							
		Total		6,850	100			3,838	100	2,764	100	2,657	100	4,113	100							
d. People with political views other than your own	cDVpolitical	1	Never	238	3			166	4	62	2	75	3	161	4							
		2	Sometimes	1,678	25			921	24	684	25	617	23	1,043	25							
		3	Often	2,586	38	3.0		1,406	37	1,086	39	993	37	1,558	38	3.0	3.0	-.03	3.1	3.0	***	.10
		4	Very often	2,343	34			1,342	35	932	34	971	37	1,347	33							
		Total		6,845	100			3,835	100	2,764	100	2,656	100	4,109	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	113	2			62	2	43	2	44	2	67	2							
		2		225	3			118	3	99	4	71	3	152	4							
		3		1,010	15			543	14	426	15	347	13	644	16							
		4		1,965	29	4.5		1,052	27	849	31	711	27	1,241	30	4.5	4.4 ***	.09	4.6	4.4	***	.14
		5		1,843	27			1,073	28	719	26	746	28	1,076	26							
		6	Very certain	1,681	25			999	26	631	23	736	28	922	22							
Total		6,837	100			3,847	100	2,767	100	2,655	100	4,102	100									
b. Find additional information for course assignments when you don't understand the material	cfindinfo	1	Not at all certain	41	1			27	1	10	0	12	0	29	1							
		2		88	1			45	1	38	1	30	1	57	1							
		3		538	8			263	7	252	9	182	7	348	9							
		4		1,476	22	4.9		812	21	614	22	530	20	934	23	5.0	4.9 ***	.09	5.0	4.9	***	.12
		5		2,157	32			1,181	31	905	33	849	32	1,284	31							
		6	Very certain	2,515	37			1,510	39	950	34	1,046	39	1,434	35							
Total		6,815	100			3,838	100	2,769	100	2,649	100	4,086	100									
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	1	Not at all certain	90	1			49	1	36	1	31	1	56	1							
		2		307	5			162	4	139	5	108	4	196	5							
		3		1,002	15			547	14	414	15	349	13	644	16							
		4		1,941	29	4.5		1,066	28	819	30	739	28	1,185	29	4.5	4.4 ***	.09	4.5	4.4	***	.10
		5		1,823	27			1,012	26	759	27	736	28	1,067	26							
		6	Very certain	1,638	24			1,004	26	597	22	680	26	930	23							
Total		6,801	100			3,840	100	2,764	100	2,643	100	4,078	100									

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

Frequencies and Statistical Comparisons

Grand

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	%	ES	Mean	Mean
d. Ask instructors for help when you struggle with course assignments	caskinst	1	Not at all certain	44	1			25	1	16	1	19	1	25	1						
		2		126	2			64	2	60	2	47	2	78	2						
		3		552	8			279	7	251	9	190	7	354	9						
		4		1,425	21	5.0		773	20	604	22	512	19	898	22	5.0	4.9 ***	.10	5.0	4.9 **	.08
		5		1,873	28			1,048	27	779	28	756	29	1,099	27						
		6	Very certain	2,771	41			1,650	43	1,054	38	1,117	42	1,617	40						
		Total		6,791	100			3,839	100	2,764	100	2,641	100	4,071	100						
e. Finish something you have started when you encounter challenges	cfinish	1	Not at all certain	28	0			19	0	6	0	13	0	14	0						
		2		37	1			21	1	15	1	7	0	30	1						
		3		363	5			186	5	160	6	109	4	245	6						
		4		1,357	20	5.1		759	20	544	20	432	16	912	22	5.1	5.1	.04	5.2	5.0 ***	.18
		5		2,176	32			1,185	31	940	34	869	33	1,286	32						
		6	Very certain	2,834	42			1,669	43	1,105	40	1,211	46	1,588	39						
		Total		6,795	100			3,839	100	2,770	100	2,641	100	4,075	100						
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	1	Not at all certain	102	2			57	1	41	1	37	1	63	2						
		2		218	3			105	3	107	4	95	4	119	3						
		3		741	11			388	10	333	12	294	11	440	11						
		4		1,627	24	4.7		871	23	705	25	627	24	986	24	4.8	4.6 ***	.15	4.7	4.7	-.03
		5		1,884	28			1,028	27	803	29	761	29	1,105	27						
		6	Very certain	2,228	33			1,396	36	782	28	830	31	1,364	33						
		Total		6,800	100			3,845	100	2,771	100	2,644	100	4,077	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	291	4			182	5	101	4	125	5	161	4						
		2		816	12			411	11	388	14	371	14	429	11						
		3		1,691	25			917	24	736	27	634	24	1,038	26						
		4		2,347	35	3.7		1,328	35	955	35	867	33	1,461	36	3.7	3.6 ***	.11	3.6	3.7 **	-.07
		5		1,208	18			725	19	453	16	490	19	707	17						
		6	Very difficult	424	6			278	7	132	5	150	6	265	7						
		Total		6,777	100			3,841	100	2,765	100	2,637	100	4,061	100						

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Frequencies and Statistical Comparisons

Grand

Transfer Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons								
				All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades							
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
b. Managing your time	cmantime	1	Not at all difficult	310	5		192	5	110	4	142	5	157	4								
		2		612	9		360	9	241	9	285	11	317	8								
		3		1,401	21		765	20	600	22	555	21	830	20								
		4		2,033	30	4.0	1,122	29	865	31	748	28	1,272	31	4.0	4.0	.01	3.9	4.0	***	-.11	
		5		1,512	22		863	22	600	22	579	22	911	22								
		6	Very difficult	912	13		541	14	349	13	330	13	576	14								
		Total		6,780	100		3,843	100	2,765	100	2,639	100	4,063	100								
c. Paying college or university expenses	cpaycoll	1	Not at all difficult	560	8		247	6	306	11	224	9	326	8								
		2		733	11		338	9	382	14	312	12	414	10								
		3		1,153	17		585	15	533	19	445	17	693	17								
		4		1,571	23	4.0	904	24	615	22	607	23	951	23	4.2	3.7 ***	.31	3.9	4.0		-.04	
		5		1,370	20		849	22	490	18	509	19	842	21								
		6	Very difficult	1,386	20		913	24	441	16	537	20	835	21								
		Total		6,773	100		3,836	100	2,767	100	2,634	100	4,061	100								
d. Getting help with school work	cgethelp	1	Not at all difficult	879	13		488	13	374	14	379	14	488	12								
		2		1,594	24		853	22	712	26	701	27	876	22								
		3		1,986	29		1,073	28	862	31	754	29	1,210	30								
		4		1,570	23	3.0	936	24	586	21	558	21	997	25	3.1	2.9 ***	.14	2.9	3.1	***	-.16	
		5		542	8		362	9	166	6	184	7	348	9								
		6	Very difficult	200	3		127	3	67	2	61	2	136	3								
		Total		6,771	100		3,839	100	2,767	100	2,637	100	4,055	100								
e. Making new friends	cmakefr	1	Not at all difficult	1,120	17		655	17	443	16	417	16	689	17								
		2		1,237	18		688	18	518	19	477	18	742	18								
		3		1,558	23		874	23	641	23	632	24	912	22								
		4		1,409	21	3.2	788	20	587	21	526	20	867	21	3.2	3.2	.01	3.2	3.2		.02	
		5		853	13		476	12	358	13	358	14	488	12								
		6	Very difficult	599	9		363	9	223	8	226	9	363	9								
		Total		6,776	100		3,844	100	2,770	100	2,636	100	4,061	100								
f. Interacting with faculty	cintfac	1	Not at all difficult	1,452	21		830	22	600	22	577	22	858	21								
		2		1,604	24		848	22	728	26	674	26	911	22								
		3		1,703	25		932	24	720	26	669	25	1,015	25								
		4		1,321	20	2.8	818	21	466	17	473	18	836	21	2.8	2.7 ***	.10	2.7	2.8	***	-.08	
		5		455	7		267	7	175	6	160	6	290	7								
		6	Very difficult	230	3		147	4	74	3	79	3	144	4								
		Total		6,765	100		3,842	100	2,763	100	2,632	100	4,054	100								

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

Frequencies and Statistical Comparisons

Grand

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	113	2	68	2	41	1	44	2	68	2								
		2	Sometimes	2,735	41	1,561	41	1,122	41	1,062	40	1,638	41								
		3	Often	2,604	39	1,476	38	1,080	39	1,006	38	1,577	39	2.7	2.7	.00	2.8	2.7	.02		
		4	Very often	1,274	19	732	19	514	19	512	20	740	18								
		Total		6,726	100	3,837	100	2,757	100	2,624	100	4,023	100								
b. Academic advisors	cseekaa	1	Never	358	5	176	5	175	6	171	7	182	5								
		2	Sometimes	2,814	42	1,593	42	1,178	43	1,145	44	1,637	41								
		3	Often	2,365	35	1,341	35	974	35	858	33	1,486	37	2.7	2.6 ***	.10	2.6	2.7 ***	-.09		
		4	Very often	1,182	18	722	19	427	16	446	17	716	18								
		Total		6,719	100	3,832	100	2,754	100	2,620	100	4,021	100								
c. Learning support services (tutoring, writing center, success coaching, etc.)	cseekls	1	Never	474	7	224	6	241	9	247	9	218	5								
		2	Sometimes	2,753	41	1,534	40	1,170	42	1,159	44	1,557	39								
		3	Often	2,237	33	1,291	34	899	33	780	30	1,437	36	2.7	2.6 ***	.14	2.5	2.7 ***	-.20		
		4	Very often	1,263	19	787	21	452	16	435	17	815	20								
		Total		6,727	100	3,836	100	2,762	100	2,621	100	4,027	100								
d. Friends or other students	cseekfrnd	1	Never	157	2	94	2	58	2	84	3	72	2								
		2	Sometimes	2,365	35	1,380	36	940	34	963	37	1,374	34								
		3	Often	2,838	42	1,581	41	1,205	44	1,055	40	1,755	44	2.8	2.8	-.03	2.8	2.8 **	-.08		
		4	Very often	1,374	20	788	21	558	20	525	20	827	21								
		Total		6,734	100	3,843	100	2,761	100	2,627	100	4,028	100								
e. Family members	cseekfam	1	Never	1,760	26	1,073	28	669	24	772	29	970	24								
		2	Sometimes	2,824	42	1,596	42	1,163	42	1,092	42	1,697	42								
		3	Often	1,423	21	759	20	637	23	509	19	898	22	2.1	2.2 **	-.08	2.1	2.2 ***	-.13		
		4	Very often	717	11	405	11	294	11	249	9	458	11								
		Total		6,724	100	3,833	100	2,763	100	2,622	100	4,023	100								
f. Other persons or offices	cseekoth	1	Never	1,192	18	655	17	525	19	532	20	652	16								
		2	Sometimes	3,745	56	2,092	55	1,584	57	1,490	57	2,213	55								
		3	Often	1,292	19	780	20	489	18	439	17	835	21	2.2	2.1 ***	.11	2.1	2.2 ***	-.15		
		4	Very often	488	7	304	8	164	6	158	6	319	8								
		Total		6,717	100	3,831	100	2,762	100	2,619	100	4,019	100								

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

Frequencies and Statistical Comparisons

Grand

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	%	A- or higher	B+ or lower	Count	%	Count	%	Mean	Mean	ES	Mean
20. How prepared are you to do the following in your academic work at this institution?																				
a. Write clearly and effectively	cSGwrite	1	Not at all prepared	31	0	19	0	9	0	6	0	24	1							
		2		83	1	47	1	32	1	24	1	57	1							
		3		451	7	263	7	177	6	130	5	313	8							
		4		1,335	20	809	21	495	18	452	17	872	22	5.0	5.1 **	-.07	5.1	4.9	***	.22
		5		2,116	32	1,194	31	897	32	823	31	1,273	32							
		6		2,684	40	1,509	39	1,153	42	1,182	45	1,468	37							
		Total		6,700	100	3,841	100	2,763	100	2,617	100	4,007	100							
b. Speak clearly and effectively	cSGspeak	1	Not at all prepared	27	0	19	0	7	0	6	0	19	0							
		2		105	2	63	2	38	1	41	2	63	2							
		3		502	7	281	7	211	8	169	6	322	8							
		4		1,421	21	840	22	548	20	512	20	897	22	5.0	5.0	-.04	5.0	4.9	***	.11
		5		2,034	30	1,149	30	864	31	795	30	1,223	31							
		6		2,606	39	1,486	39	1,094	40	1,089	42	1,484	37							
		Total		6,695	100	3,838	100	2,762	100	2,612	100	4,008	100							
c. Think critically and analytically	cSGthink	1	Not at all prepared	14	0	12	0	2	0	5	0	9	0							
		2		39	1	30	1	8	0	11	0	27	1							
		3		374	6	218	6	145	5	104	4	263	7							
		4		1,329	20	816	21	483	17	432	17	883	22	5.0	5.1 ***	-.11	5.2	5.0	***	.20
		5		2,225	33	1,246	32	955	35	891	34	1,314	33							
		6		2,721	41	1,517	40	1,174	42	1,171	45	1,516	38							
		Total		6,702	100	3,839	100	2,767	100	2,614	100	4,012	100							
d. Analyze numerical and statistical information	cSGanalyze	1	Not at all prepared	53	1	31	1	21	1	20	1	32	1							
		2		212	3	109	3	98	4	73	3	138	3							
		3		810	12	463	12	332	12	278	11	521	13							
		4		1,771	26	1,048	27	691	25	652	25	1,104	28	4.6	4.7	-.02	4.7	4.6	***	.13
		5		1,963	29	1,124	29	821	30	778	30	1,169	29							
		6		1,895	28	1,067	28	803	29	815	31	1,048	26							
		Total		6,704	100	3,842	100	2,766	100	2,616	100	4,012	100							

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

Frequencies and Statistical Comparisons

Grand

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	%	ES	Mean	Mean	ES
e. Work effectively with others	cSGothers	1	Not at all prepared	20	0			14	0	6	0	4	0	16	0							
		2		58	1			34	1	21	1	19	1	36	1							
		3		326	5			184	5	134	5	100	4	220	5							
		4		1,199	18	5.1		705	18	468	17	413	16	773	19	5.1	5.1	.00	5.2	5.1	***	.14
		5		2,165	32			1,187	31	955	35	858	33	1,290	32							
		6	Very prepared	2,924	44			1,711	45	1,182	43	1,217	47	1,670	42							
		Total		6,692	100			3,835	100	2,766	100	2,611	100	4,005	100							
f. Use computing and information technology	cgncompt13	1	Not at all prepared	27	0			15	0	12	0	8	0	17	0							
		2		126	2			59	2	64	2	57	2	68	2							
		3		508	8			253	7	244	9	182	7	320	8							
		4		1,426	21	4.9		818	21	583	21	523	20	892	22	5.0	4.9 ***	.10	5.0	4.9	*	.05
		5		2,082	31			1,184	31	871	31	824	32	1,238	31							
		6	Very prepared	2,525	38			1,509	39	993	36	1,021	39	1,468	37							
		Total		6,694	100			3,838	100	2,767	100	2,615	100	4,003	100							
g. Learn effectively on your own	cgninq	1	Not at all prepared	14	0			8	0	5	0	3	0	11	0							
		2		56	1			33	1	22	1	16	1	40	1							
		3		365	5			209	5	150	5	89	3	268	7							
		4		1,283	19	5.1		742	19	516	19	383	15	891	22	5.1	5.1	-.02	5.3	5.0	***	.30
		5		2,129	32			1,219	32	880	32	817	31	1,294	32							
		6	Very prepared	2,852	43			1,634	42	1,194	43	1,307	50	1,504	38							
		Total		6,699	100			3,845	100	2,767	100	2,615	100	4,008	100							
21. How important is it to you that your institution provides the following?																						
a. A challenging academic experience	cacadexp	1	Not important	106	2			58	2	47	2	36	1	68	2							
		2		160	2			79	2	79	3	49	2	106	3							
		3		815	12			473	12	333	12	263	10	541	14							
		4		2,218	33	4.5		1,279	33	913	33	793	30	1,406	35	4.5	4.5	.02	4.6	4.4	***	.19
		5		1,938	29			1,126	29	788	29	814	31	1,103	28							
		6	Very important	1,441	22			822	21	604	22	652	25	771	19							
		Total		6,678	100			3,837	100	2,764	100	2,607	100	3,995	100							

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

Frequencies and Statistical Comparisons

Grand

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	16	0			3	0	13	0	6	0	10	0							
		2		32	0			20	1	11	0	13	0	18	0							
		3		251	4			137	4	108	4	74	3	167	4							
		4		904	14	5.3		512	13	376	14	277	11	619	15	5.4	5.3 *	.05	5.4	5.3	***	.15
		5		1,609	24			891	23	698	25	639	25	959	24							
		6	Very important	3,865	58			2,274	59	1,560	56	1,597	61	2,221	56							
		Total		6,677	100			3,837	100	2,766	100	2,606	100	3,994	100							
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	cSEdiv	1	Not important	144	2			72	2	70	3	65	2	77	2							
		2		181	3			85	2	93	3	76	3	102	3							
		3		614	9			329	9	276	10	229	9	376	9							
		4		1,388	21	4.8		800	21	569	21	496	19	879	22	4.9	4.8 ***	.10	4.9	4.8		.02
		5		1,614	24			909	24	690	25	653	25	950	24							
		6	Very important	2,726	41			1,638	43	1,065	39	1,087	42	1,601	40							
		Total		6,667	100			3,833	100	2,763	100	2,606	100	3,985	100							
d. Help managing your non- academic responsibilities (work, family, etc.)	cSEacad	1	Not important	205	3			104	3	100	4	99	4	101	3							
		2		355	5			155	4	198	7	136	5	215	5							
		3		861	13			459	12	390	14	335	13	517	13							
		4		1,530	23	4.6		868	23	645	23	575	22	937	24	4.7	4.4 ***	.19	4.5	4.6		-.02
		5		1,492	22			838	22	638	23	586	23	890	22							
		6	Very important	2,219	33			1,406	37	792	29	872	33	1,322	33							
		Total		6,662	100			3,830	100	2,763	100	2,603	100	3,982	100							
e. Opportunities to be involved socially	cSEsoc	1	Not important	218	3			132	3	85	3	105	4	106	3							
		2		312	5			163	4	146	5	140	5	168	4							
		3		798	12			461	12	328	12	289	11	493	12							
		4		1,642	25	4.6		968	25	654	24	586	22	1,045	26	4.6	4.5	.01	4.5	4.6		-.01
		5		1,628	24			902	23	711	26	657	25	959	24							
		6	Very important	2,071	31			1,214	32	838	30	830	32	1,217	31							
		Total		6,669	100			3,840	100	2,762	100	2,607	100	3,988	100							
f. Opportunities to attend campus activities and events	cSEact	1	Not important	255	4			151	4	102	4	119	5	132	3							
		2		389	6			203	5	183	7	176	7	206	5							
		3		893	13			513	13	371	13	322	12	556	14							
		4		1,645	25	4.4		959	25	668	24	582	22	1,048	26	4.5	4.4	.03	4.4	4.5		-.01
		5		1,549	23			865	23	666	24	625	24	915	23							
		6	Very important	1,928	29			1,142	30	770	28	777	30	1,125	28							
		Total		6,659	100			3,833	100	2,760	100	2,601	100	3,982	100							

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

Frequencies and Statistical Comparisons Grand

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
g. Learning support services (tutoring, writing center, success coaching, etc.)	cSEserv	1	Not important	80	1			40	1	39	1	37	1	41	1						
		2		190	3			94	2	93	3	84	3	100	3						
		3		642	10			323	8	311	11	267	10	367	9						
		4		1,331	20	4.9		745	19	574	21	500	19	818	21	5.0	4.8 ***	.15	4.9	4.9	-.04
		5		1,628	24			924	24	683	25	638	25	974	24						
		6	Very important	2,789	42			1,710	45	1,059	38	1,077	41	1,682	42						
	Total	6,660	100			3,836	100	2,759	100	2,603	100	3,982	100								

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

BCSSE 2019
Transfer Student Scale Means
Grand

BCSSE Scales provide a useful summary of the detailed information contained in 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 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 self-reported previous 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

BCSSE Scales	Variable ^a	Grand									
		All Students			First-Generation ^b			Self-Reported Previous Grades			
		Mean	SD	N	Yes	No	ES	A- or Higher	B+ or Lower	ES	
Learning Strategies											
<i>Use of effective learning strategies at prior institution</i>	TR_LS	42.9	12.7	7,041	43.2	42.7	.03	45.4	41.2	***	.34
Collaborative Learning											
<i>Expectation to interact and collaborate with peers</i>	EXP_CL	32.6	12.7	6,920	32.8	32.5	.03	31.8	33.1	***	-.10
Student-Faculty Interaction											
<i>Expectation to interact and engage with faculty</i>	EXP_SFI	31.1	13.5	6,912	31.5	31.4	*** .08	30.6	31.4	*	-.06
Expected Discussions with Diverse Others											
<i>Expectation to engage in discussions with diverse others</i>	EXP_DD	42.9	14.9	6,859	42.6	43.5	* -.06	42.3	42.3	***	.10
Expected Academic Perseverance											
<i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	45.3	10.1	6,808	45.9	44.6	*** .13	46.1	44.8	***	.13
Expected Academic Difficulty											
<i>Expected academic difficulty during the coming year</i>	EXP_DIF	28.2	11.4	6,776	28.7	27.3	*** .12	27.3	28.9	***	-.14
Perceived Academic Preparation											
<i>Student perception of their academic preparation</i>	PER_PREP	47.7	9.6	6,704	47.7	48.0	-.03	48.9	47.0	***	.20
Importance of Campus Environment											
<i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	44.8	10.8	6,675	45.3	44.2	*** .11	45.3	44.7	***	.04

Mean Scale Scores and Selected Student Comparisons

Grand

Transfer Students

BCSSE Scales	Variable ^b	All Students			First-Generation ^a			Self-Reported Previous Grades			
					Yes	No	ES	A- or higher	B+ or lower	ES	
		Mean	SD	N	Mean	Mean		Mean	Mean		
Learning Strategies <i>Use of effective learning strategies at prior institution</i>	TR_LS	42.9	12.7	7,041	43.2	42.7	.03	45.4	41.2	***	.34
Collaborative Learning <i>Expectation to interact and collaborate with peers</i>	EXP_CL	32.6	12.7	6,929	32.8	32.5	.03	31.8	33.1	***	-.10
Student-Faculty Interaction <i>Expectation to interact and engage with faculty</i>	EXP_SFI	31.1	13.5	6,912	31.5	30.4	*** .08	30.6	31.4	*	-.06
Expected Discussions with Diverse Others <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	42.9	14.9	6,859	42.6	43.5	* -.06	43.8	42.3	***	.10
Expected Academic Perseverance <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	45.3	10.1	6,808	45.9	44.6	*** .13	46.1	44.8	***	.13
Expected Academic Difficulty <i>Expected academic difficulty during the coming year</i>	EXP_DIF	28.2	11.4	6,776	28.7	27.3	*** .12	27.3	28.9	***	-.14
Perceived Academic Preparation <i>Student perception of their academic preparation</i>	PER_PREP	47.7	9.6	6,704	47.7	48.0	-.03	48.9	47.0	***	.20
Importance of Campus Environment <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	44.8	10.8	6,675	45.3	44.2	*** .11	45.1	44.7		.04

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>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, cCLexplain, cCLstudy, cCLproject
<i>Student-Faculty Interaction</i> (EXP_SFI)	Expectation to interact and engage with faculty	cSFcareer, cSFothrwrk, cSFperform, 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, cgninq
<i>Importance of Campus Environment</i> (IMP_CAMP)	Student-rated importance that the institution provides a challenging and supportive environment	cacadexp, cSEacad, cSEdiv, cSEacad, cSEsoc, cSEact, cSEserv

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