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# BCSSE 2020

## Transfer Student Institutional Report

Illinois State University

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**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 2020.
- Web respondents who graduated high school in 2019 or 2018 and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2019 or 2018 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.

#### **Older students were those respondents who met one of the following criteria:**

- Web respondents who graduated high school in 2017 or earlier and did not attend another institution since graduating high school.
- Web respondents who graduated high school in 2017 or earlier and did attend another institution since graduating high school and expects to transfer 11 or fewer credits.



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**BCSSE 2020**  
**Transfer Student Respondent Profile**  
Illinois State University

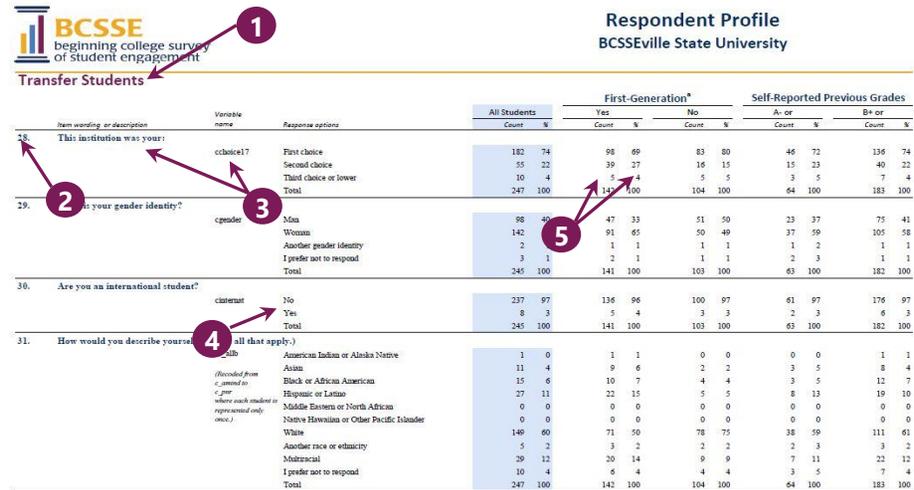
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# Respondent Profile

## 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 your results. For more information please visit our website ([bcsse.indiana.edu](http://bcsse.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 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 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:	cchoice17	First choice Second choice Third choice or lower Total	182 55 10 247	74 22 4 100	98 39 5 142	69 27 6 100	83 16 5 104	80 15 5 100	46 15 3 64	72 23 5 100	136 40 7 183	74 22 4 100
29. Is 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 2 3 63	37 59 2 3 100	75 105 1 1 182	41 58 1 1 100
30. Are you an international student?	citizstat	No Yes Total	237 8 245	97 3 100	136 5 141	96 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.)	ethnic	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 0 146 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	0 3 3 8 0 0 38 2 11 5 64	0 5 5 13 0 0 59 3 11 5 100	1 8 12 19 0 0 111 3 22 7 183	1 4 7 10 0 0 60 2 12 4 100

### Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported Previous Grades			
					Yes		No		Higher		Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>1. Please indicate the year you graduated from high school:</b>												
	hgradyr	Prior to 2017	52	15	32	23	18	11	29	17	21	13
		2017	47	14	21	15	20	12	19	11	28	17
		2018	178	53	62	45	100	59	92	54	84	52
		2019	62	18	22	16	32	19	31	18	30	18
		2020	0	0	0	0	0	0	0	0	0	0
		Total	339	100	137	100	170	100	171	100	163	100
<b>W1. Since graduating from high school, which of the following have you done? (Select all that apply.)</b>												
	tattend	Attend another college or university	339	100	137	100	170	100	171	100	163	100
	tmilitary	Military service	9	3	4	3	5	3	5	3	4	2
	twork_ft	Work full-time	77	23	46	34	27	16	44	26	32	20
	twork_pt	Work part-time	190	56	85	62	84	49	101	59	88	54
	thome	Homemaker or stay at home spouse	7	2	6	4	1	1	4	2	3	2
	tvolunteer	Volunteer	47	14	17	12	28	16	28	16	18	11
	tsinceoth	Other	0	0	0	0	0	0	0	0	0	0
<b>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.)</b>												
	tattend_voc	Vocational or technical school	2	1	1	1	1	1	2	1	0	0
	tattend_com	Community or junior college	297	88	121	88	152	89	156	91	136	83
	tattend_col	4-year college or university other than this one	70	21	21	15	39	23	26	15	42	26
	tattend_other	Other	2	1	2	1	0	0	2	1	0	0
<b>W3. About how many credits do you expect to transfer to this institution?</b>												
	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	44	13	18	13	23	14	17	10	27	17
		31-45	61	18	16	12	35	21	26	15	34	21
		46-60	122	36	56	41	55	32	62	36	57	35
		More than 60	112	33	47	34	57	34	66	39	45	28
		Total	339	100	137	100	170	100	171	100	163	100

### Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported Previous Grades			
					Yes		No		Higher		Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>WT4. What were most of your grades at the other institution(s) you attended?</b>												
	tgrades	C- or lower	0	0	0	0	0	0	0	0	0	0
		C	1	0	0	0	1	1	0	0	1	1
		C+	6	2	3	2	3	2	0	0	6	4
		B-	17	5	8	6	6	4	0	0	17	10
		B	69	21	29	21	31	18	0	0	69	42
		B+	70	21	33	24	32	19	0	0	70	43
		A-	43	13	13	10	25	15	43	25	0	0
		A	128	38	50	37	70	42	128	75	0	0
		Grades not used	0	0	0	0	0	0	0	0	0	0
		Total	334	100	136	100	168	100	171	100	163	100
<b>WT6. What is the most recent year you were enrolled at other institution?</b>												
	tattendyr	2020	274	83	112	82	143	85	139	82	133	83
		2019	43	13	15	11	22	13	21	12	22	14
		2018	8	2	6	4	2	1	5	3	3	2
		2017	0	0	0	0	0	0	0	0	0	0
		2016	1	0	0	0	1	1	1	1	0	0
		2015	3	1	2	1	1	1	2	1	1	1
		Prior to 2015	2	1	2	1	0	0	1	1	1	1
		Total	331	100	137	100	169	100	169	100	160	100
<b>WT7. Will you continue attending this other institution during the coming school year?</b>												
	tcontin	No	242	88	96	86	133	92	122	88	119	89
		Yes	27	10	12	11	11	8	12	9	14	10
		Not sure	6	2	4	4	0	0	5	4	1	1
		Total	275	100	112	100	144	100	139	100	134	100

### Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported Previous Grades			
					Yes		No		Higher		Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>WT8. Which of the following describes why you are no longer enrolled at other institution(s)? (Select all that apply.)</b>												
	tcomplprg	Completed program/degree	149	62	64	67	79	59	81	66	68	57
	tplanned	Always planned on transferring	135	56	51	53	79	59	68	56	66	55
	texpense	Too expensive	10	4	3	3	6	5	4	3	6	5
	tnomajor	Did not offer the major you are interested in	26	11	6	6	20	15	20	16	6	5
	tinconven	Inconvenient course scheduling	3	1	0	0	2	2	2	2	1	1
	ttoofar	Too far from where you lived	5	2	3	3	2	2	3	2	2	2
	tfamperinfl	Family or personal relationship	6	2	3	3	3	2	2	2	4	3
	tqacad	Quality of academic programs	17	7	4	4	11	8	8	7	9	8
	tacaddiff	Academic difficulty	2	1	0	0	1	1	1	1	1	1
	tdissatis	Personal dissatisfaction	15	6	3	3	11	8	6	5	9	8
	treasnsoth	Other	5	2	2	2	2	2	3	2	2	2
<b>WTD10. How many more years do you expect it will take to complete your bachelor's degree?</b>												
	tyrscmpl	1 year	11	3	3	2	8	5	5	3	5	3
		2 years	224	69	98	72	112	66	122	73	100	64
		3 years	72	22	26	19	41	24	34	20	38	24
		4 years or longer	20	6	10	7	8	5	7	4	13	8
		Do not plan to complete a bachelor's degree	0	0	0	0	0	0	0	0	0	0
	Total		327	100	137	100	169	100	168	100	156	100
<b>WTD11. Will you take at least one course from another college or university while attending this institution?</b>												
	tanthinst	No	178	55	80	58	88	52	101	60	76	49
		Yes	40	12	13	9	26	15	19	11	21	14
		Not sure	108	33	44	32	55	33	48	29	58	37
		Total		326	100	137	100	169	100	168	100	155

### Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported Previous Grades			
					Yes		No		Higher		Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>22.</b>	<b>Which of the following sources are you using to pay for your education expenses (tuition, fees, books, room &amp; board, etc.)? For each, tell us if you are using, not using, or not sure.</b>											
Support from parents or relatives	cparents	Using	204	67	73	54	130	77	107	67	95	66
		Not using	88	29	56	41	31	18	44	28	43	30
		Not sure	14	5	7	5	7	4	9	6	5	3
		Total	306	100	136	100	168	100	160	100	143	100
Loans	cloans	Using	165	54	82	60	82	49	71	45	91	64
		Not using	104	34	40	29	64	38	65	41	39	27
		Not sure	36	12	14	10	22	13	23	14	13	9
		Total	305	100	136	100	168	100	159	100	143	100
Grants or scholarships	cgrants	Using	214	70	103	75	110	66	124	78	88	62
		Not using	67	22	24	18	43	26	27	17	39	27
		Not sure	23	8	10	7	13	8	8	5	15	11
		Total	304	100	137	100	166	100	159	100	142	100
Employment on- or off-campus	cjob	Using	176	58	90	66	85	51	98	62	77	54
		Not using	84	28	36	26	48	29	39	25	44	31
		Not sure	44	14	11	8	33	20	22	14	21	15
		Total	304	100	137	100	166	100	159	100	142	100
Personal savings or other sources	cpersonal	Using	223	73	108	79	115	68	121	76	101	70
		Not using	55	18	19	14	35	21	22	14	33	23
		Not sure	27	9	9	7	18	11	16	10	10	7
		Total	305	100	136	100	168	100	159	100	144	100
<b>23.</b>	<b>What do you expect most of your grades will be during the coming year? (Select only one.)</b>											
	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-	6	2	3	2	3	2	2	1	4	3
		B	53	17	28	21	25	15	11	7	42	29
		B+	75	24	34	25	41	24	21	13	52	36
		A-	85	28	36	26	48	28	57	36	28	19
		A	88	29	35	26	53	31	68	43	19	13
		Grades not used	0	0	0	0	0	0	0	0	0	0
		Total	307	100	136	100	170	100	159	100	145	100

### Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported Previous Grades			
					Yes		No		Higher		Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>24. Do you expect to graduate from this institution?</b>	cintgrad	No	1	0	0	0	1	1	0	0	1	1
		Yes	303	99	133	98	169	99	157	99	143	99
		Uncertain	3	1	3	2	0	0	2	1	1	1
		Total	307	100	136	100	170	100	159	100	145	100
<b>25. Do you know what your major will be?</b>	cmajor	No	6	2	2	1	4	2	1	1	5	3
		Yes, specify	302	98	135	99	166	98	158	99	141	97
		Total	308	100	137	100	170	100	159	100	146	100
<i>(Recoded variable cmajcode into one of 12 major categories listed at right.)</i>	cmajrcol	Arts & Humanities	16	5	11	8	5	3	10	6	6	4
		Biological Sci., Agriculture, & Natural Resources	12	4	2	1	10	6	7	4	5	4
		Physical Sci., Mathematics, & Computer Science	16	5	8	6	8	5	8	5	7	5
		Social Sciences	18	6	8	6	10	6	11	7	7	5
		Business	50	17	22	16	28	17	26	16	24	17
		Communications, Media, & Public Relations	20	7	11	8	9	5	9	6	11	8
		Education	86	28	33	24	53	32	39	25	47	33
		Engineering	3	1	2	1	1	1	1	1	2	1
		Health Professions	45	15	19	14	26	16	31	20	13	9
		Social Service Professions	21	7	13	10	8	5	6	4	14	10
		All Other	14	5	6	4	7	4	9	6	5	4
		Undecided, Undeclared	1	0	0	0	1	1	1	1	0	0
		Total	302	100	135	100	166	100	158	100	141	100
<b>26. Are you (or will you be) a full-time student at this institution?</b>	cfulltime18	No	10	3	8	6	2	1	5	3	5	3
		Yes	297	97	128	94	168	99	154	97	141	97
		Total	307	100	136	100	170	100	159	100	146	100
<b>27. How many of your close friends will attend this institution during the coming year?</b>	cfriends	None	108	35	57	42	50	29	59	37	47	32
		1	46	15	14	10	32	19	23	14	22	15
		2	41	13	14	10	27	16	24	15	17	12
		3	33	11	13	10	20	12	16	10	17	12
		4 or more	79	26	38	28	41	24	37	23	42	29

### Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported Previous Grades			
					Yes		No		Higher		Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
		Total	307	100	136	100	170	100	159	100	145	100
<b>28. This institution was your:</b>												
	cchoice17	First choice	235	77	109	80	125	74	128	81	104	72
		Second choice	60	20	25	18	35	21	26	16	34	23
		Third choice or lower	12	4	2	1	10	6	5	3	7	5
		Total	307	100	136	100	170	100	159	100	145	100
<b>29. What is your gender identity?</b>												
	cgender	Man	96	31	45	33	50	29	43	27	51	35
		Woman	204	66	89	65	115	68	113	71	91	62
		Another gender identity	3	1	1	1	2	1	1	1	2	1
		I prefer not to respond	4	1	1	1	3	2	2	1	2	1
		Total	307	100	136	100	170	100	159	100	146	100
<b>30. Are you an international student?</b>												
	cinternat	No	307	100	137	100	169	99	158	99	146	100
		Yes	1	0	0	0	1	1	1	1	0	0
		Total	308	100	137	100	170	100	159	100	146	100
<b>31. How would you describe yourself? (Select all that apply.)</b>												
	crace	American Indian or Alaska Native	1	0	0	0	1	1	0	0	1	1
		Asian	13	4	4	3	9	5	10	6	3	2
	(Recoded from c_amind to c_pnr where each student is represented only once.)	Black or African American	18	6	11	8	7	4	10	6	8	5
		Hispanic or Latino	31	10	27	20	4	2	11	7	19	13
		Middle Eastern or North African	2	1	0	0	2	1	2	1	0	0
		Native Hawaiian or Other Pacific Islander	0	0	0	0	0	0	0	0	0	0
		White	224	73	85	63	139	82	122	77	101	69
		Another race or ethnicity	0	0	0	0	0	0	0	0	0	0
		Multiracial	17	6	9	7	8	5	3	2	14	10
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	306	100	136	100	170	100	158	100	146	100

### Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported Previous Grades			
					Yes		No		Higher		Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
<b>32. Regarding your parents (or those who raised you), what is the highest level of education completed by either of them?</b>												
	cpardegr18	Did not finish high school	16	5	16	12	0	0	5	3	10	7
		High school diploma or GED	49	16	49	36	0	0	23	15	26	18
		Attended college, but did not complete degree	41	13	41	30	0	0	18	11	23	16
		Associate's degree (AA, AS, etc.)	31	10	31	23	0	0	17	11	14	10
		Bachelor's degree (BA, BS, etc.)	116	38	0	0	116	68	63	40	51	35
		Master's degree (MA, MS, etc.)	48	16	0	0	48	28	27	17	21	14
		Doctoral or professional degree (PhD, JD, MD, etc.)	6	2	0	0	6	4	5	3	1	1
		Total	307	100	137	100	170	100	158	100	146	100
First-generation status ( <i>Neither parent holds a bachelor's degree. Recoded from cpardegr18.</i> )	bfirstgen	First-generation	137	45	137	100	0	0	63	40	73	50
		Not first-generation	170	55	0	0	170	100	95	60	73	50
		Total	307	100	137	100	170	100	158	100	146	100
<b>33. Which of the following best describes where you will be living while attending college?</b>												
	cliving18	Campus housing (other than a fraternity or sorority house)	29	9	10	7	19	11	11	7	18	12
		Fraternity or sorority house	0	0	0	0	0	0	0	0	0	0
		House, apartment, or other residence <i>within walking distance</i> to campus	137	45	54	39	83	49	67	42	68	47
		House, apartment, or other residence <i>farther than walk. dist.</i> to campus	116	38	61	45	55	32	67	42	48	33
		Not applicable: No campus, entirely online program, etc.	23	7	11	8	12	7	12	8	11	8
		Not applicable: Homeless or in transition	2	1	1	1	1	1	1	1	1	1
		Total	307	100	137	100	170	100	158	100	146	100

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## **BCSSE 2020**

# **Transfer Student Frequencies and Statistical Comparisons**

Illinois State University

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# 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 ([bcsse.indiana.edu](http://bcsse.indiana.edu)) or contact a member of the BCSSE team.

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

**Frequencies and Statistical Comparisons**  
BCSSEville State University

Item wording or description	Variable	Values	Response options	Frequency Distributions								Statistical Comparisons							
				All Students		First-Generation		Self-Reported Previous Grades		First-Generation		Self-Reported Previous Grades		ES	A- or higher	B+ or lower	ES	A- or higher	B+ or lower
				Count	%	Count	%	Count	%	Count	%	Count	%						
<b>WT8. During your most recent year enrolled at the other institution, about how often did you do the following?</b>																			
a. Identified key information from reading assignments	tl5Reading	1	Never	2	1	1	1	1	1	0	0	2	1						
		2	Sometimes	50	20	30	21	19	18	11	17	39	21						
		3	Often	117	47	62	44	53	51	28	44	89	48	3.1	3.1	.04	3.2	3.1	
		4	Very often	80	32	49	35	30	29	25	39	55	30						
			Total	49	100	142	100	103	100	64	100	185	100						
<b>b. Reviewed your notes after class</b>																			
	tl5Notes	1	Never	13	5	7	5	5	5	8	12	5	3						
		2	Sometimes	73	29	46	32	26	25	14	22	59	32						
		3	Often	100	40	55	39	43	41	26	40	74	40	2.8	2.9	-.15	2.8	2.9	
		4	Very often	64	26	37	24	30	29	17	26	47	25						
			Total	250	100	142	100	104	100	65	100	185	100						
<b>c. Summarized what you learned in class or from course materials</b>																			
	tl5Summary	1	Never	14	6	8	6	3	3	6	9	8	4						
		2	Sometimes	79	32	53	37	26	25	17	26	62	34						
		3	Often	101	40	53	37	47	45	27	42	74	40	2.7	3.0 *	-.30	2.8	2.8	
		4	Very often	56	22	28	20	28	27	15	23	41	22						
			Total	250	100	142	100	104	100	65	100	185	100						
<b>WTD9. How important were the following reasons for choosing this institution?</b>																			
a. Affordability	afford	1	Not important	15	6	8	6	7	7	4	6	11	6						
		2	Slightly important	14	6	5	4	9	9	3	5	11	6						
		3	Moderately important	56	22	25	18	30	29	17	26	39	21						
		4	Very important	47	19	23	16	24	23	13	20	34	18	4.6	3.9 ***	-.46	4.2	4.4	
		5	Very important	28	11	19	13	9	9	9	14	19	10						
		6	Very important	89	36	62	44	24	23	19	29	70	38						
			Total	249	100	142	100	103	100	65	100	184	100						
<b>b. Location</b>																			
	near	1	Not important	25	10	15	11	10	10	5	8	20	11						
		2	Slightly important	15	6	7	5	7	7	4	6	11	6						
		3	Moderately important	22	9	12	9	10	10	4	6	18	10						
		4	Very important	35	14	15	11	20	19	11	17	24	13	4.6	4.4	.12	4.6	4.5	
		5	Very important	44	18	25	18	18	17	16	25	28	15						
		6	Very important	107	43	66	47	39	38	24	38	83	45						
			Total	248	100	140	100	104	100	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

## Illinois State University

### Transfer Students

Item wording or description				Variable name		Values <sup>c</sup>		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
<b>WT5. During your most recent year enrolled at the other institution, about how often did you do the following?</b>																									
a. Identified key information from reading assignments				tLSreading	1	Never	1	0	0	0	1	1	1	1	0	0									
					2	Sometimes	51	16	21	16	26	15	19	11	32	20									
					3	Often	153	47	68	50	74	44	79	47	74	47	3.2	3.2	-.07	3.3	3.1 * .23				
					4	Very often	123	38	46	34	67	40	70	41	52	33									
					Total		328	100	135	100	168	100	169	100	158	100									
b. Reviewed your notes after class				tLSnotes	1	Never	4	1	1	1	2	1	2	1	2	1									
					2	Sometimes	77	23	25	18	45	27	36	21	40	25									
					3	Often	111	34	48	35	55	33	47	28	63	40	3.3	3.1	.20	3.3	3.1 * .24				
					4	Very often	138	42	63	46	66	39	84	50	54	34									
					Total		330	100	137	100	168	100	169	100	159	100									
c. Summarized what you learned in class or from course materials				tLSsummary	1	Never	7	2	1	1	5	3	2	1	5	3									
					2	Sometimes	76	23	28	20	42	25	45	27	31	19									
					3	Often	134	41	63	46	60	36	53	32	80	50	3.1	3.0	.08	3.1	3.0 .12				
					4	Very often	111	34	45	33	59	36	68	40	43	27									
					Total		328	100	137	100	166	100	168	100	159	100									
<b>WTD9. How important were the following reasons for choosing this institution?</b>																									
a. Affordability				tafford	1	Not important	4	1	1	1	3	2	2	1	2	1									
					2		8	2	2	1	6	4	4	2	4	3									
					3		35	11	12	9	19	11	14	8	21	13									
					4		67	20	25	18	36	21	36	21	30	19	5.1	4.8 *	.25	5.0	4.8 .12				
					5		66	20	25	18	38	22	31	18	35	22									
					6	Very important	151	46	72	53	68	40	82	49	67	42									
					Total		331	100	137	100	170	100	169	100	159	100									
b. Location				tnear	1	Not important	7	2	2	1	5	3	3	2	4	3									
					2		13	4	4	3	7	4	4	2	9	6									
					3		38	12	14	10	22	13	13	8	25	16									
					4		76	23	35	26	38	23	38	23	38	24	4.7	4.5	.15	4.8	4.5 * .26				
					5		86	26	34	25	46	28	52	31	32	20									
					6	Very important	106	33	47	35	48	29	56	34	49	31									
					Total		326	100	136	100	166	100	166	100	157	100									

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

Item wording or description	Variable name	Values <sup>c</sup>	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
c. You can transfer most or all of your credits	ttrnsfr	1	Not important	1	0		1	1	0	0	0	0	1	1							
		2		1	0		0	0	1	1	0	0	1	1							
		3		7	2		3	2	4	2	2	1	5	3							
		4		25	8	5.5	6	4	16	9	8	5	17	11	5.6	5.5	.05	5.7	5.4	**	.35
		5		75	23		34	25	34	20	36	21	39	25							
		6	Very important	221	67		92	68	115	68	123	73	95	60							
		Total		330	100		136	100	170	100	169	100	158	100							
d. Offers the major(s) you are interested in	toffermjr	1	Not important	1	0		1	1	0	0	0	0	1	1							
		2		1	0		1	1	0	0	1	1	0	0							
		3		9	3		5	4	3	2	4	2	5	3							
		4		18	5	5.6	6	4	11	7	8	5	9	6	5.5	5.6	-.12	5.6	5.6		.08
		5		64	20		28	21	32	19	32	19	31	20							
		6	Very important	235	72		95	70	123	73	124	73	110	71							
		Total		328	100		136	100	169	100	169	100	156	100							
e. Quality of academic programs	tqualacad	1	Not important	1	0		1	1	0	0	0	0	1	1							
		2		0	0		0	0	0	0	0	0	0	0							
		3		12	4		6	4	6	4	3	2	9	6							
		4		31	9	5.4	16	12	11	7	12	7	19	12	5.3	5.4	-.10	5.4	5.3		.15
		5		98	30		35	26	57	34	60	36	37	23							
		6	Very important	186	57		78	57	95	56	93	55	92	58							
		Total		328	100		136	100	169	100	168	100	158	100							
f. You can finish your degree quickly	tfinish	1	Not important	4	1		2	1	2	1	2	1	2	1							
		2		8	2		1	1	7	4	4	2	4	3							
		3		43	13		16	12	24	14	17	10	25	16							
		4		75	23	4.7	34	25	33	19	34	20	41	26	4.8	4.7	.14	4.8	4.6		.21
		5		89	27		32	23	53	31	50	30	39	25							
		6	Very important	111	34		52	38	51	30	62	37	47	30							
		Total		330	100		137	100	170	100	169	100	158	100							
g. Flexible scheduling of courses	tflex	1	Not important	4	1		2	1	2	1	2	1	2	1							
		2		8	2		2	1	5	3	5	3	3	2							
		3		31	9		12	9	18	11	12	7	19	12							
		4		62	19	4.9	24	18	34	20	30	18	31	20	5.0	4.8	.16	4.9	4.9		.07
		5		89	27		34	25	48	28	51	30	38	24							
		6	Very important	135	41		63	46	63	37	68	40	65	41							

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

## Frequencies and Statistical Comparisons

### Illinois State University

#### Transfer Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions								Statistical Comparisons							
				All Students				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		
		Total		329	100	137	100	170	100	168	100	158	100						

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

Item wording or description	Variable name	Values <sup>c</sup>	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
h. Family or personal relationship	tfamper2	1	Not important	43	13		22	16	18	11	26	15	17	11							
		2		28	9		9	7	18	11	17	10	11	7							
		3		64	20		26	19	35	21	29	17	34	22							
		4		61	19	3.9	24	18	33	19	34	20	27	17	3.8	3.9	-.02	3.7	4.0	-.17	
		5		56	17		24	18	30	18	28	17	26	17							
		6	Very important	76	23		32	23	36	21	34	20	42	27							
		Total		328	100		137	100	170	100	168	100	157	100							
i. Other	timpoth	1	Not important	42	41		19	43	21	39	25	47	16	33							
		2		4	4		2	5	2	4	3	6	1	2							
		3		11	11		5	11	4	7	6	11	5	10							
		4		13	13	3.1	4	9	9	17	5	9	8	16	3.0	3.2	-.12	2.8	3.5	-.36	
		5		12	12		6	14	6	11	5	9	7	14							
		6	Very important	21	20		8	18	12	22	9	17	12	24							
		Total		103	100		44	100	54	100	53	100	49	100							
<b>WTD12. During the coming school year, which do you think will cause you stress? (Select all that apply.)<sup>d</sup></b>																					
	tstrss_tra	Transitioning back to being a student	187	58		73	54	104	62	93	57	92	60	54%	62%	-.17	57%	60%	-.07		
	tstrss_bal	Balancing school and other commitments (work, family, etc)	233	73		110	81	110	66	126	76	105	69	81%	66% **	.34	76%	69%	.17		
	tstrss_bas	Not having enough money for basic needs (housing, food, and transportation)	133	42		68	50	57	34	60	37	71	46	50%	34% **	.32	37%	46%	-.20		
	tstrss_acd	Not having enough money for college expenses (tuition, fees, books, etc.)	146	46		69	51	67	40	71	43	73	48	51%	40%	.21	43%	48%	-.09		
	tstrss_saf	Personal safety	48	15		15	11	30	18	25	15	23	15	11%	18%	-.20	15%	15%	.01		
	tstrss_perre	Personal relationship	65	20		20	15	41	25	38	23	26	17	15%	25% *	-.25	23%	17%	.15		
	tstrss_rmre	Roommate relationships	52	16		14	10	35	21	31	19	21	14	10%	21% *	-.30	19%	14%	.14		
	tstrss_car	Choosing a career	69	22		28	21	37	22	37	23	32	21	21%	22%	-.04	23%	21%	.04		
	tstrss_com	Commuting to campus	44	14		21	15	21	13	26	16	18	12	15%	13%	.08	16%	12%	.12		
	tstrss_oth	Other	30	9		11	8	15	9	16	10	13	8	8%	9%	-.03	10%	8%	.04		

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

Item wording or description		Variable name		Values <sup>c</sup>		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
<b>WTD13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing the following?</b>																							
a. Providing care for dependents (children, parents, etc)	tcarehrs	0	0	220	68			96	70	112	66	119	71	100	65								
	(Recoded version of tcare created by BCSSE. Values are estimated number of hours)	3	1-5	55	17			15	11	37	22	28	17	26	17								
		8	6-10	16	5			7	5	8	5	6	4	10	6								
		13	11-15	5	2	3.4		3	2	2	1	2	1	3	2								
		18	16-20	8	2			3	2	5	3	1	1	7	5	4.3	2.6	.22	3.0	3.6	-.07		
		23	21-25	4	1			2	1	1	1	2	1	2	1								
		28	26-30	4	1			2	1	1	1	2	1	2	1								
		33	More than 30	12	4			9	7	3	2	7	4	4	3								
	Total			324	100			137	100	169	100	167	100	154	100								
b. Commuting to campus (driving, walking, etc.)	tcommutehrs	0	0	86	26			38	28	43	25	41	25	45	29								
	(Recoded version of tcommute created by BCSSE. Values are estimated number of hours)	3	1-5	158	49			61	45	91	54	81	49	74	48								
		8	6-10	45	14			22	16	20	12	26	16	19	12								
		13	11-15	12	4	5.0		4	3	6	4	7	4	5	3								
		18	16-20	7	2			3	2	4	2	1	1	6	4	5.4	4.4	.15	5.3	4.7	.09		
		23	21-25	5	2			2	1	3	2	3	2	2	1								
		28	26-30	2	1			1	1	1	1	2	1	0	0								
		33	More than 30	10	3			6	4	2	1	6	4	4	3								
	Total			325	100			137	100	170	100	167	100	155	100								
<b>13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing the following?</b>																							
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	cacadpr13hrs	0	0	1	0			1	1	0	0	1	1	0	0								
	(Recoded version of cacadpr13 created by BCSSE. Values are estimated number of hours)	3	1-5	10	3			1	1	9	5	5	3	5	3								
		8	6-10	44	14			20	15	22	13	24	15	19	13								
		13	11-15	65	20	17.8		28	21	35	21	30	18	34	23								
		18	16-20	100	31			41	30	56	33	47	29	53	35	18.3	17.2	.14	18.3	17.3	.13		
		23	21-25	41	13			16	12	24	14	21	13	20	13								
		28	26-30	36	11			20	15	13	8	23	14	13	9								
		33	More than 30	21	7			9	7	10	6	13	8	7	5								
	Total			318	100			136	100	169	100	164	100	151	100								

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

		Frequency Distributions										Statistical Comparisons										
Item wording or description	Variable name	Values <sup>c</sup> Response options		All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades							
				Count	%	Mean	Count	%	Yes		No		Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
b. Working for pay on- or off-campus	cworkhrs  (Recoded version of cworkhrs created by BCSSE. Values are estimated number of hours)	0	0	62	20	13.8	26	19	34	20	30	18	31	21	15.7	11.9 **	.36	13.5	14.1	-.06		
		3	1-5	33	10		7	5	25	15	16	10	16	11								
		8	6-10	28	9		8	6	20	12	17	10	11	7								
		13	11-15	52	16		25	18	25	15	32	20	20	13								
		18	16-20	56	18		24	18	32	19	26	16	30	20								
		23	21-25	38	12		20	15	13	8	21	13	17	11								
		28	26-30	18	6		9	7	7	4	12	7	6	4								
		33	More than 30	30	9		18	13	11	7	10	6	19	13								
	Total	317	100	137	100	167	100	164	100	150	100											
c. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	ccocurrhrs  (Recoded version of ccocurrhrs created by BCSSE. Values are estimated number of hours)	0	0	96	30	4.9	51	38	39	23	49	30	47	31	4.7	5.1	-.07	4.2	5.5	-.21		
		3	1-5	125	39		49	36	74	44	69	42	55	37								
		8	6-10	59	19		17	13	38	22	33	20	25	17								
		13	11-15	21	7		12	9	8	5	9	5	12	8								
		18	16-20	5	2		1	1	4	2	2	1	3	2								
		23	21-25	6	2		2	1	4	2	3	2	2	1								
		28	26-30	0	0		0	0	0	0	0	0	0	0								
		33	More than 30	6	2		4	3	2	1	0	0	6	4								
	Total	318	100	136	100	169	100	165	100	150	100											
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	csocial13hrs  (Recoded version of csocial13hrs created by BCSSE. Values are estimated number of hours)	0	0	1	0	11.0	1	1	0	0	1	1	0	0	10.5	11.2	-.11	10.6	11.4	-.11		
		3	1-5	69	22		30	22	37	22	36	22	32	21								
		8	6-10	107	33		50	36	55	32	59	36	47	31								
		13	11-15	73	23		32	23	37	22	38	23	35	23								
		18	16-20	43	13		15	11	24	14	19	12	24	16								
		23	21-25	13	4		3	2	10	6	3	2	9	6								
		28	26-30	5	2		2	1	3	2	5	3	0	0								
		33	More than 30	9	3		4	3	4	2	4	2	5	3								
	Total	320	100	137	100	170	100	165	100	152	100											
<b>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?</b>																						
ctmread17		1	Very little	8	3	3.2	3	2	5	3	3	2	5	3	3.3	3.2	.13	3.4	3.1	* .26		
		2	Some	61	19		27	20	34	20	26	16	34	22								
		3	About half	125	39		51	37	71	42	62	38	62	41								
		4	Most	99	31		41	30	50	29	57	35	41	27								
		5	Almost all	27	8		15	11	10	6	17	10	10	7								
			Total	320	100		137	100	170	100	165	100	152	100								

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

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

Item wording or description				Variable name		Values <sup>c</sup>		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
<b>15. During the coming school year, about how often do you expect to do the following?</b>																									
a. Ask another student to help you understand course material				cCLaskhlp		1	Never	23	7	12	9	7	4	13	8	10	7	2.4	2.5	-.16	2.4	2.4	-.06		
						2	Sometimes	171	53	76	55	90	53	89	54	82	54								
						3	Often	96	30	36	26	57	34	49	30	44	29								
						4	Very often	30	9	13	9	16	9	14	8	16	11								
						Total		320	100	137	100	170	100	165	100	152	100								
b. Explain course material to one or more students				cCLxplain		1	Never	20	6	9	7	8	5	9	5	11	7	2.4	2.4	.02	2.4	2.4	.05		
						2	Sometimes	169	53	69	51	94	55	88	53	80	53								
						3	Often	106	33	47	35	55	32	55	33	49	32								
						4	Very often	24	8	11	8	13	8	13	8	11	7								
						Total		319	100	136	100	170	100	165	100	151	100								
c. Prepare for exams by discussing or working through course material with other students				cCLstudy		1	Never	18	6	8	6	9	5	9	6	9	6	2.6	2.7	-.03	2.6	2.7	-.14		
						2	Sometimes	132	42	58	42	69	41	74	45	55	36								
						3	Often	113	36	47	34	63	37	55	34	58	38								
						4	Very often	54	17	24	18	29	17	25	15	29	19								
						Total		317	100	137	100	170	100	163	100	151	100								
d. Work with other students on course projects or assignments				cCLprojct		1	Never	14	4	7	5	6	4	5	3	9	6	2.6	2.6	-.07	2.6	2.6	.03		
						2	Sometimes	140	44	63	46	72	43	74	46	65	43								
						3	Often	116	37	46	34	65	39	60	37	54	36								
						4	Very often	46	15	21	15	25	15	23	14	23	15								
						Total		316	100	137	100	168	100	162	100	151	100								
e. Talk about career plans with a faculty member				cSFCareer		1	Never	20	6	11	8	8	5	8	5	12	8	2.4	2.4	.18	2.4	2.4	.06		
						2	Sometimes	182	57	70	51	104	62	94	58	85	56								
						3	Often	80	25	33	24	45	27	43	26	37	25								
						4	Very often	35	11	23	17	12	7	18	11	17	11								
						Total		317	100	137	100	169	100	163	100	151	100								
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)				cSFothrwrk		1	Never	56	18	22	16	30	18	30	18	26	17	2.2	2.2	.12	2.2	2.2	.00		
						2	Sometimes	169	53	72	53	92	54	84	52	82	54								
						3	Often	70	22	30	22	38	22	38	23	32	21								
						4	Very often	22	7	13	9	9	5	11	7	11	7								
						Total		317	100	137	100	169	100	163	100	151	100								

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

				Frequency Distributions								Statistical Comparisons										
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation		Self-Reported Previous Grades				First-Generation			Self-Reported Previous Grades						
				Count	%	Mean	Count	%	Yes		No		Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
g Discuss your academic performance with a faculty member	cSFperform	1	Never	17	5		2	1	13	8	9	6	8	5								
		2	Sometimes	172	54		70	51	95	56	93	57	77	51								
		3	Often	92	29	2.5	48	35	43	25	43	27	49	32	2.6	2.4 *	.26	2.4	2.5	-.10		
		4	Very often	35	11		17	12	18	11	17	10	17	11								
		Total		316	100		137	100	169	100	162	100	151	100								
h Discuss course topics, ideas, or concepts with a faculty member outside of class	cSFdiscuss	1	Never	32	10		11	8	19	11	17	10	15	10								
		2	Sometimes	178	57		73	54	100	59	91	56	85	58								
		3	Often	68	22	2.3	33	24	34	20	39	24	29	20	2.4	2.3	.19	2.3	2.3	-.02		
		4	Very often	34	11		18	13	16	9	15	9	18	12								
		Total		312	100		135	100	169	100	162	100	147	100								
i Prepare two or more drafts of a paper or assignment before turning it in	cdrafting	1	Never	20	6		10	7	9	5	9	6	10	7								
		2	Sometimes	136	43		58	43	73	43	68	42	68	46								
		3	Often	111	35	2.6	43	32	66	39	63	39	48	32	2.6	2.6	.02	2.6	2.6	.07		
		4	Very often	47	15		25	18	22	13	23	14	22	15								
		Total		314	100		136	100	170	100	163	100	148	100								
j Come to class without completing readings or assignments	cunpreparad	1	Never	199	63		83	61	113	67	103	63	96	65								
		2	Sometimes	86	27		41	30	42	25	45	28	39	26								
		3	Often	15	5	1.5	4	3	10	6	8	5	6	4	1.6	1.4	.15	1.5	1.5	.02		
		4	Very often	14	4		9	7	4	2	7	4	7	5								
		Total		314	100		137	100	169	100	163	100	148	100								
<b>16. During the coming school year, about how often do you expect to have discussions with people from the following groups?</b>																						
a. People of a race or ethnicity other than your own	cDVrace	1	Never	4	1		1	1	3	2	1	1	3	2								
		2	Sometimes	71	23		34	25	34	20	36	22	33	22								
		3	Often	121	39	3.1	49	36	70	41	63	39	58	39	3.1	3.1	-.01	3.2	3.1	.07		
		4	Very often	118	38		53	39	63	37	63	39	54	36								
		Total		314	100		137	100	170	100	163	100	148	100								
b. People from an economic background other than your own	cDVeconomic	1	Never	5	2		1	1	4	2	2	1	3	2								
		2	Sometimes	66	21		32	23	32	19	32	20	32	22								
		3	Often	126	40	3.1	53	39	70	41	67	41	59	40	3.1	3.1	-.02	3.2	3.1	.06		
		4	Very often	117	37		51	37	64	38	62	38	54	36								
		Total		314	100		137	100	170	100	163	100	148	100								

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

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

				Frequency Distributions								Statistical Comparisons										
Item wording or description	Variable name	Values <sup>c</sup>	Response options	All Students			First-Generation		Self-Reported Previous Grades				First-Generation		Self-Reported Previous Grades							
				Count	%	Mean	Count	%	Yes		No		Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
												A- or higher	B+ or lower									
c. People with religious beliefs other than your own	cDVreligion	1	Never	10	3		5	4	5	3	4	2	6	4								
		2	Sometimes	71	23		31	23	38	22	36	22	33	22								
		3	Often	111	35	3.1	50	36	59	35	57	35	54	36	3.1	3.1	-.05	3.1	3.1	.08		
		4	Very often	122	39		51	37	68	40	66	40	55	37								
		Total		314	100		137	100	170	100	163	100	148	100								
d. People with political views other than your own	cDVpolitical	1	Never	11	4		2	1	8	5	8	5	3	2								
		2	Sometimes	81	26		32	23	48	28	40	25	38	26								
		3	Often	106	34	3.0	50	36	54	32	51	31	55	37	3.1	3.0	.18	3.0	3.0	.00		
		4	Very often	115	37		53	39	59	35	64	39	51	35								
		Total		313	100		137	100	169	100	163	100	147	100								
<b>17. During the coming school year, how certain are you that you will do the following?</b>																						
a. Study when there are other interesting things to do	cotherint	1	Not at all certain	5	2		0	0	5	3	2	1	3	2								
		2		13	4		6	4	7	4	6	4	7	5								
		3		44	14		17	12	26	15	17	10	26	18								
		4		98	32	4.4	45	33	52	31	42	26	55	38	4.5	4.3	.21	4.6	4.2	**	.35	
		5		92	30		37	27	53	32	59	36	32	22								
		6	Very certain	58	19		32	23	25	15	36	22	22	15								
Total		310	100		137	100	168	100	162	100	145	100										
b. Find additional information for course assignments when you don't understand the material	cfindinfo	1	Not at all certain	3	1		0	0	3	2	2	1	1	1								
		2		6	2		1	1	5	3	2	1	4	3								
		3		34	11		10	7	23	14	13	8	21	14								
		4		80	26	4.7	35	26	44	26	35	22	42	29	4.9	4.5 **	.34	4.9	4.6	*	.27	
		5		101	33		46	34	54	32	59	36	42	29								
		6	Very certain	86	28		45	33	39	23	51	31	35	24								
Total		310	100		137	100	168	100	162	100	145	100										
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	1	Not at all certain	2	1		0	0	2	1	1	1	1	1								
		2		7	2		2	1	5	3	3	2	4	3								
		3		47	15		22	16	24	14	19	12	27	19								
		4		91	29	4.5	39	28	50	30	49	30	41	28	4.6	4.5	.08	4.6	4.5	.17		
		5		89	29		40	29	49	29	48	30	40	28								
		6	Very certain	74	24		34	25	38	23	42	26	32	22								
Total		310	100		137	100	168	100	162	100	145	100										

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

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

		Frequency Distributions												Statistical Comparisons							
Item wording or description	Variable name	Values <sup>c</sup>	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	ES	A- or higher B+ or lower					
							Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
d. Ask instructors for help when you struggle with course assignments	caskinst	1	Not at all certain	2	1		1	1	1	1	2	1	0	0							
		2		8	3		2	1	6	4	4	2	4	3							
		3		31	10		10	7	19	11	15	9	15	10							
		4		67	22	4.8	27	20	39	23	34	21	33	23	5.0	4.7 *	.24	4.8	4.8	.02	
		5		97	31		44	32	53	32	50	31	46	32							
		6	Very certain	105	34		53	39	50	30	57	35	47	32							
		Total		310	100		137	100	168	100	162	100	145	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	0								
		2		1	0		1	1	0	0	0	0	1	1							
		3		20	6		8	6	11	7	9	6	11	8							
		4		67	22	5.0	22	16	45	27	31	19	34	23	5.1	4.9	.19	5.1	4.9	.19	
		5		113	36		53	39	59	35	59	36	53	37							
		6	Very certain	109	35		53	39	53	32	63	39	46	32							
		Total		310	100		137	100	168	100	162	100	145	100							
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	1	Not at all certain	6	2		0	0	6	4	4	2	2	1							
		2		16	5		7	5	9	5	8	5	8	6							
		3		40	13		14	10	25	15	21	13	19	13							
		4		96	31	4.5	41	30	55	33	54	33	41	28	4.7	4.3 **	.31	4.4	4.5	-.03	
		5		71	23		31	23	39	23	30	19	40	28							
		6	Very certain	81	26		44	32	34	20	45	28	35	24							
		Total		310	100		137	100	168	100	162	100	145	100							
<b>18. During the coming school year, how difficult do you expect the following to be?</b>																					
a. Learning course material	cleamma	1	Not at all difficult	5	2		2	1	1	1	3	2	2	1							
		2		30	10		14	10	16	10	13	8	17	12							
		3		76	25		32	23	43	26	38	23	38	26							
		4		103	33	3.9	44	32	58	35	56	35	45	31	4.0	3.9	.06	4.0	3.9	.10	
		5		62	20		26	19	36	21	34	21	28	19							
		6	Very difficult	34	11		19	14	14	8	18	11	15	10							
		Total		310	100		137	100	168	100	162	100	145	100							

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

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

Item wording or description	Variable name	Values <sup>c</sup>	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	14	5		7	5	6	4	9	6	5	3							
		2		29	9		10	7	19	11	16	10	13	9							
		3		66	21		30	22	34	20	31	19	35	24							
		4		84	27	4.0	41	30	43	26	48	30	35	24	4.0	4.0	-.01	4.0	4.0	-.03	
		5		71	23		29	21	42	25	33	20	38	26							
		6	Very difficult	46	15		20	15	24	14	25	15	19	13							
		Total		310	100		137	100	168	100	162	100	145	100							
c. Paying college or university expenses	cpaycoll	1	Not at all difficult	26	8		9	7	17	10	13	8	13	9							
		2		36	12		9	7	27	16	19	12	16	11							
		3		56	18		22	16	33	20	35	22	21	14							
		4		75	24	3.9	36	26	37	22	37	23	38	26	4.2	3.6 **	.38	3.8	4.0	-.10	
		5		50	16		21	15	29	17	27	17	23	16							
		6	Very difficult	66	21		39	29	25	15	30	19	34	23							
		Total		309	100		136	100	168	100	161	100	145	100							
d. Getting help with school work	cgethelp	1	Not at all difficult	27	9		13	10	12	7	15	9	12	8							
		2		58	19		24	18	33	20	31	19	26	18							
		3		81	26		36	26	45	27	42	26	39	27							
		4		80	26	3.4	31	23	49	29	41	25	38	26	3.4	3.4	.05	3.4	3.4	-.04	
		5		39	13		20	15	19	11	19	12	19	13							
		6	Very difficult	24	8		12	9	10	6	13	8	11	8							
		Total		309	100		136	100	168	100	161	100	145	100							
e. Making new friends	cmakefr	1	Not at all difficult	38	12		14	10	22	13	16	10	22	15							
		2		36	12		17	12	18	11	16	10	19	13							
		3		54	17		28	20	26	15	29	18	25	17							
		4		69	22	3.8	29	21	40	24	37	23	31	21	3.8	3.8	.02	4.0	3.6	.19	
		5		48	15		18	13	30	18	27	17	20	14							
		6	Very difficult	65	21		31	23	32	19	37	23	28	19							
		Total		310	100		137	100	168	100	162	100	145	100							
f. Interacting with faculty	cintfac	1	Not at all difficult	41	13		16	12	23	14	16	10	25	17							
		2		44	14		22	16	22	13	28	17	16	11							
		3		81	26		37	27	44	26	43	27	36	25							
		4		65	21	3.4	25	19	40	24	36	22	29	20	3.4	3.4	.02	3.4	3.4	.04	
		5		50	16		22	16	27	16	22	14	28	19							
		6	Very difficult	27	9		13	10	12	7	16	10	11	8							
		Total		310	100		137	100	168	100	162	100	145	100							

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

## Frequencies and Statistical Comparisons

### Illinois State University

#### Transfer Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions								Statistical Comparisons								
				All Students				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	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
		Total		308	100			135	100	168	100	161	100	145	100					

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

Item wording or description	Variable name	Values <sup>c</sup>	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
<b>19. During the coming school year, about how often do you expect to seek help with coursework from the following sources?</b>																				
a. Faculty members	cseekfac	1	Never	6	2			1	1	3	2	5	3	1	1					
		2	Sometimes	145	47			61	45	82	49	73	45	71	49					
		3	Often	107	35	2.7		50	37	57	34	57	35	48	33	2.7	2.6	.11	2.6	2.7
		4	Very often	50	16			24	18	26	15	26	16	24	17					
			Total	308	100			136	100	168	100	161	100	144	100					
b. Academic advisors	cseekaa	1	Never	33	11			13	9	17	10	22	14	10	7					
		2	Sometimes	155	50			64	47	90	54	76	47	78	54					
		3	Often	92	30	2.4		46	34	46	27	48	30	43	30	2.4	2.4	.12	2.3	2.4
		4	Very often	29	9			14	10	15	9	15	9	14	10					
			Total	309	100			137	100	168	100	161	100	145	100					
c. Learning support services (tutoring, writing center, success coaching, etc.)	cseekls	1	Never	37	12			16	12	19	11	26	16	10	7					
		2	Sometimes	163	53			74	54	88	53	80	50	82	57					
		3	Often	72	23	2.3		29	21	43	26	40	25	31	22	2.4	2.3	.01	2.3	2.4
		4	Very often	35	11			18	13	17	10	14	9	21	15					
			Total	307	100			137	100	167	100	160	100	144	100					
d. Friends or other students	cseekfrnd	1	Never	9	3			4	3	4	2	4	3	5	3					
		2	Sometimes	98	32			45	33	51	30	53	33	44	30					
		3	Often	146	47	2.8		67	49	79	47	73	46	72	50	2.8	2.9	-.11	2.8	2.8
		4	Very often	55	18			21	15	34	20	30	19	24	17					
			Total	308	100			137	100	168	100	160	100	145	100					
e. Family members	cseekfam	1	Never	72	23			38	28	33	20	36	23	36	25					
		2	Sometimes	146	47			67	49	77	46	78	49	67	46					
		3	Often	60	19	2.2		24	18	36	21	30	19	28	19	2.0	2.3 **	-.30	2.2	2.1
		4	Very often	30	10			8	6	22	13	16	10	14	10					
			Total	308	100			137	100	168	100	160	100	145	100					
f. Other persons or offices	cseekoth	1	Never	72	23			34	25	36	21	44	28	27	19					
		2	Sometimes	173	56			74	54	98	58	86	54	86	60					
		3	Often	50	16	2.0		23	17	27	16	25	16	24	17	2.0	2.0	-.05	1.9	2.1
		4	Very often	12	4			5	4	7	4	5	3	7	5					
			Total	307	100			136	100	168	100	160	100	144	100					

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

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

Item wording or description	Variable name	Values <sup>c</sup>	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
<b>20. How prepared are you to do the following in your academic work at this institution?</b>																				
a. Write clearly and effectively	cSGwrite	1	Not at all prepared	1	0		0	0	1	1	1	1	0	0						
		2		1	0		0	0	1	1	0	0	1	1						
		3		23	7		13	9	9	5	10	6	12	8						
		4		67	22	5.0	25	18	42	25	33	21	34	24	5.0	4.9	.05	5.0	4.9	.07
		5		110	36		51	37	59	35	62	39	48	33						
		6	Very prepared	105	34		48	35	56	33	54	34	49	34						
		Total		307	100		137	100	168	100	160	100	144	100						
b. Speak clearly and effectively	cSGspeak	1	Not at all prepared	0	0		0	0	0	0	0	0	0							
		2		1	0		0	0	1	1	1	1	0	0						
		3		28	9		12	9	15	9	14	9	14	10						
		4		66	21	4.9	28	20	38	23	30	19	34	24	5.0	4.9	.09	4.9	4.9	-.03
		5		115	37		50	36	64	38	70	44	44	31						
		6	Very prepared	97	32		47	34	50	30	45	28	52	36						
		Total		307	100		137	100	168	100	160	100	144	100						
c. Think critically and analytically	cSGthink	1	Not at all prepared	2	1		1	1	1	1	0	0	2	1						
		2		4	1		2	1	2	1	3	2	1	1						
		3		25	8		12	9	12	7	12	8	13	9						
		4		55	18	4.9	17	12	38	23	30	19	22	15	5.0	4.9	.10	4.9	5.0	-.03
		5		115	37		54	39	61	36	63	39	52	36						
		6	Very prepared	106	35		51	37	54	32	52	33	54	38						
		Total		307	100		137	100	168	100	160	100	144	100						
d. Analyze numerical and statistical information	cSGanalyze	1	Not at all prepared	2	1		1	1	1	1	1	1	1							
		2		11	4		6	4	5	3	5	3	6	4						
		3		46	15		22	16	23	14	29	18	17	12						
		4		62	20	4.6	21	15	41	24	32	20	28	19	4.6	4.6	.02	4.6	4.7	-.11
		5		105	34		49	36	56	33	53	33	51	35						
		6	Very prepared	81	26		38	28	42	25	40	25	41	28						
		Total		307	100		137	100	168	100	160	100	144	100						

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

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

Item wording or description	Variable name	Values <sup>c</sup>	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
e. Work effectively with others	cSGothers	1	Not at all prepared	1	0		0	0	1	1	1	1	0	0							
		2		1	0		1	1	0	0	0	0	1	1							
		3		22	7	5.1	10	7	11	7	13	8	9	6							
		4		52	17		21	15	31	18	21	13	30	21	5.1	5.0	.08	5.1	5.0	.02	
		5		111	36		47	34	63	38	63	39	46	32							
		6	Very prepared	120	39		58	42	62	37	62	39	58	40							
	Total	307	100		137	100	168	100	160	100	144	100									
f. Use computing and information technology	cgncmpt13	1	Not at all prepared	1	0		0	0	1	1	1	1	0	0							
		2		4	1		3	2	1	1	0	0	4	3							
		3		22	7	4.8	11	8	10	6	14	9	8	6							
		4		78	25		34	25	44	26	38	24	39	27	4.8	4.9	-.05	4.9	4.8	.05	
		5		111	36		49	36	62	37	57	36	52	36							
		6	Very prepared	90	29		40	29	49	29	49	31	41	28							
	Total	306	100		137	100	167	100	159	100	144	100									
g. Learn effectively on your own	cgningq	1	Not at all prepared	2	1		1	1	1	1	1	1	1								
		2		8	3		7	5	1	1	1	1	7	5							
		3		35	11	4.8	16	12	18	11	21	13	13	9							
		4		65	21		22	16	43	26	30	19	33	23	4.7	4.8	-.03	4.8	4.7	.07	
		5		102	33		47	34	55	33	57	36	45	31							
		6	Very prepared	94	31		44	32	49	29	49	31	45	31							
	Total	306	100		137	100	167	100	159	100	144	100									
<b>21. How important is it to you that your institution provides the following?</b>																					
a. A challenging academic experience	cacadexp	1	Not important	6	2		2	1	4	2	2	1	4	3							
		2		11	4		9	7	2	1	6	4	5	3							
		3		49	16	4.3	23	17	25	15	24	15	25	17							
		4		112	36		43	31	68	40	60	38	51	35	4.2	4.3	-.06	4.3	4.2	.07	
		5		83	27		39	28	44	26	44	28	37	26							
		6	Very important	46	15		21	15	25	15	24	15	22	15							
	Total	307	100		137	100	168	100	160	100	144	100									

# Frequencies and Statistical Comparisons

## Illinois State University

### Transfer Students

Item wording or description	Variable name	Values <sup>c</sup>	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									
				6	2		3	2	3	2	1	1	5	3								
				12	4		5	4	6	4	7	4	5	3								
				47	15	5.2	20	15	27	16	21	13	25	17	5.3	5.2	.03	5.3	5.2	.11		
				81	26		35	26	46	27	47	29	33	23								
				161	52		74	54	86	51	84	53	76	53								
			Total	307	100		137	100	168	100	160	100	144	100								
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	cSEdiv	1	Not important	3	1		1	1	1	1	2	1	1	1								
				6	2		3	2	3	2	0	0	5	3								
				19	6		8	6	10	6	11	7	8	6								
				63	21	5.0	27	20	36	21	31	19	31	22	5.0	5.0	-.04	5.1	5.0	.08		
				82	27		41	30	41	24	46	29	36	25								
				133	43		56	41	77	46	70	44	62	43								
			Total	306	100		136	100	168	100	160	100	143	100								
d. Help managing your non- academic responsibilities (work, family, etc.)	cSEnacad	1	Not important	4	1		1	1	3	2	2	1	2	1								
				10	3		4	3	5	3	5	3	3	2								
				42	14		16	12	25	15	21	13	21	15								
				69	23	4.7	29	21	40	24	36	23	32	22	4.8	4.6	.16	4.6	4.7	-.07		
				84	27		39	28	45	27	50	31	34	24								
				97	32		48	35	49	29	45	28	52	36								
			Total	306	100		137	100	167	100	159	100	144	100								
e. Opportunities to be involved socially	cSESoc	1	Not important	4	1		1	1	2	1	3	2	1	1								
				12	4		4	3	8	5	5	3	6	4								
				31	10		14	10	16	10	18	11	13	9								
				64	21	4.7	34	25	30	18	34	21	28	19	4.7	4.8	-.07	4.7	4.8	-.13		
				102	33		47	34	55	33	56	35	46	32								
				94	31		37	27	57	34	44	28	50	35								
			Total	307	100		137	100	168	100	160	100	144	100								
f. Opportunities to attend campus activities and events	cSEact	1	Not important	8	3		3	2	4	2	3	2	4	3								
				9	3		7	5	2	1	5	3	4	3								
				34	11		14	10	19	11	19	12	15	10								
				66	22	4.7	31	23	35	21	34	21	30	21	4.6	4.8	-.14	4.7	4.7	-.05		
				93	30		44	32	49	29	51	32	42	29								
				96	31		38	28	58	35	47	30	49	34								

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

## Frequencies and Statistical Comparisons

### Illinois State University

#### Transfer Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions								Statistical Comparisons							
				All Students				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		
		Total		306	100	137	100	167	100	159	100	144	100						

## Frequencies and Statistical Comparisons

### Illinois State University

#### Transfer Students

Item wording or description	Variable name	Values <sup>c</sup>	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	ES	A- or higher		B+ or lower	
							Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Mean	ES	
g. Learning support services (tutoring, writing center, success coaching, etc.)	cSEserv	1	Not important	3	1			1	1	2	1	1									
		2		13	4			5	4	8	5	7	4								
		3		34	11			18	13	15	9	18	11								
		4		66	22	4.8			28	21	38	23	32	20	4.8	4.8	.03	4.7	4.8	-.11	
		5		81	26				30	22	51	30	51	32							
		6	Very important	109	36				54	40	55	33	50	31							
	Total			306	100			136	100	168	100	160	100								

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**BCSSE 2020**  
**Transfer Student Scale Means**  
Illinois State University

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BCSSE Scales provide a useful summary of the detailed information contained in your students' BCSSE responses. By combining responses to related BCSSE questions, each scale offers valuable information about a distinct aspect of student engagement.

1. **Student status:** As reported by your students.
2. **Scale description and variable name:** A brief description of the BCSSE scale along with the variable name for easy reference to your datafile and codebook. See Scale Descriptions for more information.
3. **Mean:** The unweighted scale mean is reported overall for the institution, as well as by first-generation status and self-reported previous grades.
4. **Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #5) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t-tests

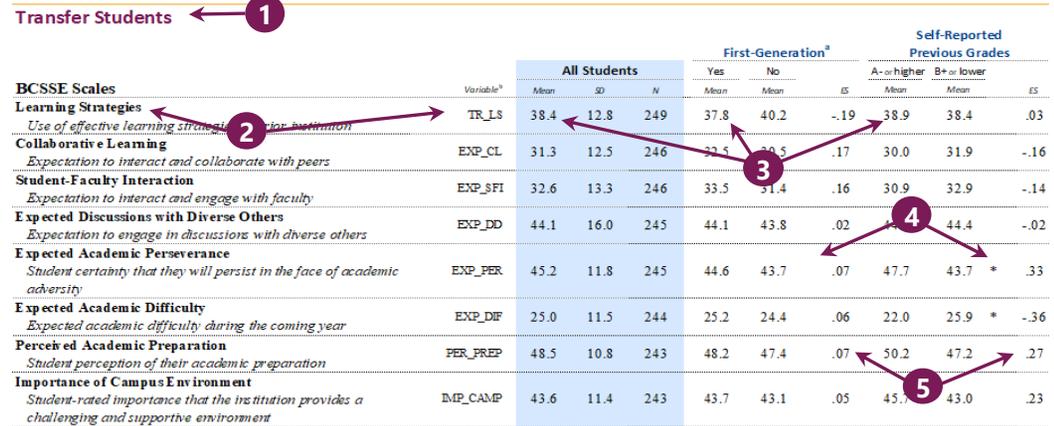
5. **Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. Effect sizes for independent  $t$ -tests use Cohen's  $d$ . Cohen's  $d$  is calculated by dividing the mean difference by the pooled standard deviation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

### Mean Scale Scores and Selected Student Comparisons

BCSSEville State University

Transfer Students ← 1

BCSSE Scales	Variable <sup>a</sup>	All Students			First-Generation <sup>b</sup>			Self-Reported Previous Grades		
		Mean	SD	N	Yes	No	ES	A- or higher	B+ or lower	ES
					Mean	Mean		Mean	Mean	
<b>Learning Strategies</b> <i>Use of effective learning strategies for institution</i>	TR_LS	38.4	12.8	249	37.8	40.2	-.19	38.9	38.4	.03
<b>Collaborative Learning</b> <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
<b>Student-Faculty Interaction</b> <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
<b>Expected Discussions with Diverse Others</b> <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
<b>Expected Academic Perseverance</b> <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	*
<b>Expected Academic Difficulty</b> <i>Expected academic difficulty during the coming year</i>	EXP_DIF	25.0	11.5	244	25.2	24.4	.06	22.0	25.9	*
<b>Perceived Academic Preparation</b> <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
<b>Importance of Campus Environment</b> <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	45.7	43.0	.23



## Mean Scale Scores and Selected Student Comparisons

### Illinois State University

#### Transfer Students

BCSSE Scales	Variable <sup>b</sup>	All Students			First-Generation <sup>a</sup>			Self-Reported Previous Grades			
					Yes	No	ES	A- or higher	B+ or lower	ES	
		Mean	SD	N	Mean	Mean		Mean	Mean		
<b>Learning Strategies</b> <i>Use of effective learning strategies at prior institution</i>	TR_LS	42.9	12.4	325	43.7	42.5	.10	44.5	41.2	*	.26
<b>Collaborative Learning</b> <i>Expectation to interact and collaborate with peers</i>	EXP_CL	30.5	12.6	318	30.1	31.1	-.08	30.3	30.7		-.03
<b>Student-Faculty Interaction</b> <i>Expectation to interact and engage with faculty</i>	EXP_SFI	26.9	13.3	317	28.8	26.0	.22	26.8	27.1		-.02
<b>Expected Discussions with Diverse Others</b> <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	42.0	15.1	314	42.2	41.9	.02	42.5	41.7		.05
<b>Expected Academic Perseverance</b> <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	43.9	9.9	310	45.5	42.5	**	.31	44.9	42.8	.21
<b>Expected Academic Difficulty</b> <i>Expected academic difficulty during the coming year</i>	EXP_DIF	32.1	12.7	310	32.5	31.9	.04	32.2	31.9		.03
<b>Perceived Academic Preparation</b> <i>Student perception of their academic preparation</i>	PER_PREP	46.4	9.8	307	46.7	46.3	.05	46.5	46.5		.00
<b>Importance of Campus Environment</b> <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	45.2	9.7	307	45.2	45.4	-.02	45.2	45.4		-.03

### 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, hLSsummry
<i>Learning Strategies</i> ( <i>TR_LS</i> )	Use of effective learning strategies at prior institution (Transfer students only)	tLSreading, tLSnotes, tLSsummry
<i>Collaborative Learning</i> ( <i>EXP_CL</i> )	Expectation to interact and collaborate with peers	fyCLaskhlp, fyCLxplain, fyCLstudy, fyCLprojct
<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, cgning
<i>Importance of Campus Environment</i> ( <i>IMP_CAMP</i> )	Student-rated importance that the institution provides a challenging and supportive	fyacadexp, fySEacad, fySEdiv, fySEacad, fySEsoc, fySEact, fySEenv



- 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.