

Illinois State University

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University Assessment Services

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2019

## University Assessment Services, Beginning College Survey of Student Engagement: Transfer Student Institutional Report, 2019

Illinois State University

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# BCSSE 2019

## 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 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.



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**BCSSE 2019**  
**Transfer Student Respondent Profile**  
Illinois State University

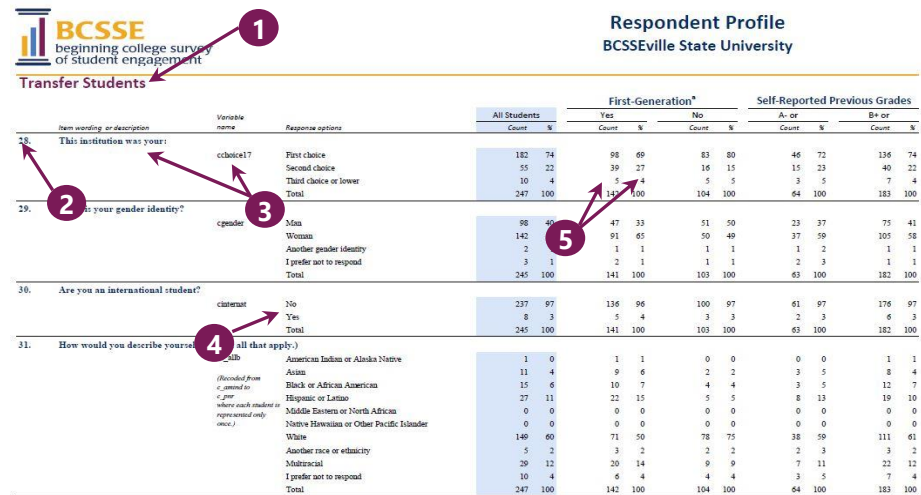
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# Respondent Profile

## About This Report

The *Respondent Profile* presents overall student demographic information, as well as by first-generation status and high school grades. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website ([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 codenook available on the BCSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
- Response options:** Response options are worded as they appear on the instrument (except where abbreviations are used for formatting purposes).
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the percentage of students selecting the corresponding response option. Percentages may not sum to 100 due to rounding



**Respondent Profile**  
BCSEville State University

**Transfer Students**

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.)	idb	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 7 5 64	0 5 5 13 0 0 59 3 11 5 100	1 8 12 19 0 0 111 3 22 7 183	0 4 12 10 0 0 61 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 2016	47	25	25	35	18	20	20	22	27	29	
		2016	19	10	8	11	8	9	8	9	10	11	
		2017	81	44	27	38	46	51	45	49	36	39	
		2018	39	21	11	15	18	20	19	21	19	21	
		2019	0	0	0	0	0	0	0	0	0	0	
		Total	186	100	71	100	90	100	92	100	92	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	186	100	71	100	90	100	92	100	92	100	
	tmilitary	Military service	5	3	3	4	1	1	4	4	1	1	
	twork_ft	Work full-time	56	30	25	35	27	30	23	25	33	36	
	twork_pt	Work part-time	110	59	47	66	49	54	59	64	51	55	
	thome	Homemaker or stay at home spouse	7	4	5	7	2	2	6	7	1	1	
	tvolunteer	Volunteer	27	15	14	20	11	12	20	22	7	8	
	tsinceoth	Other	5	3	1	1	3	3	1	1	4	4	
<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	6	3	2	3	4	5	3	3	3	3	
	tattend_com	Community or junior college	157	85	62	87	73	83	81	88	74	82	
	tattend_col	4-year college or university other than this one	47	26	17	24	23	26	20	22	27	30	
	tattend_other	Other	1	1	1	1	0	0	1	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	26	14	11	15	10	11	11	12	15	16	
		31-45	37	20	10	14	21	23	14	15	22	24	
		46-60	51	27	17	24	28	31	22	24	28	30	
		More than 60	72	39	33	46	31	34	45	49	27	29	
		Total	186	100	71	100	90	100	92	100	92	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	1	1	1	0	0	0	0	1	1
		C+	5	3	2	3	1	1	0	0	5	5
		B-	9	5	4	6	5	6	0	0	9	10
		B	32	17	8	11	20	22	0	0	32	35
		B+	45	24	16	23	20	22	0	0	45	49
		A-	27	15	11	15	12	13	27	29	0	0
		A	65	35	29	41	32	36	65	71	0	0
		Grades not used	0	0	0	0	0	0	0	0	0	0
		Total	184	100	71	100	90	100	92	100	92	100
<b>WT6. What is the most recent year you were enrolled at other institution?</b>												
	tattendyr	2019	154	84	57	80	78	87	76	84	77	85
		2018	18	10	11	15	6	7	10	11	8	9
		2017	3	2	0	0	1	1	1	1	2	2
		2016	4	2	1	1	3	3	3	3	1	1
		2015	1	1	0	0	1	1	0	0	1	1
		2014	0	0	0	0	0	0	0	0	0	0
		Prior to 2014	3	2	2	3	1	1	1	1	2	2
		Total	183	100	71	100	90	100	91	100	91	100
<b>WT7. Will you continue attending this other institution during the coming school year?</b>												
	tcontin	No	138	89	53	93	69	87	72	95	65	83
		Yes	11	7	2	4	6	8	2	3	9	12
		Not sure	6	4	2	4	4	5	2	3	4	5
		Total	155	100	57	100	79	100	76	100	78	100



### Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported Previous Grades			
			Count	%	Yes		No		Higher		Lower	
					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>												
	tcomplrg	Completed program/degree	76	55	35	66	35	51	48	68	27	42
	tplanned	Always planned on transferring	73	53	26	49	40	59	38	54	35	54
	texpense	Too expensive	11	8	4	8	4	6	5	7	6	9
	tnomajor	Did not offer the major you are interested in	14	10	2	4	9	13	6	8	8	12
	tinconven	Inconvenient course scheduling	5	4	4	8	0	0	2	3	3	5
	ttoofar	Too far from where you lived	9	7	3	6	4	6	3	4	6	9
	tfamperinfl	Family or personal relationship	7	5	2	4	4	6	3	4	4	6
	tqacad	Quality of academic programs	8	6	3	6	3	4	2	3	6	9
	tacaddiff	Academic difficulty	3	2	0	0	1	1	0	0	3	5
	tdissatis	Personal dissatisfaction	17	12	6	11	7	10	3	4	14	22
	treasnoth	Other	5	4	2	4	3	4	3	4	2	3
<b>WTD10. How many more years do you expect it will take to complete your bachelor's degree?</b>												
	tyrscmpl	1 year	6	3	3	4	2	2	3	3	3	3
		2 years	120	67	46	65	61	68	61	68	58	66
		3 years	43	24	18	25	22	24	22	24	21	24
		4 years or longer	10	6	4	6	5	6	4	4	6	7
		Do not plan to complete a bachelor's degree	0	0	0	0	0	0	0	0	0	0
		Total	179	100	71	100	90	100	90	100	88	100
<b>WTD11. Will you take at least one course from another college or university while attending this institution?</b>												
	tanthinst	No	89	50	37	52	42	47	45	50	44	51
		Yes	26	15	8	11	16	18	8	9	18	21
		Not sure	63	35	26	37	31	35	37	41	25	29
		Total	178	100	71	100	89	100	90	100	87	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>22.</b>	<b>Which of the following sources are you using to pay 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	89	56	29	41	60	67	42	51	47	62
		Not using	51	32	33	47	18	20	28	34	23	30
		Not sure	19	12	8	11	11	12	13	16	6	8
		Total	159	100	70	100	89	100	83	100	76	100
Loans	cloans	Using	107	69	46	67	61	70	53	65	54	73
		Not using	36	23	18	26	18	21	21	26	15	20
		Not sure	13	8	5	7	8	9	8	10	5	7
		Total	156	100	69	100	87	100	82	100	74	100
Grants or scholarships	cgrants	Using	89	57	39	58	50	56	47	57	42	57
		Not using	40	26	16	24	24	27	20	24	20	27
		Not sure	27	17	12	18	15	17	15	18	12	16
		Total	156	100	67	100	89	100	82	100	74	100
Employment on- or off-campus	cjob	Using	95	60	42	61	53	60	55	68	40	52
		Not using	33	21	14	20	19	21	13	16	20	26
		Not sure	30	19	13	19	17	19	13	16	17	22
		Total	158	100	69	100	89	100	81	100	77	100
Personal savings or other sources	cpersonal	Using	120	75	55	79	65	72	65	78	55	71
		Not using	24	15	10	14	14	16	11	13	13	17
		Not sure	16	10	5	7	11	12	7	8	9	12
		Total	160	100	70	100	90	100	83	100	77	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-	1	1	1	1	0	0	0	0	1	1
		B	25	16	10	14	15	17	4	5	21	27
		B+	39	24	19	27	20	22	14	17	25	32
		A-	38	24	18	25	20	22	24	29	14	18
		A	58	36	23	32	35	39	42	50	16	21
		Grades not used	0	0	0	0	0	0	0	0	0	0
		Total	161	100	71	100	90	100	84	100	77	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	0	0	0	0	0	0	0	0	0	0	0
		Yes	159	99	69	99	90	100	83	99	76	100	
		Uncertain	1	1	1	1	0	0	1	1	0	0	
		Total	160	100	70	100	90	100	84	100	76	100	
<b>25. Do you know what your major will be?</b>													
	cmajor	No	3	2	0	0	3	3	1	1	2	3	
		Yes, specify	158	98	71	100	87	97	83	99	75	97	
		Total	161	100	71	100	90	100	84	100	77	100	
<i>(Recoded variable cmajcode into one of 12 major categories listed at right.)</i>	cmajrcol	Arts & Humanities	13	8	9	13	4	5	9	11	4	5	
		Biological Sci., Agriculture, & Natural Resources	9	6	1	1	8	9	2	2	7	9	
		Physical Sci., Mathematics, & Computer Science	7	4	4	6	3	3	4	5	3	4	
		Social Sciences	15	10	8	11	7	8	8	10	7	9	
		Business	21	13	10	14	11	13	8	10	13	17	
		Communications, Media, & Public Relations	6	4	3	4	3	3	4	5	2	3	
		Education	37	24	19	27	18	21	20	24	17	23	
		Engineering	2	1	1	1	1	1	0	0	2	3	
		Health Professions	27	17	8	11	19	22	19	23	8	11	
		Social Service Professions	8	5	5	7	3	3	5	6	3	4	
		All Other	12	8	2	3	10	11	3	4	9	12	
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0	
		Total	157	100	70	100	87	100	82	100	75	100	
<b>26. Are you (or will you be) a full-time student at this institution?</b>													
	cfulltime18	No	4	2	4	6	0	0	3	4	1	1	
		Yes	157	98	67	94	90	100	81	96	76	99	
		Total	161	100	71	100	90	100	84	100	77	100	
<b>27. How many of your close friends will attend this college during the coming year?</b>													
	cfriends	None	69	43	33	47	36	40	32	39	37	48	
		1	29	18	11	16	18	20	13	16	16	21	
		2	24	15	11	16	13	14	15	18	9	12	
		3	11	7	6	9	5	6	7	8	4	5	
		4 or more	27	17	9	13	18	20	16	19	11	14	

### Transfer Students

Item wording or description	Variable name	Response options	All Students		First-Generation <sup>a</sup>				Self-Reported Previous Grades			
			Count	%	Yes		No		Higher		Lower	
					Count	%	Count	%	Count	%	Count	%
		Total	160	100	70	100	90	100	83	100	77	100
<b>28. This institution was your:</b>												
	cchoice17	First choice	123	76	52	73	71	79	73	87	50	65
		Second choice	35	22	19	27	16	18	11	13	24	31
		Third choice or lower	3	2	0	0	3	3	0	0	3	4
		Total	161	100	71	100	90	100	84	100	77	100
<b>29. What is your gender identity?</b>												
	cgender	Man	53	33	21	30	32	36	19	23	34	44
		Woman	105	65	49	69	56	62	63	75	42	55
		Another gender identity	1	1	1	1	0	0	1	1	0	0
		I prefer not to respond	2	1	0	0	2	2	1	1	1	1
		Total	161	100	71	100	90	100	84	100	77	100
<b>30. Are you an international student?</b>												
	cinternat	No	157	98	68	96	89	100	81	96	76	100
		Yes	3	2	3	4	0	0	3	4	0	0
		Total	160	100	71	100	89	100	84	100	76	100
<b>31. How would you describe yourself? (Select all that apply.)</b>												
	re_allb	American Indian or Alaska Native	0	0	0	0	0	0	0	0	0	0
		Asian	4	2	2	3	2	2	2	2	2	3
	(Recoded from c_amind to c_pnr where each student is represented only once.)	Black or African American	9	6	6	8	3	3	3	4	6	8
		Hispanic or Latino	9	6	8	11	1	1	3	4	6	8
		Middle Eastern or North African	0	0	0	0	0	0	0	0	0	0
		Native Hawaiian or Other Pacific Islander	0	0	0	0	0	0	0	0	0	0
		White	118	73	47	66	71	79	67	80	51	66
		Another race or ethnicity	0	0	0	0	0	0	0	0	0	0
		Multiracial	21	13	8	11	13	14	9	11	12	16
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	161	100	71	100	90	100	84	100	77	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	4	2	4	6	0	0	2	2	2	3
		High school diploma or G.E.D.	29	18	29	41	0	0	14	17	15	19
		Attended college, but did not complete degree	25	16	25	35	0	0	15	18	10	13
		Associate's degree (A.A., A.S., etc.)	13	8	13	18	0	0	9	11	4	5
		Bachelor's degree (B.A., B.S., etc.)	55	34	0	0	55	61	27	32	28	36
		Master's degree (M.A., M.S., etc.)	31	19	0	0	31	34	15	18	16	21
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	4	2	0	0	4	4	2	2	2	3
		Total	161	100	71	100	90	100	84	100	77	100
First-generation status ( <i>Neither parent holds a bachelor's degree. Recoded from cpardegr18.</i> )	bfirstgen	First-generation	71	44	71	100	0	0	40	48	31	40
		Not first-generation	90	56	0	0	90	100	44	52	46	60
		Total	161	100	71	100	90	100	84	100	77	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)	28	17	13	18	15	17	12	14	16	21
		Fraternity or sorority house	2	1	2	3	0	0	1	1	1	1
		House, apartment, or other residence <i>within walking distance</i> to campus	67	42	24	34	43	48	32	38	35	45
		House, apartment, or other residence <i>farther than walk. dist.</i> to campus	62	39	31	44	31	34	38	45	24	31
		Not applicable: No campus, entirely online program, etc.	2	1	1	1	1	1	1	1	1	1
		Not applicable: Homeless or in transition	0	0	0	0	0	0	0	0	0	0
		Total	161	100	71	100	90	100	84	100	77	100

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**BCSSE 2019**  
**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 codenook available on the BCSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the percentage of students selecting the corresponding response option. Percentages may not sum to 100 due to rounding.
- Overall mean:** Mean scores for each item. Mean item scores by within-campus comparison groups are presented on the right side. Mean calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution.
- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #8) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are items WTD12 which are compared using a  $z$ -test.

**BCSSE**  
beginning college survey  
of student engagement

**Transfer Students**

**Frequencies and Statistical Comparisons**  
BCSSEville State University

Item wording or description	Variable	Values	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	ES	A- or higher	B+ or lower	ES	
<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	3.1		62	44	53	51	28	44		89	48	3.1	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	2.9		55	39	43	41	26	40		74	40	2.8	2.9
		4	Very often	64	26			31	24	30	29	17	26		47	25		
			Total	250	100			104	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	2.8		53	37	47	45	27	42		74	40	2.7	3.0 *
		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>WT9. 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	4.3		23	16	24	23	13	20		34	18	4.6	3.9 ***
		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	4.5		15	11	20	19	11	17		24	13	4.6	4.4
		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

				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	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	ES			
						Yes	No	A- or higher		B+ or lower		Yes	No	A- or higher		B+ or lower					
<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	0	0	0	0	0	0	0	0	0	0	0							
		2	Sometimes	41	22	16	23	19	21	17	19	24	26								
		3	Often	80	44	33	46	36	40	42	46	38	42	3.1	3.2	-.13	3.2	3.1	.15		
		4	Very often	62	34	22	31	35	39	32	35	29	32								
		Total		183	100	71	100	90	100	91	100	91	100								
b. Reviewed your notes after class	tLSnotes	1	Never	5	3	1	1	2	2	2	2	3	3								
		2	Sometimes	44	24	19	27	22	24	18	20	26	29								
		3	Often	69	38	29	41	30	33	35	38	34	37	3.0	3.1	-.12	3.2	3.0	.24		
		4	Very often	65	36	22	31	36	40	36	40	28	31								
		Total		183	100	71	100	90	100	91	100	91	100								
c. Summarized what you learned in class or from course materials	tLSsummary	1	Never	8	4	3	4	4	5	2	2	6	7								
		2	Sometimes	38	21	19	27	15	17	14	16	24	27								
		3	Often	87	48	34	49	41	47	45	51	42	47	2.8	3.1	-.27	3.1	2.8	**	.39	
		4	Very often	47	26	14	20	28	32	28	31	18	20								
		Total		180	100	70	100	88	100	89	100	90	100								
<b>WTD9. How important were the following reasons for choosing this institution?</b>																					
a. Affordability	tafford	1	Not important	5	3	1	1	4	4	3	3	2	2								
		2		9	5	4	6	5	6	6	7	3	3								
		3		18	10	8	11	9	10	5	5	13	14								
		4		27	15	10	14	13	14	11	12	16	18	4.9	4.7	.12	4.9	4.8	.08		
		5		42	23	15	21	23	26	25	27	17	19								
		6	Very important	81	45	33	46	36	40	41	45	39	43								
Total		182	100	71	100	90	100	91	100	90	100										
b. Location	tnear	1	Not important	7	4	2	3	5	6	2	2	5	6								
		2		3	2	0	0	3	3	0	0	3	3								
		3		16	9	6	8	9	10	11	12	5	6								
		4		36	20	12	17	18	20	16	18	20	22	5.0	4.6	.26	4.9	4.8	.08		
		5		41	23	19	27	19	22	25	28	16	18								
		6	Very important	77	43	32	45	34	39	36	40	40	45								
Total		180	100	71	100	88	100	90	100	89	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	%	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	1	0	0	1	1	0	0	1	1							
		2		1	1	0	0	0	0	0	0	1	1							
		3		7	4	3	4	4	4	5	6	2	2							
		4		18	10	7	10	9	10	5	6	13	15	5.4	5.5	-.09	5.5	5.4	.15	
		5		32	18	19	27	11	12	18	20	14	16							
		6	Very important	121	67	42	59	65	72	62	69	58	65							
	Total	180	100	71	100	90	100	90	100	89	100									
d. Offers the major(s) you are interested in	toffermjr	1	Not important	4	2	2	3	1	1	2	2	2	2							
		2		2	1	0	0	1	1	0	0	2	2							
		3		3	2	0	0	3	3	3	3	0	0							
		4		9	5	4	6	4	4	4	4	5	6	5.5	5.6	-.03	5.5	5.5	.05	
		5		31	17	15	21	13	14	14	16	17	19							
		6	Very important	131	73	50	70	68	76	67	74	63	71							
	Total	180	100	71	100	90	100	90	100	89	100									
e. Quality of academic programs	tqualacad	1	Not important	3	2	2	3	1	1	2	2	1	1							
		2		1	1	0	0	1	1	0	0	1	1							
		3		5	3	2	3	2	2	2	2	3	3							
		4		16	9	8	11	8	9	8	9	8	9	5.2	5.5	-.24	5.4	5.4	.00	
		5		41	23	22	31	15	17	22	24	19	21							
		6	Very important	114	63	37	52	63	70	56	62	57	64							
	Total	180	100	71	100	90	100	90	100	89	100									
f. You can finish your degree quickly	tfinish	1	Not important	7	4	4	6	2	2	2	2	5	6							
		2		2	1	1	1	1	1	1	1	1	1							
		3		19	11	9	13	8	9	8	9	11	13							
		4		38	21	16	23	18	20	21	23	17	19	4.5	4.9	-.27	4.8	4.7	.13	
		5		47	26	20	28	24	27	25	28	22	25							
		6	Very important	66	37	21	30	36	40	33	37	32	36							
	Total	179	100	71	100	89	100	90	100	88	100									
g. Flexible scheduling of courses	tflex	1	Not important	2	1	0	0	1	1	0	0	2	2							
		2		6	3	4	6	1	1	5	6	1	1							
		3		15	8	6	8	9	10	9	10	6	7							
		4		36	20	14	20	18	20	19	21	17	19	4.7	4.9	-.14	4.8	4.9	-.11	
		5		60	33	28	39	28	31	27	30	33	37							
		6	Very important	61	34	19	27	33	37	30	33	30	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		180	100	71	100	90	100	90	100	89	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	29	16		13	18	15	17	11	12	18	20							
		2		18	10		9	13	6	7	8	9	10	11							
		3		25	14		12	17	9	10	15	17	10	11							
		4		32	18	3.8	12	17	17	19	13	14	19	21	3.6	4.0	-.25	4.0	3.6	.25	
		5		33	18		12	17	19	21	18	20	15	17							
		6	Very important	43	24		13	18	24	27	25	28	17	19							
		Total		180	100		71	100	90	100	90	100	89	100							
i. Other	timpoth	1	Not important	19	46		7	47	10	43	6	35	13	54							
		2		3	7		0	0	3	13	1	6	2	8							
		3		2	5		1	7	1	4	1	6	1	4							
		4		4	10	3.0	4	27	0	0	1	6	3	13	2.9	3.1	-.09	3.7	2.5	.53	
		5		1	2		0	0	1	4	0	0	1	4							
		6	Very important	12	29		3	20	8	35	8	47	4	17							
		Total		41	100		15	100	23	100	17	100	24	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	67	38		29	41	36	41	36	40	31	36	41%	41%	-.01	40%	36%	.07		
	tstrss_bal	Balancing school and other commitments (work, family, etc)	134	76		54	76	66	76	69	77	64	75	76%	76%	.00	77%	75%	.03		
	tstrss_bas	Not having enough money for basic needs (housing, food, and transportation)	93	53		47	66	33	38	44	49	48	56	66%	38% ***	.57	49%	56%	-.15		
	tstrss_acd	Not having enough money for college expenses (tuition, fees, books, etc.)	88	50		48	68	33	38	43	48	44	52	68%	38% ***	.60	48%	52%	-.08		
	tstrss_saf	Personal safety	21	12		10	14	7	8	14	16	6	7	14%	8%	.19	16%	7%	.27		
	tstrss_perre	Personal relationship	48	27		19	27	25	29	25	28	22	26	27%	29%	-.04	28%	26%	.04		
	tstrss_rmre	Roommate relationships	41	23		16	23	20	23	17	19	23	27	23%	23%	-.01	19%	27%	-.19		
	tstrss_car	Choosing a career	30	17		14	20	14	16	12	13	17	20	20%	16%	.09	13%	20%	-.18		
	tstrss_com	Commuting to campus	33	19		17	24	14	16	20	22	13	15	24%	16%	.20	22%	15%	.18		
	tstrss_oth	Other	8	5		5	7	3	3	6	7	2	2	7%	3%	.16	7%	2%	.21		

# 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	A- or higher		B+ or lower	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES		
<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	127	71			47	67	68	76	63	70	63	72							
	(Recoded version of tcare created by BCSSE. Values are estimated number of hours)	3	1-5	20	11			10	14	9	10	11	12	9	10							
		8	6-10	7	4			0	0	6	7	4	4	3	3							
		13	11-15	4	2	4.3		2	3	1	1	2	2	2	2							
		18	16-20	3	2			0	0	1	1	0	0	3	3	5.8	3.0	.28	4.4	4.2	.02	
		23	21-25	2	1			1	1	0	0	2	2	0	0							
		28	26-30	1	1			1	1	0	0	1	1	0	0							
		33	More than 30	14	8			9	13	5	6	7	8	7	8							
	Total			178	100			70	100	90	100	90	100	87	100							
b. Commuting to campus (driving, walking, etc.)	tcommutehrs	0	0	24	13			7	10	14	16	11	12	13	15							
	(Recoded version of tcommute created by BCSSE. Values are estimated number of hours)	3	1-5	99	55	5.4		40	56	50	56	50	56	48	55							
		8	6-10	37	21			18	25	17	19	21	23	16	18							
		13	11-15	5	3			2	3	3	3	2	2	3	3							
		18	16-20	7	4			2	3	3	3	3	3	4	5	5.5	5.1	.06	5.4	5.5	-.02	
		23	21-25	3	2			0	0	2	2	0	0	3	3							
		28	26-30	2	1			1	1	0	0	2	2	0	0							
		33	More than 30	2	1			1	1	1	1	1	1	1	1							
	Total			179	100			71	100	90	100	90	100	88	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	0	0			0	0	0	0	0	0	0	0							
	(Recoded version of cacadpr13 created by BCSSE. Values are estimated number of hours)	3	1-5	0	0			0	0	0	0	0	0	0	0							
		8	6-10	29	17			17	24	10	11	12	14	16	19							
		13	11-15	35	20	17.9		12	17	19	21	20	23	15	18							
		18	16-20	52	30			19	27	30	34	24	27	28	33	17.4	18.3	-.14	18.5	17.4	.15	
		23	21-25	34	20			15	21	17	19	18	20	16	19							
		28	26-30	14	8			2	3	11	12	8	9	6	7							
		33	More than 30	9	5			6	8	2	2	6	7	3	4							
	Total			173	100			71	100	89	100	88	100	84	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	%	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	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	33	19	12	17	19	21	13	15	20	24							
		3	1-5	5	3	3	4	2	2	3	3	2	2							
		8	6-10	17	10	7	10	10	11	11	13	6	7							
		13	11-15	34	20	11	15	20	22	16	19	18	21							
		18	16-20	23	13	9	13	12	13	12	14	10	12	16.2	14.2	.19	15.5	14.7	.08	
		23	21-25	32	19	16	23	13	15	19	22	13	15							
		28	26-30	11	6	4	6	6	7	5	6	6	7							
		33	More than 30	16	9	9	13	7	8	7	8	9	11							
	Total	171	100	71	100	89	100	86	100	84	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	28	16	9	13	17	19	13	15	15	18							
		3	1-5	59	34	26	37	29	32	31	35	28	33							
		8	6-10	48	28	21	30	24	27	24	27	23	27							
		13	11-15	26	15	11	15	14	16	13	15	13	15							
		18	16-20	9	5	2	3	6	7	6	7	3	4	6.6	6.3	.06	6.6	6.4	.05	
		23	21-25	3	2	2	3	0	0	1	1	2	2							
		28	26-30	0	0	0	0	0	0	0	0	0	0							
		33	More than 30	0	0	0	0	0	0	0	0	0	0							
	Total	173	100	71	100	90	100	88	100	84	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	5	3	3	4	2	2	1	1	4	5							
		3	1-5	37	22	20	28	15	17	20	23	17	20							
		8	6-10	57	33	26	37	27	30	34	39	22	26							
		13	11-15	47	27	16	23	30	33	24	28	23	27							
		18	16-20	15	9	4	6	10	11	7	8	8	10	8.6	10.9 *	-.38	9.2	11.0	-.28	
		23	21-25	7	4	0	0	5	6	0	0	7	8							
		28	26-30	1	1	1	1	0	0	0	0	1	1							
		33	More than 30	3	2	1	1	1	1	1	1	2	2							
	Total	172	100	71	100	90	100	87	100	84	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	5	3	1	1	4	4	3	3	2	2								
	2	Some	47	28	19	28	26	29	20	23	27	33								
	3	About half	70	41	29	42	35	39	43	49	27	33	3.0	2.9	.11	3.0	3.0	.04		
	4	Most	41	24	17	25	20	22	18	20	22	27								
	5	Almost all	7	4	3	4	4	4	4	5	3	4								
		Total	170	100	69	100	89	100	88	100	81	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	%	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	ES		
<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	7	4			5	7	2	2	5	6	2	2						
		2	Sometimes	94	54			40	56	48	53	44	50	50	60						
		3	Often	62	36	2.4		20	28	37	41	36	41	25	30	2.4	2.5	-.11	2.4	2.4	-.03
		4	Very often	10	6			6	8	3	3	3	3	7	8						
		Total		173	100			71	100	90	100	88	100	84	100						
b. Explain course material to one or more students	cCLxplain	1	Never	6	3			4	6	2	2	3	3	3	4						
		2	Sometimes	86	50			39	55	40	44	40	45	46	55						
		3	Often	64	37	2.5		18	25	42	47	37	42	26	31	2.5	2.6	-.13	2.6	2.5	.11
		4	Very often	17	10			10	14	6	7	8	9	9	11						
		Total		173	100			71	100	90	100	88	100	84	100						
c. Prepare for exams by discussing or working through course material with other students	cCLstudy	1	Never	9	5			6	8	2	2	5	6	4	5						
		2	Sometimes	61	35			27	38	29	32	30	34	31	37						
		3	Often	68	39	2.7		24	34	39	43	33	38	34	40	2.6	2.9	-.25	2.8	2.7	.07
		4	Very often	35	20			14	20	20	22	20	23	15	18						
		Total		173	100			71	100	90	100	88	100	84	100						
d. Work with other students on course projects or assignments	cCLprojct	1	Never	3	2			1	1	2	2	2	2	1	1						
		2	Sometimes	64	37			32	45	26	29	31	36	33	39						
		3	Often	79	46	2.7		27	38	47	52	40	46	38	45	2.7	2.8	-.21	2.8	2.7	.04
		4	Very often	26	15			11	15	15	17	14	16	12	14						
		Total		172	100			71	100	90	100	87	100	84	100						
e. Talk about career plans with a faculty member	cSFcareer	1	Never	8	5			2	3	6	7	3	3	5	6						
		2	Sometimes	70	41			30	43	36	40	36	42	34	40						
		3	Often	69	40	2.6		26	37	37	41	35	41	33	39	2.7	2.6	.12	2.7	2.6	.04
		4	Very often	24	14			12	17	11	12	12	14	12	14						
		Total		171	100			70	100	90	100	86	100	84	100						
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	cSFothrwrk	1	Never	24	14			4	6	17	19	9	10	15	18						
		2	Sometimes	87	51			44	62	39	43	46	53	41	49						
		3	Often	50	29	2.3		18	25	28	31	26	30	23	27	2.3	2.3	.11	2.3	2.2	.15
		4	Very often	11	6			5	7	6	7	6	7	5	6						
		Total		172	100			71	100	90	100	87	100	84	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		A- or higher		B+ or lower		Mean	Mean	ES	A- or higher B+ or lower				
							Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
g Discuss your academic performance with a faculty member	cSFperform	1	Never	10	6		4	6	6	7	5	6	5	6										
		2	Sometimes	75	44		34	49	35	39	38	44	37	44										
		3	Often	64	37	2.6	22	31	38	42	31	36	32	38	2.5	2.6	-.07	2.6	2.6	.03				
		4	Very often	22	13		10	14	11	12	12	14	10	12										
		Total		171	100		70	100	90	100	86	100	84	100										
h Discuss course topics, ideas, or concepts with a faculty member outside of class	cSFdiscuss	1	Never	13	8		6	8	6	7	7	8	6	7										
		2	Sometimes	89	52		38	54	46	51	43	49	46	55										
		3	Often	54	31	2.4	20	28	29	32	28	32	25	30	2.4	2.5	-.08	2.4	2.4	.07				
		4	Very often	16	9		7	10	9	10	9	10	7	8										
		Total		172	100		71	100	90	100	87	100	84	100										
i Prepare two or more drafts of a paper or assignment before turning it in	cdrafting	1	Never	13	8		5	7	7	8	4	5	9	11										
		2	Sometimes	82	48		35	50	43	48	41	48	41	49										
		3	Often	54	32	2.5	21	30	29	32	30	35	24	29	2.5	2.5	.00	2.6	2.4	.18				
		4	Very often	22	13		9	13	11	12	11	13	10	12										
		Total		171	100		70	100	90	100	86	100	84	100										
j Come to class without completing readings or assignments	cunprepard	1	Never	117	68		46	65	66	73	61	70	56	67										
		2	Sometimes	39	23		19	27	17	19	16	18	22	26										
		3	Often	10	6	1.4	1	1	6	7	6	7	4	5	1.5	1.4	.20	1.5	1.4	.04				
		4	Very often	6	3		5	7	1	1	4	5	2	2										
		Total		172	100		71	100	90	100	87	100	84	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	1	1		1	1	0	0	1	1	0	0										
		2	Sometimes	35	21		14	20	21	23	17	20	18	22										
		3	Often	71	42	3.1	27	38	37	41	40	47	30	36	3.2	3.1	.08	3.1	3.2	-.14				
		4	Very often	62	37		29	41	32	36	27	32	35	42										
		Total		169	100		71	100	90	100	85	100	83	100										
b. People from an economic background other than your own	cDVeconomic	1	Never	0	0		0	0	0	0	0	0	0											
		2	Sometimes	35	21		15	21	20	22	16	19	19	23										
		3	Often	77	46	3.1	29	41	41	46	42	49	34	41	3.2	3.1	.09	3.1	3.1	.00				
		4	Very often	57	34		27	38	29	32	27	32	30	36										
		Total		169	100		71	100	90	100	85	100	83	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	
c. People with religious beliefs other than your own	cDVreligion	1	Never	1	1		1	1	0	0	1	1	0	0									
		2	Sometimes	44	26		17	24	24	27	19	22	25	30									
		3	Often	71	42	3.0	29	41	38	42	41	48	29	35	3.1	3.0	.03	3.0	3.0				-.02
		4	Very often	53	31		24	34	28	31	24	28	29	35									
		Total		169	100		71	100	90	100	85	100	83	100									
d. People with political views other than your own	cDVpolitical	1	Never	3	2		2	3	1	1	2	2	1	1									
		2	Sometimes	52	31		24	34	26	29	23	27	29	35									
		3	Often	68	40	2.9	26	37	37	41	40	47	27	33	2.9	3.0	-.13	2.9	2.9				-.03
		4	Very often	46	27		19	27	26	29	20	24	26	31									
		Total		169	100		71	100	90	100	85	100	83	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	2	1		0	0	1	1	0	0	2	2									
		2		3	2		0	0	3	3	0	0	3	4									
		3		23	14		11	15	10	11	9	11	14	17									
		4		62	37	4.5	28	39	34	38	36	42	26	32	4.5	4.5	-.03	4.6	4.3				.29
		5		43	26		21	30	22	24	20	24	23	28									
		Total		167	100		71	100	90	100	85	100	81	100									
b. Find additional information for course assignments when you don't understand the material	cfindinfo	1	Not at all certain	1	1		1	1	0	0	0	0	1	1									
		2		1	1		1	1	0	0	0	0	1	1									
		3		13	8		3	4	9	10	7	8	6	7									
		4		40	24	4.9	19	28	20	22	21	25	19	23	4.9	4.9	.01	4.9	4.9				.06
		5		55	33		20	29	33	37	27	33	28	35									
		Total		165	100		69	100	90	100	83	100	81	100									
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	1	Not at all certain	2	1		1	1	1	1	2	2	0	0									
		2		12	7		4	6	8	9	8	10	4	5									
		3		25	15		13	19	12	13	9	11	16	20									
		4		46	28	4.4	20	29	25	28	22	26	24	30	4.4	4.4	-.01	4.4	4.4				.02
		5		41	25		15	21	24	27	23	27	18	23									
		Total		164	100		70	100	90	100	84	100	79	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	Yes	No	A- or higher		B+ or lower		Yes	No	A- or higher		B+ or lower			
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES	
d. Ask instructors for help when you struggle with course assignments	caskinst	1	Not at all certain	2	1		0	0	2	2	1	1	1	1						
		2		4	2		2	3	2	2	2	2	2	3						
		3		18	11		8	11	10	11	9	11	9	11						
		4		38	23	4.7	20	29	18	20	19	23	19	24	4.7	4.8	-.07	4.8	4.7	.00
		5		48	29		19	27	26	29	27	32	21	27						
		6	Very certain	53	33		21	30	32	36	26	31	27	34						
		Total		163	100		70	100	90	100	84	100	79	100						
e. Finish something you have started when you encounter challenges	cfinish	1	Not at all certain	1	1		0	0	1	1	1	1	0	0						
		2		0	0		0	0	0	0	0	0	0	0						
		3		15	9		8	11	7	8	6	7	9	11						
		4		30	18	5.0	12	17	16	18	15	18	15	19	5.0	5.0	-.01	5.0	5.0	.04
		5		56	34		23	33	32	36	31	37	25	32						
		6	Very certain	61	37		27	39	34	38	31	37	30	38						
		Total		163	100		70	100	90	100	84	100	79	100						
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	1	Not at all certain	4	2		1	1	3	3	2	2	2	3						
		2		6	4		3	4	3	3	3	4	3	4						
		3		29	18		14	20	15	17	14	17	15	19						
		4		44	27	4.4	21	30	23	26	27	32	17	22	4.3	4.4	-.12	4.3	4.5	-.12
		5		45	28		19	27	23	26	24	29	21	27						
		6	Very certain	35	21		12	17	23	26	14	17	21	27						
		Total		163	100		70	100	90	100	84	100	79	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	8	5		2	3	6	7	5	6	3	4						
		2		20	12		9	13	10	11	8	10	12	15						
		3		36	22		13	19	22	24	15	18	21	27						
		4		65	40	3.6	31	45	33	37	38	45	27	35	3.7	3.6	.08	3.7	3.6	.13
		5		24	15		11	16	13	14	14	17	10	13						
		6	Very difficult	9	6		3	4	6	7	4	5	5	6						
		Total		162	100		69	100	90	100	84	100	78	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
b. Managing your time	cmantime	1	Not at all difficult	4	2		0	0	4	4	3	4	1	1							
		2		8	5		5	7	3	3	6	7	2	3							
		3		45	28		19	27	24	27	19	23	26	33							
		4		53	33	4.0	20	29	33	37	27	32	26	33	4.0	3.9	.09	4.0	4.0	-.05	
		5		36	22		20	29	15	17	22	26	14	18							
		6	Very difficult	17	10		6	9	11	12	7	8	10	13							
		Total		163	100		70	100	90	100	84	100	79	100							
c. Paying college or university expenses	cpaycoll	1	Not at all difficult	11	7		3	4	7	8	6	7	5	6							
		2		17	10		7	10	10	11	8	10	9	11							
		3		36	22		11	16	24	27	19	23	17	22							
		4		36	22	4.0	13	19	22	24	14	17	22	28	4.3	3.7 *	.38	4.0	3.9	.06	
		5		30	18		17	24	13	14	21	25	9	11							
		6	Very difficult	33	20		19	27	14	16	16	19	17	22							
		Total		163	100		70	100	90	100	84	100	79	100							
d. Getting help with school work	cgethelp	1	Not at all difficult	21	13		9	13	11	12	8	10	13	16							
		2		32	20		13	19	19	21	20	24	12	15							
		3		50	31		16	23	32	36	24	29	26	33							
		4		44	27	3.0	21	30	23	26	24	29	20	25	3.2	2.9	.24	3.1	3.0	.06	
		5		14	9		9	13	5	6	7	8	7	9							
		6	Very difficult	2	1		2	3	0	0	1	1	1	1							
		Total		163	100		70	100	90	100	84	100	79	100							
e. Making new friends	cmakefr	1	Not at all difficult	21	13		6	9	15	17	14	17	7	9							
		2		29	18		9	13	18	20	11	13	18	23							
		3		33	20		17	24	16	18	20	24	13	16							
		4		36	22	3.4	17	24	19	21	20	24	16	20	3.6	3.2	.29	3.3	3.5	-.18	
		5		31	19		14	20	17	19	15	18	16	20							
		6	Very difficult	13	8		7	10	5	6	4	5	9	11							
		Total		163	100		70	100	90	100	84	100	79	100							
f. Interacting with faculty	cintfac	1	Not at all difficult	29	18		14	20	15	17	16	19	13	16							
		2		42	26		17	24	24	27	21	25	21	27							
		3		44	27		19	27	24	27	24	29	20	25							
		4		32	20	2.8	12	17	20	22	15	18	17	22	2.8	2.8	.00	2.8	2.8	-.08	
		5		13	8		6	9	6	7	7	8	6	8							
		6	Very difficult	3	2		2	3	1	1	1	1	2	3							
		Total		163	100		70	100	90	100	84	100	79	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	%	Mean	Mean	ES	Mean	Mean	ES	
		Total		163	100	70	100	90	100	84	100	79	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	4	3			1	1	3	3	2	2							
		2	Sometimes	65	41			30	43	35	39	32	39							
		3	Often	63	39	2.7		27	39	36	40	36	43	2.7	2.7	-.01	2.7	2.7	.01	
		4	Very often	28	18			12	17	16	18	13	16							
			Total	160	100			70	100	90	100	83	100							
b. Academic advisors	cseekaa	1	Never	18	11			12	17	6	7	12	14							
		2	Sometimes	69	43			27	39	42	47	36	43							
		3	Often	53	33	2.5		23	33	30	34	27	33	2.4	2.5	-.15	2.4	2.6	-.21	
		4	Very often	19	12			8	11	11	12	8	10							
			Total	159	100			70	100	89	100	83	100							
c. Learning support services (tutoring, writing center, success coaching, etc.)	cseekls	1	Never	23	14			9	13	14	16	12	14							
		2	Sometimes	68	43			31	44	37	41	41	49							
		3	Often	52	33	2.4		22	31	30	33	23	28	2.4	2.4	.04	2.3	2.5	-.22	
		4	Very often	17	11			8	11	9	10	7	8							
			Total	160	100			70	100	90	100	83	100							
d. Friends or other students	cseekfrnd	1	Never	3	2			1	1	2	2	1	1							
		2	Sometimes	66	41			30	43	36	40	30	36							
		3	Often	63	39	2.7		25	36	38	42	41	49	2.7	2.7	.04	2.7	2.7	.06	
		4	Very often	28	18			14	20	14	16	11	13							
			Total	160	100			70	100	90	100	83	100							
e. Family members	cseekfam	1	Never	51	32			26	37	25	28	23	28							
		2	Sometimes	67	42			27	39	40	44	34	41							
		3	Often	28	18	2.0		10	14	18	20	21	25	2.0	2.1	-.11	2.1	2.0	.15	
		4	Very often	14	9			7	10	7	8	5	6							
			Total	160	100			70	100	90	100	83	100							
f. Other persons or offices	cseekoth	1	Never	35	22			16	23	19	21	21	25							
		2	Sometimes	92	58			39	56	53	59	45	54							
		3	Often	28	18	2.0		14	20	14	16	15	18	2.0	2.0	-.05	2.0	2.1	-.12	
		4	Very often	5	3			1	1	4	4	2	2							
			Total	160	100			70	100	90	100	83	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		ES	
Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES				
<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	0	0	0	0	0	0	0	0	0	0						
		2		1	1	1	1	0	0	0	0	1	1						
		3		4	3	2	3	2	2	2	2	2	3						
		4		30	19	14	20	16	18	13	16	17	22	5.1	5.2	-.12	5.2	5.2	.04
		5		56	35	24	34	32	36	35	42	21	27						
		6	Very prepared	69	43	29	41	40	44	33	40	36	47						
		Total		160	100	70	100	90	100	83	100	77	100						
b. Speak clearly and effectively	cSGspeak	1	Not at all prepared	1	1	1	1	0	0	0	0	1	1						
		2		2	1	1	1	1	1	1	1	1	1						
		3		9	6	3	4	6	7	4	5	5	6						
		4		32	20	16	23	16	18	14	17	18	23	5.0	5.1	-.10	5.0	5.0	.02
		5		54	34	23	33	31	34	37	45	17	22						
		6	Very prepared	62	39	26	37	36	40	27	33	35	45						
		Total		160	100	70	100	90	100	83	100	77	100						
c. Think critically and analytically	cSGthink	1	Not at all prepared	0	0	0	0	0	0	0	0	0							
		2		1	1	1	1	0	0	0	0	1	1						
		3		6	4	3	4	3	3	2	2	4	5						
		4		28	18	13	19	15	17	11	13	17	22	5.0	5.3	-.26	5.2	5.1	.17
		5		57	36	29	41	28	31	36	43	21	27						
		6	Very prepared	68	43	24	34	44	49	34	41	34	44						
		Total		160	100	70	100	90	100	83	100	77	100						
d. Analyze numerical and statistical information	cSGanalyze	1	Not at all prepared	1	1	0	0	1	1	1	1	0	0						
		2		6	4	5	7	1	1	1	1	5	6						
		3		11	7	6	9	5	6	6	7	5	6						
		4		47	29	22	31	25	28	24	29	23	30	4.5	4.9 *	-.36	4.7	4.8	-.05
		5		48	30	23	33	25	28	33	40	15	19						
		6	Very prepared	47	29	14	20	33	37	18	22	29	38						
		Total		160	100	70	100	90	100	83	100	77	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
e. Work effectively with others	cSGothers	1	Not at all prepared	2	1		1	1	1	1	0	0	2	3							
		2		2	1		1	1	1	1	0	0	2	3							
		3		6	4		3	4	3	3	3	4	3	4							
		4		33	21	5.1	13	19	20	22	13	16	20	26	5.1	5.1	-.03	5.2	4.9	.30	
		5		46	29		22	31	24	27	29	35	17	22							
		6	Very prepared	71	44		30	43	41	46	38	46	33	43							
		Total		160	100		70	100	90	100	83	100	77	100							
f. Use computing and information technology	cgncmpt13	1	Not at all prepared	1	1		0	0	1	1	1	1	0	0							
		2		3	2		3	4	0	0	1	1	2	3							
		3		9	6		3	4	6	7	4	5	5	6							
		4		30	19	5.0	10	14	20	22	16	19	14	18	5.0	5.0	.00	4.9	5.0	-.06	
		5		61	38		31	44	30	33	35	42	26	34							
		6	Very prepared	56	35		23	33	33	37	26	31	30	39							
		Total		160	100		70	100	90	100	83	100	77	100							
g. Learn effectively on your own	cgningq	1	Not at all prepared	0	0		0	0	0	0	0	0	0								
		2		2	1		1	1	1	1	1	1	1								
		3		4	3		1	1	3	3	2	2	2	3							
		4		30	19	5.1	12	17	18	20	10	12	20	26	5.1	5.2	-.09	5.2	5.1	.11	
		5		59	37		33	47	26	29	38	46	21	27							
		6	Very prepared	65	41		23	33	42	47	32	39	33	43							
		Total		160	100		70	100	90	100	83	100	77	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	3	2		1	1	2	2	2	2	1	1							
		2		3	2		0	0	3	3	1	1	2	3							
		3		15	9		8	11	7	8	6	7	9	12							
		4		59	37	4.5	26	37	33	37	27	33	32	42	4.5	4.5	.00	4.6	4.5	.10	
		5		48	30		23	33	25	28	33	40	15	19							
		6	Very important	32	20		12	17	20	22	14	17	18	23							
		Total		160	100		70	100	90	100	83	100	77	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	%	Mean	Mean	ES	Mean	Mean	ES
b. Support to help students succeed academically	cSEacad	1 2 3 4 5 6	Not important Very important	0	0		0	0	0	0	0	0	0	0	0	0	0	0						
				1	1		1	1	0	0	0	0	0	0	1	1								
				0	0		0	0	0	0	0	0	0	0	0	0								
				21	13	5.4	6	9	15	17	10	12	11	14	5.5	5.4	.11	5.5	5.4	.05				
				44	28		20	29	24	27	25	30	19	25										
				94	59		43	61	51	57	48	58	46	60										
			Total	160	100		70	100	90	100	83	100	77	100										
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	cSEdiv	1 2 3 4 5 6	Not important Very important	1	1		0	0	1	1	1	1	0	0										
				7	4		1	1	6	7	2	2	5	6										
				13	8		6	9	7	8	5	6	8	10										
				33	21	4.9	13	19	20	22	18	22	15	19	5.0	4.7	.23	4.9	4.8	.11				
				44	28		21	30	23	26	25	30	19	25										
				62	39		29	41	33	37	32	39	30	39										
			Total	160	100		70	100	90	100	83	100	77	100										
d. Help managing your non- academic responsibilities (work, family, etc.)	cSEnacad	1 2 3 4 5 6	Not important Very important	4	3		1	1	3	3	3	4	1	1										
				8	5		3	4	5	6	3	4	5	6										
				23	14		8	11	15	17	12	14	11	14										
				47	29	4.5	20	29	27	30	22	27	25	32	4.7	4.3	.31	4.5	4.5	.02				
				26	16		8	11	18	20	17	20	9	12										
				52	33		30	43	22	24	26	31	26	34										
			Total	160	100		70	100	90	100	83	100	77	100										
e. Opportunities to be involved socially	cSEsoc	1 2 3 4 5 6	Not important Very important	3	2		1	1	2	2	3	4	0	0										
				4	3		2	3	2	2	3	4	1	1										
				17	11		6	9	11	12	7	8	10	13										
				36	23	4.8	15	21	21	23	17	20	19	25	4.9	4.7	.14	4.7	4.8	-.07				
				42	26		18	26	24	27	23	28	19	25										
				58	36		28	40	30	33	30	36	28	36										
			Total	160	100		70	100	90	100	83	100	77	100										
f. Opportunities to attend campus activities and events	cSEact	1 2 3 4 5 6	Not important Very important	2	1		1	1	1	1	2	2	0	0										
				10	6		5	7	5	6	6	7	4	5										
				15	9		6	9	9	10	6	7	9	12										
				34	21	4.7	13	19	21	23	17	20	17	22	4.8	4.7	.06	4.7	4.8	-.03				
				40	25		17	24	23	26	21	25	19	25										
				59	37		28	40	31	34	31	37	28	36										

\*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		160	100	70	100	90	100	83	100	77	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	2	1			1	1	1	1	1	1								
		2		4	3			2	3	2	2	1	1								
		3		15	9			7	10	8	9	9	11								
		4		37	23	4.8			12	17	25	28	21	25	5.0	4.8	.16	4.8	4.9	-.03	
		5		38	24				15	21	23	26	19	23							
		6	Very important	63	40				33	47	30	34	32	39							
	Total			159	100			70	100	89	100	83	100								

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**BCSSE 2019**  
**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:** Class level as reported by your students.
2. **Scale description and variable name:** A brief description of the BCSSE scale along with the variable name for easy reference to your datafile and codebook. See Scale Descriptions for more information.
3. **Mean:** The unweighted scale mean is reported overall for the institution, as well as by first-generation status and high school grades.
4. **Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #5) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t-tests

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

**BCSSE**  
beginning college survey  
of student engagement

**Mean Scale Scores and  
Selected Student Comparisons**

**BCSSEville State University**

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 retention</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	41.0	12.7	180	39.7	42.5	-.22	43.0	38.9	* .33
<b>Collaborative Learning</b> <i>Expectation to interact and collaborate with peers</i>	EXP_CL	32.3	11.9	173	30.9	33.6	-.23	32.7	31.8	.07
<b>Student-Faculty Interaction</b> <i>Expectation to interact and engage with faculty</i>	EXP_SFI	29.6	12.6	172	29.8	29.5	.02	30.0	28.9	.09
<b>Expected Discussions with Diverse Others</b> <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	41.2	14.1	169	41.5	41.2	.02	40.9	41.6	-.05
<b>Expected Academic Perseverance</b> <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	43.6	10.3	163	43.4	43.9	-.05	44.0	43.2	.07
<b>Expected Academic Difficulty</b> <i>Expected academic difficulty during the coming year</i>	EXP_DIF	28.3	10.3	163	29.2	27.8	.14	28.4	28.3	.02
<b>Perceived Academic Preparation</b> <i>Student perception of their academic preparation</i>	PER_PREP	48.4	9.1	160	47.5	49.1	-.18	48.8	48.0	.10
<b>Importance of Campus Environment</b> <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	45.7	10.3	160	46.9	44.8	.20	45.8	45.6	.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.