

Illinois State University

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University Assessment Services

2019

University Assessment Services, Beginning College Survey of Student Engagement: First-Year Student Institutional Report, 2019

Illinois State University

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BCSSE 2019

First-Year Student Institutional Report

Illinois State University

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

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

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

Transfer students were those respondents who met the following criteria:

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

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

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


BCSSE 2019
First-Year Student Respondent Profile
Illinois State University

Respondent Profile

About This Report

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

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



Respondent Profile

BCSSEville State University

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation*				Self-Reported HS Grades			
			Count	%	Yes	No	A- or Higher	B+ or Lower	Count	%	Count	%
28. This institution was your:	ecchoice1?	First choice Second choice Third choice or lower Total	969 222 39 1230	79 18 3 100	534 124 25 683	78 18 3 100	434 97 14 545	80 18 3 100	587 117 18 722	81 16 2 100	378 104 21 503	75 21 4 100
29. What is your gender identity?	cggender	Man Woman Another gender identity I prefer not to respond Total	599 622 5 7 1233	49 50 0 1 100	327 349 5 5 686	48 51 1 1 100	272 272 0 1 545	50 50 0 0 100	299 419 3 4 725	41 58 0 1 100	297 201 2 3 503	59 40 0 1 100
30. Are you an international student or foreign national?	cinemat	No Yes Total	1212 15 1227	99 1 100	673 9 682	99 1 100	537 6 543	99 1 100	712 10 722	99 1 100	495 5 500	99 1 100
31. How would you describe yourself? (Select all that apply)	re_race <small>(Recorded from c_gender in c_pwr where each student is represented only once.)</small>	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	8 10 89 74 0 1 943 3 95 10 1233	1 1 7 6 0 0 76 0 8 1 100	2 6 68 70 0 1 473 2 58 6 686	0 1 10 10 0 0 69 0 8 1 100	6 4 21 4 0 0 469 1 37 3 545	1 1 4 1 0 0 86 0 7 1 100	6 7 24 3 0 0 605 0 54 4 724	1 1 13 3 0 0 84 0 7 1 100	1 1 13 10 0 0 66 1 8 1 504	0 1 13 10 0 0 66 1 8 1 100

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported HS Grades				
			Count	%	Yes		No		A- or Higher		B+ or Lower		
					Count	%	Count	%	Count	%	Count	%	
Number of Surveys Completed	bmodecmp												
Mode of completion		Paper	3,119	100									
		Web	9	0									
		Total	3,128	100									
1. Please indicate the year you graduated from high school:													
	hgradyr	Prior to 2016	6	0	2	0	4	0	2	0	3	0	
		2016	4	0	0	0	4	0	3	0	1	0	
		2017	10	0	3	0	5	0	2	0	8	1	
		2018	40	1	21	2	17	1	15	1	25	2	
		2019	3,064	98	1,269	98	1,676	98	1,461	99	1,536	98	
		Total	3,124	100	1,295	100	1,706	100	1,483	100	1,573	100	
W1. Since graduating from high school, which of the following have you done? (Select all that apply.)													
(Online survey respondents only. The paper survey did not include this item.)	tattend	Attend another college or university	1	14	0	0	0	0	0	0	1	20	
	tmilitary	Military service	0	0	0	0	0	0	0	0	0	0	
	twork_ft	Work full-time	4	57	0	0	3	75	1	50	3	60	
	twork_pt	Work part-time	5	71	1	100	3	75	1	50	4	80	
	thome	Homemaker or stay at home spouse	0	0	0	0	0	0	0	0	0	0	
	tvolunteer	Volunteer	1	14	0	0	1	25	0	0	1	20	
	tsinceoth	Other	0	0	0	0	0	0	0	0	0	0	
W2. Since graduating from high school, which of the following types of schools have you attended other than this institution? (Select all that apply.)													
(Online survey respondents only. The paper survey did not include this item.)	tattend_voc	Vocational or technical school	0	0	0	0	0	0	0	0	0	0	
	tattend_com	Community or junior college	1	100	0	0	0	0	0	0	1	100	
	tattend_col	4-year college or university other than this one	0	0	0	0	0	0	0	0	0	0	
	tattend_other	Other	0	0	0	0	0	0	0	0	0	0	
W3. About how many credits do you expect to transfer to this institution?													
(Online survey respondents only. The paper survey did not include this item.)	trnsfr_cr	0	0	0	0	0	0	0	0	0	0	0	
		1-11	1	100	0	0	0	0	0	0	1	100	
		12-30	0	0	0	0	0	0	0	0	0	0	
		31-45	0	0	0	0	0	0	0	0	0	0	
		46-60	0	0	0	0	0	0	0	0	0	0	
		More than 60	0	0	0	0	0	0	0	0	0	0	
		Total	1	100	0	0	0	0	0	0	1	100	

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported HS Grades			
			Count	%	Yes		No		A- or Higher		B+ or Lower	
					Count	%	Count	%	Count	%	Count	%
2. From which type of high school did you graduate? (Select only one.)												
	htype13	Public	2,828	91	1,187	92	1,533	90	1,354	91	1,416	90
		Private, religiously-affiliated	261	8	87	7	164	10	117	8	134	9
		Private, not religiously affiliated	14	0	9	1	5	0	4	0	10	1
		Home school	9	0	2	0	5	0	6	0	3	0
		Other (e.g., G.E.D.)	11	0	6	0	2	0	3	0	8	1
		Total	3,123	100	1,291	100	1,709	100	1,484	100	1,571	100
3. What were most of your high school grades? (Select only one.)												
	hgrades17	C- or lower	0	0	0	0	0	0	0	0	0	0
		C	27	1	17	1	8	0	0	0	27	2
		C+	87	3	47	4	34	2	0	0	87	6
		B-	138	5	65	5	61	4	0	0	138	9
		B	753	25	350	28	361	21	0	0	753	48
		B+	569	19	234	19	313	19	0	0	569	36
		A-	478	16	162	13	305	18	478	32	0	0
		A	922	30	349	28	546	32	922	62	0	0
		A+	85	3	28	2	57	3	85	6	0	0
		Grades not used	1	0	0	0	1	0	0	0	0	0
		Total	3,060	100	1,252	100	1,686	100	1,485	100	1,574	100
4. To date, in which of the following math classes have you earned a grade of "C" or better? (Select all that apply.)												
	halg13	Algebra II	2,789	89	1,153	89	1,530	90	1,358	91	1,378	88
	hprecalc13	Pre-calculus/Trigonometry	2,063	66	836	65	1,156	68	1,126	76	900	57
	healc13	Calculus	703	22	249	19	429	25	484	33	215	14
	hstats13	Probability or Statistics	826	26	336	26	460	27	452	30	357	23
5. If you completed the SAT and/or ACT, please enter your scores below (as best you remember): (Recorded SAT and ACT composite created by BCSSE.)												
	sat_act17r	900 or lower	35	2	12	1	22	2	13	1	21	2
		901 - 1000	173	7	108	12	61	5	53	4	112	10
		1001 - 1100	650	28	314	34	311	24	226	19	405	37
		1101 - 1200	605	26	224	24	358	27	290	24	305	28
		1201 - 1300	465	20	167	18	284	22	305	26	157	14
		1301 - 1400	291	13	71	8	210	16	213	18	75	7
		1401 - 1600	95	4	20	2	73	6	85	7	10	1
		Total	2,314	100	916	100	1,319	100	1,185	100	1,085	100

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
22. Which of the following sources are you using to pay your education expenses (tuition, fees, books, room & board, etc.)? For each, tell us if you are using, not using, or not sure.												
Support from parents or relatives	cparents	Using	2,411	81	943	74	1,456	86	1,192	83	1,173	79
		Not using	251	8	161	13	89	5	116	8	127	9
		Not sure	317	11	167	13	148	9	129	9	176	12
		Total	2,979	100	1,271	100	1,693	100	1,437	100	1,476	100
Loans	cloans	Using	1,805	61	850	67	948	57	825	58	942	64
		Not using	616	21	209	16	406	24	343	24	256	17
		Not sure	543	18	214	17	323	19	257	18	275	19
		Total	2,964	100	1,273	100	1,677	100	1,425	100	1,473	100
Grants or scholarships	cgrants	Using	2,446	82	1,053	83	1,382	82	1,339	93	1,059	72
		Not using	264	9	98	8	165	10	53	4	204	14
		Not sure	261	9	120	9	138	8	48	3	202	14
		Total	2,971	100	1,271	100	1,685	100	1,440	100	1,465	100
Employment on- or off-campus	cjob	Using	1,632	55	735	58	890	53	798	56	802	55
		Not using	456	15	168	13	288	17	221	16	224	15
		Not sure	864	29	359	28	498	30	404	28	437	30
		Total	2,952	100	1,262	100	1,676	100	1,423	100	1,463	100
Personal savings or other sources	cpersonal	Using	1,938	66	818	65	1,110	66	962	68	937	64
		Not using	441	15	184	15	256	15	206	14	226	15
		Not sure	576	19	259	21	314	19	256	18	302	21
		Total	2,955	100	1,261	100	1,680	100	1,424	100	1,465	100
23. What do you expect most of your grades will be during the coming year? (Select only one.)												
cgrades19	C- or lower	3	0	2	0	1	0	0	0	2	0	
	C	22	1	15	1	7	0	2	0	20	1	
	C+	42	1	29	2	13	1	4	0	37	3	
	B-	163	6	88	7	75	5	27	2	135	9	
	B	905	31	415	33	485	29	262	18	629	43	
	B+	671	23	289	23	376	23	280	20	379	26	
	A-	643	22	219	18	421	25	486	34	152	10	
	A	469	16	182	15	287	17	363	25	102	7	
	Grades not used	0	0	0	0	0	0	0	0	0	0	
	Total	2,918	100	1,239	100	1,665	100	1,424	100	1,456	100	

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported HS Grades				
					Yes		No		A- or Higher		B+ or Lower		
			Count	%	Count	%	Count	%	Count	%	Count	%	
24. Do you expect to graduate from this institution?													
	cintgrad	No	15	1	7	1	8	0	6	0	9	1	
		Yes	2,802	94	1,180	93	1,607	96	1,384	96	1,360	93	
		Uncertain	149	5	81	6	67	4	45	3	97	7	
		Total	2,966	100	1,268	100	1,682	100	1,435	100	1,466	100	
25. Do you know what your major will be?													
	cmajor	No	536	18	250	20	282	17	207	15	313	22	
		Yes, specify	2,393	82	1,000	80	1,384	83	1,206	85	1,141	78	
		Total	2,929	100	1,250	100	1,666	100	1,413	100	1,454	100	
<i>(Recoded variable cmajcode into one of 12 major categories listed at right.)</i>	cmajrcol	Arts & Humanities	117	6	47	5	69	6	71	7	45	5	
		Biological Sci., Agriculture, & Natural Resources	154	8	73	8	81	7	88	9	64	7	
		Physical Sci., Mathematics, & Computer Science	152	7	69	8	81	7	87	8	63	7	
		Social Sciences	187	9	89	10	96	8	80	8	101	10	
		Business	407	20	165	19	239	21	173	17	225	23	
		Communications, Media, & Public Relations	66	3	28	3	38	3	25	2	40	4	
		Education	472	23	188	22	283	24	257	25	209	22	
		Engineering	15	1	9	1	6	1	7	1	8	1	
		Health Professions	288	14	107	12	180	16	173	17	107	11	
		Social Service Professions	121	6	68	8	52	4	45	4	75	8	
		All Other	54	3	21	2	33	3	20	2	32	3	
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0	
		Total	2,033	100	864	100	1,158	100	1,026	100	969	100	
26. Are you (or will you be) a full-time student at this institution?													
	cfulltime18	No	18	1	10	1	8	0	6	0	12	1	
		Yes	2,968	99	1,273	99	1,681	100	1,432	100	1,470	99	
		Total	2,986	100	1,283	100	1,689	100	1,438	100	1,482	100	
27. How many of your close friends will attend this institution during the coming year?													
	cfriends	None	769	26	317	25	448	26	406	28	346	23	
		1	630	21	288	22	338	20	313	22	303	20	
		2	558	19	241	19	316	19	280	19	265	18	
		3	334	11	148	12	183	11	157	11	170	11	
		4 or more	701	23	288	22	411	24	285	20	400	27	
		Total	2,992	100	1,282	100	1,696	100	1,441	100	1,484	100	

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported HS Grades			
					Yes		No		A- or Higher		B+ or Lower	
			Count	%	Count	%	Count	%	Count	%	Count	%
28. This institution was your:												
	cchoice17	First choice	2,038	68	862	67	1,166	69	1,031	71	964	65
		Second choice	744	25	321	25	419	25	314	22	412	28
		Third choice or lower	213	7	103	8	110	6	97	7	110	7
		Total	2,995	100	1,286	100	1,695	100	1,442	100	1,486	100
29. What is your gender identity?												
	cgender	Man	1,125	37	476	37	644	38	437	30	667	45
		Woman	1,872	62	809	63	1,053	62	1,005	69	820	55
		Another gender identity	7	0	4	0	3	0	3	0	4	0
		I prefer not to respond	13	0	5	0	7	0	6	0	7	0
		Total	3,017	100	1,294	100	1,707	100	1,451	100	1,498	100
30. Are you an international student or foreign national?												
	cinternat	No	2,971	99	1,274	99	1,683	100	1,435	100	1,469	99
		Yes	19	1	13	1	6	0	6	0	12	1
		Total	2,990	100	1,287	100	1,689	100	1,441	100	1,481	100
31. How would you describe yourself? (Select all that apply)												
	re_allb	American Indian or Alaska Native	4	0	4	0	0	0	1	0	2	0
		Asian	75	2	29	2	46	3	32	2	43	3
	(Recoded from c_aminid to c_pnr where each student is represented only once.)	Black or African American	299	10	166	13	131	8	91	6	192	13
		Hispanic or Latino	231	8	181	14	48	3	74	5	144	10
		Middle Eastern or North African	10	0	5	0	5	0	1	0	8	1
		Native Hawaiian or Other Pacific Islander	3	0	1	0	2	0	2	0	1	0
		White	2,104	70	763	59	1,333	78	1,134	78	941	63
		Another race or ethnicity	2	0	1	0	0	0	0	0	2	0
		Multiracial	289	10	144	11	143	8	115	8	166	11
		I prefer not to respond	0	0	0	0	0	0	0	0	0	0
		Total	3,017	100	1,294	100	1,708	100	1,450	100	1,499	100

First-Year Students

Item wording or description	Variable name	Response options	All Students		First-Generation ^a				Self-Reported HS Grades			
			Count	%	Yes		No		A- or Higher		B+ or Lower	
					Count	%	Count	%	Count	%	Count	%
32. Regarding your parents (or those who raised you), what is the highest level of education completed by either of them?												
	cpardegr18	Did not finish high school	91	3	91	7	0	0	29	2	54	4
		High school diploma or G.E.D.	583	19	583	45	0	0	226	16	342	23
		Attended college, but did not complete degree	307	10	307	24	0	0	139	10	153	10
		Associate's degree (A.A., A.S., etc.)	315	10	315	24	0	0	145	10	164	11
		Bachelor's degree (B.A., B.S., etc.)	993	33	0	0	993	58	515	36	462	31
		Master's degree (M.A., M.S., etc.)	594	20	0	0	594	35	318	22	268	18
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	122	4	0	0	122	7	75	5	47	3
		Total	3,005	100	1,296	100	1,709	100	1,447	100	1,490	100
	First-generation status (Neither parent holds a bachelor's degree. Recoded from cpardegr18)	bfirstgen										
		First-generation	1,296	43	1,296	100	0	0	539	37	713	48
		Not first-generation	1,709	57	0	0	1,709	100	908	63	777	52
		Total	3,005	100	1,296	100	1,709	100	1,447	100	1,490	100
33. Which of the following best describes where you will be living while attending college?												
	cliving18	Campus housing (other than a fraternity or sorority house)	2,701	93	1,185	94	1,506	92	1,285	92	1,355	94
		Fraternity or sorority house	25	1	6	0	19	1	8	1	17	1
		House, apartment, or other residence within walking distance to campus	98	3	36	3	60	4	41	3	57	4
		House, apartment, or other residence farther than walk. dist. to campus	83	3	27	2	56	3	69	5	12	1
		Not applicable: No campus, entirely online program, etc.	1	0	1	0	0	0	1	0	0	0
		Not applicable: Homeless or in transition	0	0	0	0	0	0	0	0	0	0
		Total	2,908	100	1,255	100	1,641	100	1,404	100	1,441	100

BCSSE 2019

First-Year Student Frequencies and Statistical Comparisons

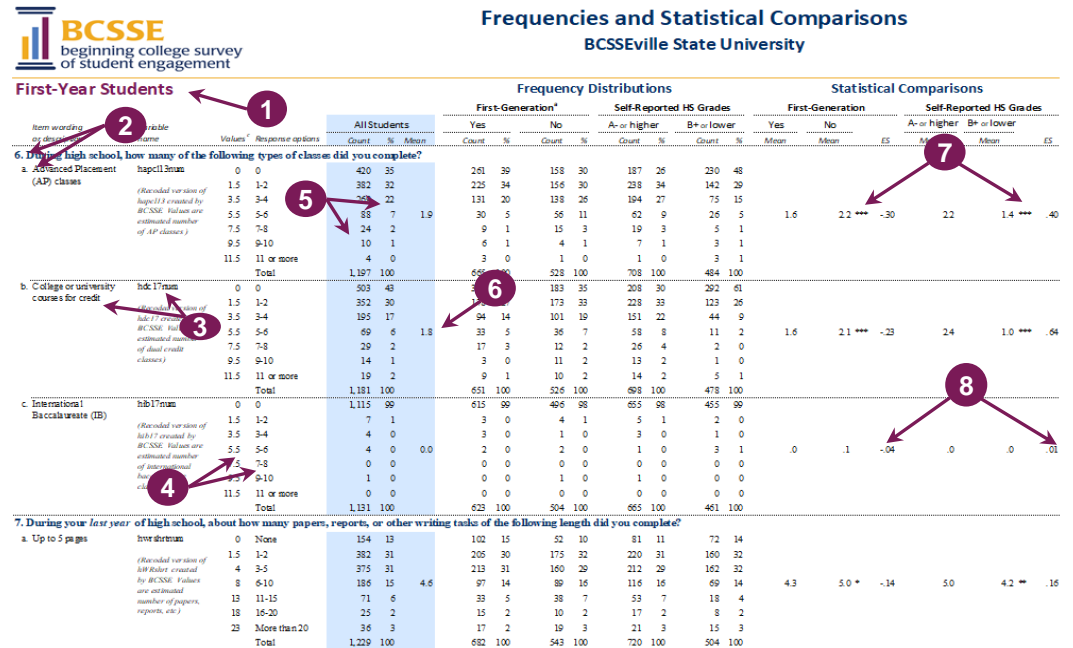
Illinois State University

Frequencies and Statistical Comparisons

About This Report

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

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



Item wording or description of variable	Variable name	Values	Response options	Frequency Distributions								Statistical Comparisons								
				All Students		First-Generation*		Self-Reported HS Grades		First-Generation		Self-Reported HS Grades		Mean	Mean	ES	Mean	ES		
				Count	%	Count	%	Count	%	Count	%	Count	%						A- or higher	B+ or lower
6. During high school, how many of the following types of classes did you complete?																				
a. Advanced Placement (AP) classes	hapc11num	0	0	420	35	261	39	158	30	187	26	230	48							
		1.5	1-2	382	32	225	34	156	30	238	34	142	29							
		3.5	3-4	55	22	131	20	138	26	194	27	75	15							
		5.5	5-6	88	7	30	5	56	11	62	9	26	5	1.6	2.2 ***	-.30	2.2	1.4 ***	.40	
		7.5	7-8	24	2	9	1	15	3	19	3	5	1							
		9.5	9-10	10	1	6	1	4	1	7	1	3	1							
		11.5	11 or more	4	0	3	0	1	0	1	0	3	1							
		Total		1,187	100	656	99	523	100	708	100	484	100							
b. College or university courses for credit																				
	hdc17num	0	0	303	43	183	35	208	30	202	41									
		1.5	1-2	352	30	173	33	228	33	123	26									
		3.5	3-4	195	17	94	14	101	19	151	22	44	9							
		5.5	5-6	69	6	33	5	36	7	58	8	11	2	1.6	2.1 ***	-.23	2.4	1.0 ***	.64	
		7.5	7-8	29	2	17	3	12	2	26	4	2	0							
		9.5	9-10	14	1	3	0	11	2	13	2	1	0							
		11.5	11 or more	19	2	9	1	10	2	14	2	5	1							
		Total		1,181	100	651	100	526	100	698	100	478	100							
c. International Baccalaureate (IB)																				
	hib11num	0	0	1,115	99	615	99	496	98	655	98	455	99							
		1.5	1-2	7	1	3	0	4	1	5	1	2	0							
		3.5	3-4	4	0	3	0	1	0	3	0	1	0							
		5.5	5-6	4	0	2	0	2	0	1	0	3	1	.0	1	-.04	.0	.0	.01	
		7.5	7-8	0	0	0	0	0	0	0	0	0	0							
		9.5	9-10	1	0	0	0	1	0	1	0	0	0							
		11.5	11 or more	0	0	0	0	0	0	0	0	0	0							
		Total		1,131	100	623	100	504	100	665	100	461	100							
7. During your last year of high school, about how many papers, reports, or other writing tasks of the following length did you complete?																				
a. Up to 5 pages	hvrstr1num	0	None	154	13	102	15	52	10	81	11	72	14							
		1.5	1-2	382	31	205	30	175	32	220	31	160	32							
		4	3-5	375	31	213	31	160	29	212	29	162	32							
		8	6-10	186	15	97	14	89	16	116	16	69	14	4.3	5.0 *	-.14	5.0	4.2 **	.16	
		13	11-15	71	6	33	5	38	7	53	7	18	4							
		18	16-20	25	2	15	2	10	2	17	2	8	2							
		23	More than 20	36	3	17	2	19	3	21	3	15	3							
		Total		1,229	100	682	100	543	100	720	100	504	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.

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation ^a		Self-Reported HS Grades				First-Generation		Self-Reported HS Grades						
				Count	%	Mean	Count	%	Yes	No	A- or higher	B+ or lower	Yes	No	ES	A- or higher	B+ or lower	ES			
6. During high school, how many of the following types of classes did you complete?																					
a. Advanced Placement (AP) classes	hapc13num	0	0	766	27			336	28	395	25	286	21	465	32						
		1.5	1-2	1,098	38			443	37	613	39	501	36	568	39						
		3.5	3-4	569	20			245	20	309	20	320	23	242	17						
		5.5	5-6	281	10	2.3		114	10	156	10	164	12	110	8	2.2	2.4	-.07	2.7	1.9 ***	.34
		7.5	7-8	115	4			43	4	67	4	79	6	34	2						
		9.5	9-10	37	1			13	1	24	2	25	2	12	1						
		11.5	11 or more	16	1			4	0	12	1	9	1	7	0						
		Total		2,882	100			1,198	100	1,576	100	1,384	100	1,438	100						
b. College or university courses for credit	hdc17num	0	0	1,336	50			570	53	716	48	576	45	735	56						
		1.5	1-2	897	34			355	33	513	35	435	34	439	33						
		3.5	3-4	254	10			98	9	149	10	153	12	97	7						
		5.5	5-6	92	3	1.3		33	3	59	4	68	5	22	2	1.2	1.4	-.07	1.6	1.0 ***	.32
		7.5	7-8	37	1			13	1	24	2	28	2	9	1						
		9.5	9-10	17	1			6	1	10	1	13	1	3	0						
		11.5	11 or more	22	1			10	1	10	1	15	1	7	1						
	Total		2,655	100			1,085	100	1,481	100	1,288	100	1,312	100							
c. International Baccalaureate (IB)	hib17num	0	0	2,210	97			908	97	1,220	98	1,070	98	1,099	97						
		1.5	1-2	28	1			13	1	14	1	11	1	16	1						
		3.5	3-4	13	1			4	0	7	1	5	0	6	1						
		5.5	5-6	6	0	0.1		2	0	4	0	4	0	2	0	.2	.1	.07	.1	.2	-.06
		7.5	7-8	9	0			6	1	3	0	2	0	7	1						
		9.5	9-10	1	0			0	0	0	0	0	0	1	0						
		11.5	11 or more	9	0			6	1	3	0	3	0	5	0						
	Total		2,276	100			939	100	1,251	100	1,095	100	1,136	100							
7. During your last year of high school, about how many papers, reports, or other writing tasks of the following length did you complete?																					
a. Up to 5 pages	hwrshtrnum	0	None	145	5			67	5	69	4	61	4	81	5						
		1.5	1-2	815	26			352	28	436	26	355	24	443	29						
		4	3-5	1,165	38			509	40	611	36	535	36	600	39						
		8	6-10	571	18	5.5		207	16	346	20	297	20	269	17	5.2	5.8 **	-.11	6.0	5.2 ***	.15
		13	11-15	200	6			75	6	114	7	119	8	73	5						
		18	16-20	65	2			22	2	43	3	38	3	27	2						
		23	More than 20	126	4			47	4	72	4	64	4	59	4						
	Total		3,087	100			1,279	100	1,691	100	1,469	100	1,552	100							

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

		Frequency Distributions												Statistical Comparisons							
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
b. Between 6 and 10 pages	hwrmndnum	0	None	1,030	35		442	36	541	34	454	32	553	38							
		1.5	1-2	1,379	47		570	47	759	47	673	47	673	46							
		4	3-5	404	14		157	13	233	14	229	16	170	12							
		8	6-10	91	3	1.7	32	3	56	3	46	3	42	3	1.6	1.8	-.07	1.8	1.5 **	.12	
		13	11-15	25	1		8	1	17	1	14	1	11	1							
		18	16-20	2	0		1	0	1	0	2	0	0	0							
		23	More than 20	6	0		3	0	3	0	3	0	3	0							
		Total			2,937	100		1,213	100	1,610	100	1,421	100	1,452	100						
c. 11 pages or more	hwrlngnum	0	None	2,150	75		905	76	1,158	74	997	72	1,109	78							
		1.5	1-2	635	22		254	21	355	23	343	25	279	20							
		4	3-5	59	2		20	2	39	2	36	3	21	1							
		8	6-10	19	1	0.5	8	1	11	1	9	1	8	1	.5	.6	-.05	.6	.5 *	.08	
		13	11-15	3	0		0	0	3	0	1	0	2	0							
		18	16-20	1	0		1	0	0	0	1	0	0	0							
		23	More than 20	5	0		2	0	3	0	2	0	3	0							
		Total			2,872	100		1,190	100	1,569	100	1,389	100	1,422	100						
8. During your last year of high school, about how many hours did you spend in a typical 7-day week doing the following?																					
a. Preparing for class (studying, reading, doing homework, etc.)	hacadpr13hrs	0	0	52	2		23	2	21	1	12	1	39	2							
		3	1-5	1,335	43		584	45	694	41	574	39	727	46							
		8	6-10	944	30		380	30	529	31	444	30	481	31							
		13	11-15	454	15		173	13	271	16	236	16	207	13							
		18	16-20	213	7	7.8	84	7	122	7	128	9	83	5	7.5	8.1 **	-.10	8.7	7.0 ***	.29	
		23	21-25	75	2		31	2	44	3	55	4	18	1							
		28	26-30	24	1		8	1	14	1	17	1	7	0							
		33	More than 30	17	1		5	0	12	1	14	1	3	0							
	Total			3,114	100		1,288	100	1,707	100	1,480	100	1,565	100							
b. Working for pay	hworkhrs	0	0	838	27		340	26	465	27	439	30	385	25							
		3	1-5	337	11		122	9	201	12	180	12	153	10							
		8	6-10	414	13		153	12	249	15	199	13	205	13							
		13	11-15	483	16		176	14	291	17	239	16	236	15							
		18	16-20	489	16	10.9	208	16	259	15	221	15	255	16	11.9	10.1 ***	.19	9.8	11.7 ***	-.20	
		23	21-25	321	10		156	12	150	9	115	8	195	12							
		28	26-30	127	4		66	5	57	3	46	3	77	5							
		33	More than 30	107	3		72	6	32	2	42	3	60	4							
	Total			3,116	100		1,293	100	1,704	100	1,481	100	1,566	100							

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation ^a		Self-Reported HS Grades				First-Generation			Self-Reported HS Grades				
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean
c. Participating in co-curricular activities (organizations, school publications, student government, sports, etc.)	hcocurrhrs	0	0	308	10		148	11	138	8	94	6	202	13						
		3	1-5	694	22		325	25	346	20	311	21	360	23						
		8	6-10	531	17		211	16	289	17	266	18	255	16						
		13	11-15	620	20		228	18	377	22	306	21	303	19						
		18	16-20	474	15	11.7	195	15	267	16	246	17	225	14	11.1	12.2 ***	-.13	12.6	10.9 ***	.19
		23	21-25	229	7		78	6	142	8	108	7	117	7						
		28	26-30	79	3		25	2	53	3	46	3	32	2						
		33	More than 30	178	6		80	6	92	5	102	7	71	5						
		Total	3,113	100		1,290	100	1,704	100	1,479	100	1,565	100							
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	hsocial13hrs	0	0	8	0		6	0	2	0	6	0	2	0						
		3	1-5	521	17		244	19	258	15	259	17	241	15						
		8	6-10	911	29		385	30	496	29	439	30	449	29						
		13	11-15	704	23		277	21	400	23	344	23	348	22						
		18	16-20	456	15	13.1	172	13	269	16	208	14	241	15	12.6	13.2	-.07	12.7	13.5 **	-.09
		23	21-25	225	7		85	7	132	8	99	7	123	8						
		28	26-30	73	2		29	2	36	2	25	2	46	3						
		33	More than 30	220	7		92	7	114	7	102	7	117	7						
		Total	3,118	100		1,290	100	1,707	100	1,482	100	1,567	100							
9. During your last year of high school, of the time you spent preparing for class in a typical 7-day week, about how much was on assigned reading?																				
	htmread14	1	Very little	791	26		302	23	454	27	357	24	421	27						
		2	Some	1,445	47		599	47	797	47	710	48	712	46						
		3	About half	584	19	2.1	254	20	305	18	276	19	286	18	2.2	2.1 **	.11	2.1	2.1	.04
		4	Most	243	8		113	9	123	7	109	7	124	8						
		5	Almost all	37	1		19	1	16	1	22	1	15	1						
		Total	3,100	100		1,287	100	1,695	100	1,474	100	1,558	100							
10. During your last year of high school, about how often did you do the following?																				
a. Came to class without completing readings or assignments	hunprepared	1	Never	1,056	34		418	32	617	36	700	47	335	22						
		2	Sometimes	1,761	57		758	59	934	55	692	47	1,032	66						
		3	Often	197	6	1.8	87	7	103	6	52	4	138	9	1.8	1.8	.05	1.6	1.9 ***	-.52
		4	Very often	85	3		29	2	48	3	30	2	52	3						
		Total	3,099	100		1,292	100	1,702	100	1,474	100	1,557	100							

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons								
				All Students			First-Generation ^a		Self-Reported HS Grades				First-Generation			Self-Reported HS Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
b. Prepared two or more drafts of a paper or assignment before turning it in	hdrafting	1	Never	422	14		150	12	256	15	178	12	235	15								
		2	Sometimes	1,381	45		585	45	750	44	675	46	681	44								
		3	Often	971	31	2.4	414	32	525	31	450	31	490	31	2.4	2.4 *	.08	2.4	2.4	.07		
		4	Very often	326	11		142	11	172	10	172	12	151	10								
		Total		3,100	100		1,291	100	1,703	100	1,475	100	1,557	100								
c. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	hQRconclud	1	Never	174	6		65	5	100	6	79	5	91	6								
		2	Sometimes	977	32		418	32	532	31	444	30	515	33								
		3	Often	1,383	45	2.8	593	46	746	44	652	44	701	45	2.7	2.8	-.02	2.8	2.7 **	.10		
		4	Very often	557	18		212	16	321	19	293	20	248	16								
		Total		3,091	100		1,288	100	1,699	100	1,468	100	1,555	100								
d. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	hQRproblm	1	Never	338	11		159	12	172	10	161	11	169	11								
		2	Sometimes	1,294	42		538	42	709	42	620	42	649	42								
		3	Often	1,034	33	2.5	424	33	577	34	487	33	524	34	2.5	2.5	-.07	2.5	2.5	-.01		
		4	Very often	426	14		168	13	243	14	201	14	213	14								
		Total		3,092	100		1,289	100	1,701	100	1,469	100	1,555	100								
e. Evaluated what others have concluded from numerical information	hQRrevaluat	1	Never	343	11		143	11	190	11	141	10	189	12								
		2	Sometimes	1,407	46		574	45	785	46	695	47	688	45								
		3	Often	1,006	33	2.4	430	34	548	32	470	32	514	33	2.4	2.4	.02	2.4	2.4	.04		
		4	Very often	322	10		133	10	173	10	160	11	154	10								
		Total		3,078	100		1,280	100	1,696	100	1,466	100	1,545	100								
f. Identified key information from reading assignments	hLSreading	1	Never	49	2		23	2	25	1	12	1	36	2								
		2	Sometimes	674	22		281	22	368	22	294	20	360	23								
		3	Often	1,348	44	3.1	575	45	733	43	635	43	687	44	3.1	3.1	-.04	3.1	3.0 ***	.16		
		4	Very often	1,010	33		405	32	568	34	529	36	461	30								
		Total		3,081	100		1,284	100	1,694	100	1,470	100	1,544	100								
g. Reviewed your notes after class	hLSnotes	1	Never	192	6		73	6	111	7	83	6	105	7								
		2	Sometimes	1,146	37		484	38	620	37	501	34	627	40								
		3	Often	1,049	34	2.7	441	34	572	34	516	35	504	33	2.7	2.7	.00	2.8	2.7 ***	.15		
		4	Very often	699	23		289	22	393	23	369	25	313	20								
		Total		3,086	100		1,287	100	1,696	100	1,469	100	1,549	100								

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

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons								
				All Students			First-Generation ^a		Self-Reported HS Grades				First-Generation		Self-Reported HS Grades							
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
h Summarized what you learned in class or from course materials	hLSsummary	1	Never	156	5		64	5	85	5	69	5	86	6								
		2	Sometimes	1,052	34		468	36	553	33	497	34	536	35								
		3	Often	1,222	40	2.8	486	38	699	41	572	39	618	40	2.7	2.8	-.05	2.8	2.7	.07		
		4	Very often	646	21		265	21	355	21	329	22	301	20								
		Total		3,076	100		1,283	100	1,692	100	1,467	100	1,541	100								
i Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	hridivers	1	Never	251	8		111	9	134	8	111	8	135	9								
		2	Sometimes	1,199	39		501	39	665	39	593	40	586	38								
		3	Often	961	31	2.7	403	31	529	31	461	31	483	31	2.6	2.7	-.03	2.7	2.7	-.02		
		4	Very often	674	22		270	21	373	22	304	21	344	22								
		Total		3,085	100		1,285	100	1,701	100	1,469	100	1,548	100								
j Examined the strengths and weaknesses of your own views on a topic or issue	hriownview	1	Never	154	5		72	6	79	5	80	5	70	5								
		2	Sometimes	988	32		394	31	568	33	508	35	464	30								
		3	Often	1,266	41	2.8	555	43	672	40	583	40	659	43	2.8	2.8	-.01	2.7	2.8 **	-.11		
		4	Very often	679	22		268	21	380	22	299	20	356	23								
		Total		3,087	100		1,289	100	1,699	100	1,470	100	1,549	100								
k Tried to better understand someone else's views by imagining how an issue looks from their perspective	hriperspt	1	Never	69	2		36	3	32	2	29	2	39	3								
		2	Sometimes	762	25		303	24	435	26	383	26	365	24								
		3	Often	1,280	41	3.0	532	41	714	42	620	42	634	41	3.0	3.0	.03	3.0	3.0	-.05		
		4	Very often	979	32		418	32	521	31	441	30	511	33								
		Total		3,090	100		1,289	100	1,702	100	1,473	100	1,549	100								
11. During your last year of high school, how involved were you in the following activities at your school or elsewhere?																						
a. Performing or visual arts programs (band, chorus, theater, art, etc.)	hinvars	1	Not at all	1,462	47		606	47	809	48	640	44	795	51								
		2	Very little	326	11		133	10	181	11	147	10	171	11								
		3	Some	326	11	2.5	134	10	182	11	154	10	157	10	2.5	2.5	.01	2.7	2.3 ***	.21		
		4	Quite a bit	248	8		116	9	126	7	114	8	129	8								
		5	Very much	721	23		295	23	402	24	416	28	292	19								
		Total		3,083	100		1,284	100	1,700	100	1,471	100	1,544	100								
b. Athletic teams (varsity, JV, club sport, etc.)	hinvathl	1	Not at all	630	20		306	24	300	18	319	22	292	19								
		2	Very little	254	8		112	9	134	8	123	8	124	8								
		3	Some	462	15	3.5	202	16	248	15	203	14	247	16	3.4	3.6 ***	-.16	3.5	3.5	-.04		
		4	Quite a bit	447	15		149	12	277	16	208	14	233	15								
		5	Very much	1,289	42		516	40	740	44	620	42	645	42								
		Total		3,082	100		1,285	100	1,699	100	1,473	100	1,541	100								

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation ^a		No		Self-Reported HS Grades		First-Generation		Self-Reported HS Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
c. Student government	hstugov	1	Not at all	2,221	72		926	72	1,221	72	993	68	1,187	77							
		2	Very little	326	11		138	11	176	10	170	12	145	9							
		3	Some	247	8	1.6	111	9	130	8	124	8	114	7	1.6	1.6	-.03	1.7	1.5 ***	.24	
		4	Quite a bit	131	4		49	4	78	5	82	6	45	3							
		5	Very much	144	5		55	4	88	5	96	7	46	3							
		Total		3,069	100		1,279	100	1,693	100	1,465	100	1,537	100							
d. Publications (student newspaper, yearbook, etc.)	hinvpubs	1	Not at all	2,346	76		991	77	1,282	76	1,107	76	1,192	77							
		2	Very little	286	9		98	8	176	10	149	10	129	8							
		3	Some	220	7	1.5	97	8	117	7	98	7	114	7	1.5	1.5	.00	1.5	1.5	.03	
		4	Quite a bit	104	3		48	4	54	3	50	3	52	3							
		5	Very much	120	4		49	4	67	4	62	4	55	4							
		Total		3,076	100		1,283	100	1,696	100	1,466	100	1,542	100							
e. Academic clubs or honor societies	hinvhon13	1	Not at all	1,363	44		610	48	705	42	384	26	949	62							
		2	Very little	326	11		138	11	176	10	143	10	172	11							
		3	Some	483	16	2.5	182	14	285	17	263	18	207	13	2.4	2.5 **	-.12	3.1	1.9 ***	.89	
		4	Quite a bit	439	14		171	13	257	15	306	21	126	8							
		5	Very much	467	15		182	14	275	16	374	25	87	6							
		Total		3,078	100		1,283	100	1,698	100	1,470	100	1,541	100							
f. Vocational clubs (business, health, technology, etc.)	hinvvcl	1	Not at all	2,248	73		959	75	1,217	72	1,054	72	1,153	75							
		2	Very little	288	9		108	8	169	10	148	10	133	9							
		3	Some	284	9	1.6	117	9	160	9	131	9	141	9	1.5	1.6	-.04	1.6	1.5 *	.08	
		4	Quite a bit	130	4		40	3	85	5	64	4	59	4							
		5	Very much	117	4		57	4	58	3	67	5	49	3							
		Total		3,067	100		1,281	100	1,689	100	1,464	100	1,535	100							
g. Religious youth groups	hrelgrp	1	Not at all	2,215	72		1,020	79	1,126	67	992	68	1,176	77							
		2	Very little	241	8		76	6	156	9	126	9	109	7							
		3	Some	271	9	1.7	92	7	173	10	143	10	120	8	1.5	1.8 ***	-.27	1.8	1.5 ***	.21	
		4	Quite a bit	149	5		36	3	104	6	88	6	56	4							
		5	Very much	195	6		60	5	131	8	118	8	75	5							
		Total		3,071	100		1,284	100	1,690	100	1,467	100	1,536	100							

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation ^a		No		Self-Reported HS Grades				First-Generation		Self-Reported HS Grades				
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
h. Community service or volunteer work	hvolntr	1	Not at all	522	17		248	19	249	15	179	12	334	22							
		2	Very little	381	12		173	13	202	12	143	10	229	15							
		3	Some	946	31	3.1	362	28	553	33	433	29	489	32	3.1	3.2 *	-.09	3.4	2.9 ***	.40	
		4	Quite a bit	637	21		252	20	362	21	350	24	277	18							
		5	Very much	593	19		251	20	329	19	364	25	213	14							
		Total		3,079	100		1,286	100	1,695	100	1,469	100	1,542	100							
12. During your last year of high school, to what extent did your course challenge you to do your best work?																					
	hchallenge	1	Not at all	30	1		14	1	14	1	13	1	17	1							
		2		100	3		33	3	64	4	43	3	57	4							
		3		273	9		112	9	148	9	103	7	164	11							
		4		708	23	4.8	299	23	388	23	317	22	377	25	4.8	4.8	.05	4.9	4.7 ***	.19	
		5		1,181	39		495	39	657	39	567	39	591	38							
		6		562	18		222	17	322	19	302	21	246	16							
		7	Very much	210	7		105	8	96	6	116	8	85	6							
		Total		3,064	100		1,280	100	1,689	100	1,461	100	1,537	100							
13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing the following?																					
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	cacadpr13hrs <i>(Recoded version of cacadpr13 created by BCSSE. Values are estimated number of hours)</i>	0	0	1	0		0	0	1	0	0	0	1	0							
		3	1-5	116	4		61	5	49	3	44	3	69	5							
		8	6-10	576	19		251	20	311	18	264	18	292	19							
		13	11-15	927	30		381	30	516	31	447	31	461	30							
		18	16-20	835	27	15.4	337	26	476	28	405	28	416	27	15.2	15.5	-.06	15.7	15.2 *	.08	
		23	21-25	431	14		172	13	242	14	210	14	214	14							
		28	26-30	127	4		58	5	66	4	61	4	64	4							
		33	More than 30	47	2		18	1	28	2	30	2	16	1							
		Total		3,060	100		1,278	100	1,689	100	1,461	100	1,533	100							
b. Working for pay on- or off-campus	cworkhrs <i>(Recoded version of cworkhrs created by BCSSE. Values are estimated number of hours)</i>	0	0	530	17		180	14	337	20	270	19	249	16							
		3	1-5	360	12		137	11	216	13	178	12	173	11							
		8	6-10	684	22		261	20	405	24	346	24	326	21							
		13	11-15	700	23		318	25	366	22	328	23	359	24							
		18	16-20	485	16	10.4	223	17	239	14	212	15	260	17	11.5	9.5 ***	.26	10.0	10.8 **	-.11	
		23	21-25	185	6		92	7	83	5	79	5	101	7							
		28	26-30	55	2		35	3	20	1	23	2	32	2							
		33	More than 30	49	2		29	2	17	1	21	1	26	2							
		Total		3,048	100		1,275	100	1,683	100	1,457	100	1,526	100							

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation ^a		Self-Reported HS Grades				First-Generation			Self-Reported HS Grades				
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean
c. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	ccocurrhrs	0	0	113	4		55	4	52	3	43	3	69	4						
		3	1-5	676	22		289	23	373	22	311	21	354	23						
		8	6-10	1,059	35		441	34	588	35	533	37	499	32						
		13	11-15	703	23		307	24	372	22	333	23	352	23						
		18	16-20	326	11	10.0	114	9	200	12	165	11	156	10	9.7	10.1	-.06	9.9	9.9	.00
		23	21-25	95	3		39	3	56	3	38	3	54	4						
		28	26-30	42	1		17	1	25	1	17	1	23	1						
		33	More than 30	49	2		19	1	26	2	20	1	29	2						
			Total	3,063	100		1,281	100	1,692	100	1,460	100	1,536	100						
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	csocial13hrs	0	0	6	0		3	0	3	0	5	0	1	0						
		3	1-5	331	11		178	14	146	9	155	11	165	11						
		8	6-10	957	31		415	32	515	30	447	31	483	31						
		13	11-15	920	30		359	28	540	32	447	31	457	30						
		18	16-20	523	17	12.6	193	15	312	18	250	17	267	17	12.0	12.9 ***	-.13	12.6	12.6	.01
		23	21-25	200	7		83	6	107	6	93	6	103	7						
		28	26-30	57	2		23	2	30	2	33	2	23	1						
		33	More than 30	69	2		26	2	41	2	33	2	35	2						
			Total	3,063	100		1,280	100	1,694	100	1,463	100	1,534	100						
14. During the coming school year, of the time you expect to spend preparing for class in a typical 7-day week, about how much will be on assigned reading?																				
	ctmread17	1	Very little	31	1		16	1	15	1	16	1	15	1						
		2	Some	708	23		264	21	429	25	331	23	368	24						
		3	About half	1,306	43	3.1	540	42	729	43	625	43	651	43	3.2	3.1 ***	.13	3.1	3.1	.01
		4	Most	919	30		413	32	472	28	454	31	443	29						
		5	Almost all	95	3		47	4	45	3	36	2	54	4						
		Total		3,059	100		1,280	100	1,690	100	1,462	100	1,531	100						
15. During the coming school year, about how often do you expect to do the following?																				
a. Ask another student to help you understand course material	cCLaskhlp	1	Never	16	1		6	0	10	1	5	0	10	1						
		2	Sometimes	1,136	37		476	37	621	37	582	40	533	35						
		3	Often	1,357	44	2.8	553	43	767	45	642	44	689	45	2.8	2.8	.03	2.8	2.8 **	-.11
		4	Very often	560	18		250	19	296	17	235	16	306	20						
		Total		3,069	100		1,285	100	1,694	100	1,464	100	1,538	100						

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Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons								
				All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades				
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
b. Explain course material to one or more students	cCLxplain	1	Never	47	2		19	1	24	1	13	1	34	2								
		2	Sometimes	1,453	47		603	47	808	48	673	46	755	49								
		3	Often	1,249	41	2.6	522	41	694	41	613	42	604	39	2.6	2.6	.03	2.6	2.6	**	.11	
		4	Very often	317	10		141	11	166	10	163	11	144	9								
		Total		3,066	100		1,285	100	1,692	100	1,462	100	1,537	100								
c. Prepare for exams by discussing or working through course material with other students	cCLstudy	1	Never	28	1		11	1	16	1	10	1	17	1								
		2	Sometimes	603	20		267	21	317	19	289	20	306	20								
		3	Often	1,577	51	3.1	652	51	884	52	758	52	788	51	3.1	3.1	-.03	3.1	3.1		.02	
		4	Very often	857	28		354	28	475	28	406	28	424	28								
		Total		3,065	100		1,284	100	1,692	100	1,463	100	1,535	100								
d. Work with other students on course projects or assignments	cCLproject	1	Never	21	1		10	1	11	1	10	1	10	1								
		2	Sometimes	687	22		282	22	388	23	343	23	335	22								
		3	Often	1,548	50	3.0	646	50	859	51	754	52	756	49	3.0	3.0	.03	3.0	3.1	*	-.08	
		4	Very often	811	26		348	27	435	26	355	24	437	28								
		Total		3,067	100		1,286	100	1,693	100	1,462	100	1,538	100								
e. Talk about career plans with a faculty member	cSFcareer	1	Never	21	1		8	1	13	1	7	0	14	1								
		2	Sometimes	1,214	40		474	37	712	42	595	41	601	39								
		3	Often	1,335	44	2.7	565	44	739	43	633	43	666	44	2.8	2.7	***	.14	2.7	2.7		-.01
		4	Very often	490	16		240	19	236	14	229	16	246	16								
		Total		3,060	100		1,287	100	1,700	100	1,464	100	1,527	100								
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	cSFothrwrk	1	Never	166	5		63	5	102	6	70	5	93	6								
		2	Sometimes	1,632	53		667	52	927	55	822	56	782	51								
		3	Often	992	32	2.4	422	33	545	32	453	31	511	34	2.5	2.4	**	.12	2.4	2.5		-.04
		4	Very often	266	9		138	11	121	7	120	8	136	9								
		Total		3,056	100		1,290	100	1,695	100	1,465	100	1,522	100								
g. Discuss your academic performance with a faculty member	cSFprform	1	Never	54	2		28	2	25	1	22	1	31	2								
		2	Sometimes	1,243	41		487	38	721	42	629	43	599	39								
		3	Often	1,362	44	2.7	586	45	750	44	642	44	682	45	2.7	2.7	*	.08	2.7	2.7		-.06
		4	Very often	402	13		188	15	204	12	174	12	213	14								
		Total		3,061	100		1,289	100	1,700	100	1,467	100	1,525	100								
h. Discuss course topics, ideas, or concepts with a faculty member outside of class	cSFdiscuss	1	Never	107	4		39	3	66	4	41	3	66	4								
		2	Sometimes	1,435	47		578	45	822	48	735	50	675	44								
		3	Often	1,198	39	2.6	526	41	644	38	542	37	621	41	2.6	2.5	*	.09	2.5	2.6		-.04
		4	Very often	313	10		142	11	165	10	147	10	157	10								
		Total		3,053	100		1,285	100	1,697	100	1,465	100	1,519	100								

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Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

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				All Students			First-Generation ^a		Self-Reported HS Grades				First-Generation		Self-Reported HS Grades							
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
i Prepare two or more drafts of a paper or assignment before turning it in	cdrafting	1	Never	95	3		33	3	60	4	42	3	49	3								
		2	Sometimes	1,057	35		450	35	586	34	487	33	555	36								
		3	Often	1,375	45	2.8	596	46	749	44	673	46	664	44	2.8	2.8	.00	2.8	2.7	.07		
		4	Very often	531	17		208	16	305	18	263	18	256	17								
		Total		3,058	100		1,287	100	1,700	100	1,465	100	1,524	100								
j Come to class without completing readings or assignments	cunprepard	1	Never	2,050	67		838	65	1,170	69	1,083	74	923	61								
		2	Sometimes	778	25		343	27	416	25	303	21	459	30								
		3	Often	143	5	1.4	66	5	74	4	41	3	96	6	1.5	1.4 *	.09	1.3	1.5 ***	-.25		
		4	Very often	83	3		39	3	37	2	37	3	43	3								
		Total		3,054	100		1,286	100	1,697	100	1,464	100	1,521	100								
16. During the coming school year, about how often do you expect to have discussions with people from the following groups?																						
a. People of a race or ethnicity other than your own	cDVrace	1	Never	16	1		8	1	8	0	3	0	12	1								
		2	Sometimes	372	12		170	13	195	12	167	11	197	13								
		3	Often	1,283	42	3.3	529	41	726	43	644	44	616	41	3.3	3.3	-.03	3.3	3.3	.02		
		4	Very often	1,381	45		580	45	766	45	650	44	695	46								
		Total		3,052	100		1,287	100	1,695	100	1,464	100	1,520	100								
b. People from an economic background other than your own	cDVeconomic	1	Never	24	1		12	1	12	1	8	1	15	1								
		2	Sometimes	345	11		161	13	178	11	148	10	188	12								
		3	Often	1,353	44	3.3	543	42	780	46	682	47	650	43	3.3	3.3	-.01	3.3	3.3	.03		
		4	Very often	1,327	44		569	44	724	43	625	43	665	44								
		Total		3,049	100		1,285	100	1,694	100	1,463	100	1,518	100								
c. People with religious beliefs other than your own	cDVreligion	1	Never	46	2		24	2	22	1	20	1	25	2								
		2	Sometimes	463	15		211	16	244	14	201	14	249	16								
		3	Often	1,282	42	3.2	525	41	728	43	639	44	623	41	3.2	3.2	-.05	3.2	3.2	.05		
		4	Very often	1,259	41		525	41	701	41	603	41	622	41								
		Total		3,050	100		1,285	100	1,695	100	1,463	100	1,519	100								
d. People with political views other than your own	cDVpolitical	1	Never	57	2		27	2	29	2	20	1	36	2								
		2	Sometimes	564	18		256	20	297	18	254	17	296	19								
		3	Often	1,250	41	3.2	510	40	710	42	626	43	606	40	3.1	3.2	-.05	3.2	3.1	.05		
		4	Very often	1,179	39		491	38	660	39	562	38	582	38								
		Total		3,050	100		1,284	100	1,696	100	1,462	100	1,520	100								

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation ^a		Self-Reported HS Grades				First-Generation		Self-Reported HS Grades						
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
17. During the coming school year, how certain are you that you will do the following?																					
a. Study when there are other interesting things to do	cotherint	1	Not at all certain	18	1			10	1	7	0	8	1	10	1						
		2		121	4			49	4	69	4	52	4	69	5						
		3		690	23			307	24	368	22	283	19	395	26						
		4		1,249	41	4.1		542	42	684	40	603	41	614	41	4.0	4.1 *	-.08	4.2	4.0 ***	.17
		5		699	23			269	21	416	25	382	26	304	20						
		6	Very certain	265	9			105	8	152	9	130	9	124	8						
		Total		3,042	100			1,282	100	1,696	100	1,458	100	1,516	100						
b. Find additional information for course assignments when you don't understand the material	cfindinfo	1	Not at all certain	6	0			4	0	2	0	2	0	4	0						
		2		45	1			13	1	29	2	19	1	26	2						
		3		300	10			125	10	166	10	127	9	167	11						
		4		845	28	4.7		353	28	477	28	371	25	456	30	4.7	4.7	.03	4.8	4.6 ***	.14
		5		1,139	37			485	38	637	38	580	40	537	35						
		6	Very certain	708	23			302	24	386	23	357	25	329	22						
		Total		3,043	100			1,282	100	1,697	100	1,456	100	1,519	100						
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	1	Not at all certain	28	1			11	1	16	1	10	1	18	1						
		2		225	7			107	8	114	7	92	6	131	9						
		3		731	24			317	25	396	23	319	22	394	26						
		4		1,044	34	4.0		424	33	601	35	547	38	473	31	4.0	4.0	-.04	4.1	4.0 *	.09
		5		705	23			290	23	401	24	349	24	340	22						
		6	Very certain	309	10			134	10	168	10	141	10	160	11						
		Total		3,042	100			1,283	100	1,696	100	1,458	100	1,516	100						
d. Ask instructors for help when you struggle with course assignments	caskinst	1	Not at all certain	9	0			4	0	5	0	0	0	9	1						
		2		49	2			22	2	25	1	27	2	22	1						
		3		314	10			137	11	172	10	148	10	162	11						
		4		704	23	4.8		308	24	381	23	323	22	367	24	4.8	4.8	.00	4.8	4.8	.04
		5		1,050	35			406	32	624	37	528	36	505	33						
		6	Very certain	911	30			406	32	485	29	429	29	449	30						
		Total		3,037	100			1,283	100	1,692	100	1,455	100	1,514	100						

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

		Frequency Distributions												Statistical Comparisons								
Item wording or description	Variable name	Values ^c	Response options	All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades				
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
e. Finish something you have started when you encounter challenges	cfinish	1	Not at all certain	5	0		4	0	1	0	1	0	4	0								
		2		28	1		12	1	15	1	6	0	22	1								
		3		207	7		104	8	100	6	73	5	127	8								
		4		839	28	4.8	363	28	459	27	376	26	448	30	4.8	4.9 *	-.08	4.9	4.7 ***	.20		
		5		1,120	37		453	35	646	38	567	39	529	35								
		6	Very certain	844	28		348	27	477	28	434	30	388	26								
	Total	3,043	100		1,284	100	1,698	100	1,457	100	1,518	100										
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	1	Not at all certain	26	1		12	1	14	1	10	1	14	1								
		2		132	4		52	4	78	5	64	4	64	4								
		3		474	16		210	16	252	15	238	16	228	15								
		4		884	29	4.5	359	28	506	30	435	30	427	28	4.5	4.5	-.01	4.4	4.5 *	-.08		
		5		839	28		363	28	460	27	426	29	399	26								
		6	Very certain	682	22		283	22	387	23	282	19	383	25								
	Total	3,037	100		1,279	100	1,697	100	1,455	100	1,515	100										
18. During the coming school year, how difficult do you expect the following to be?																						
a. Learning course material	cleanma	1	Not at all difficult	47	2		23	2	23	1	19	1	25	2								
		2		208	7		77	6	126	7	120	8	81	5								
		3		789	26		334	26	444	26	375	26	403	27								
		4		1,322	44	3.8	539	42	757	45	670	46	623	41	3.9	3.8 *	.08	3.8	3.9 ***	-.13		
		5		541	18		243	19	291	17	226	16	303	20								
		6	Very difficult	124	4		68	5	52	3	42	3	76	5								
	Total	3,031	100		1,284	100	1,693	100	1,452	100	1,511	100										
b. Managing your time	cmantime	1	Not at all difficult	61	2		30	2	30	2	35	2	23	2								
		2		255	8		95	7	153	9	146	10	102	7								
		3		600	20		255	20	335	20	294	20	289	19								
		4		891	29	4.1	379	30	499	29	425	29	452	30	4.1	4.1	.04	4.0	4.2 ***	-.16		
		5		825	27		336	26	473	28	389	27	420	28								
		6	Very difficult	401	13		189	15	205	12	163	11	227	15								
	Total	3,033	100		1,284	100	1,695	100	1,452	100	1,513	100										

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation ^a		No		Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean
c. Paying college or university expenses	cpaycoll	1	Not at all difficult	237	8		78	6	157	9	129	9	105	7							
		2		365	12		111	9	248	15	196	14	157	10							
		3		559	18		204	16	341	20	280	19	267	18							
		4		621	20	4.0	268	21	342	20	281	19	326	22	4.2	3.8 ***	.31	3.9	4.1 ***	-.13	
		5		604	20		283	22	309	18	273	19	321	21							
		6	Very difficult	644	21		339	26	297	18	292	20	335	22							
		Total		3,030	100		1,283	100	1,694	100	1,451	100	1,511	100							
d. Getting help with school work	cgethelp	1	Not at all difficult	324	11		142	11	176	10	142	10	168	11							
		2		840	28		315	25	511	30	443	31	379	25							
		3		1,005	33		408	32	579	34	496	34	487	32							
		4		612	20	2.9	286	22	318	19	279	19	325	22	3.0	2.8 ***	.14	2.8	3.0 ***	-.13	
		5		188	6		90	7	92	5	71	5	113	7							
		6	Very difficult	58	2		39	3	19	1	17	1	39	3							
		Total		3,027	100		1,280	100	1,695	100	1,448	100	1,511	100							
e. Making new friends	cmakefr	1	Not at all difficult	523	17		219	17	292	17	207	14	299	20							
		2		805	27		312	24	483	28	413	28	373	25							
		3		789	26		336	26	439	26	367	25	407	27							
		4		522	17	2.9	228	18	283	17	268	18	243	16	2.9	2.8 **	.10	2.9	2.8 *	.08	
		5		268	9		124	10	140	8	143	10	123	8							
		6	Very difficult	127	4		67	5	59	3	55	4	68	4							
		Total		3,034	100		1,286	100	1,696	100	1,453	100	1,513	100							
f. Interacting with faculty	cintfac	1	Not at all difficult	444	15		200	16	238	14	191	13	232	15							
		2		789	26		297	23	478	28	419	29	356	24							
		3		907	30		387	30	504	30	415	29	475	31							
		4		582	19	2.9	251	20	323	19	285	20	285	19	2.9	2.8 *	.08	2.9	2.9	-.03	
		5		233	8		103	8	123	7	114	8	117	8							
		6	Very difficult	75	2		46	4	28	2	26	2	47	3							
		Total		3,030	100		1,284	100	1,694	100	1,450	100	1,512	100							
19. During the coming school year, about how often do you expect to seek help with coursework from the following sources?																					
a. Faculty members	cseekfac	1	Never	18	1		7	1	11	1	10	1	8	1							
		2	Sometimes	1,213	40		507	39	692	41	613	42	572	38							
		3	Often	1,354	45	2.7	559	43	768	45	642	44	685	45	2.8	2.7	.07	2.7	2.8 **	-.12	
		4	Very often	448	15		214	17	226	13	186	13	249	16							
		Total		3,033	100		1,287	100	1,697	100	1,451	100	1,514	100							

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons								
				All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades				
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean	Mean	ES
b. Academic advisors	cseekaa	1	Never	43	1			13	1	29	2	21	1	21	1							
		2	Sometimes	1,193	39			475	37	699	41	650	45	526	35							
		3	Often	1,288	43	2.7		540	42	727	43	586	41	673	44	2.8	2.7 ***	.15	2.7	2.8 ***	-.23	
		4	Very often	504	17			256	20	239	14	189	13	294	19							
		Total		3,028	100			1,284	100	1,694	100	1,446	100	1,514	100							
c. Learning support services (tutoring, writing center, success coaching, etc.)	cseekls	1	Never	77	3			26	2	49	3	42	3	35	2							
		2	Sometimes	1,043	34			407	32	622	37	592	41	433	29							
		3	Often	1,264	42	2.8		553	43	690	41	572	39	664	44	2.9	2.8 ***	.14	2.7	2.9 ***	-.28	
		4	Very often	647	21			302	23	332	20	245	17	381	25							
		Total		3,031	100			1,288	100	1,693	100	1,451	100	1,513	100							
d. Friends or other students	cseekfrnd	1	Never	18	1			7	1	10	1	13	1	4	0							
		2	Sometimes	530	17			234	18	288	17	234	16	278	18							
		3	Often	1,481	49	3.1		630	49	827	49	716	50	733	48	3.1	3.2	-.04	3.2	3.1	.02	
		4	Very often	1,000	33			412	32	571	34	483	33	500	33							
		Total		3,029	100			1,283	100	1,696	100	1,446	100	1,515	100							
e. Family members	cseekfam	1	Never	718	24			334	26	372	22	387	27	317	21							
		2	Sometimes	1,274	42			516	40	739	44	597	41	644	43							
		3	Often	687	23	2.2		282	22	395	23	317	22	356	24	2.2	2.2	-.04	2.2	2.3 ***	-.14	
		4	Very often	347	11			152	12	186	11	144	10	196	13							
		Total		3,026	100			1,284	100	1,692	100	1,445	100	1,513	100							
f. Other persons or offices	cseekoth	1	Never	484	16			187	15	289	17	259	18	212	14							
		2	Sometimes	1,722	57			705	55	996	59	859	60	831	55							
		3	Often	616	20	2.2		287	22	314	19	251	17	348	23	2.2	2.1 ***	.15	2.1	2.2 ***	-.20	
		4	Very often	199	7			104	8	90	5	74	5	119	8							
		Total		3,021	100			1,283	100	1,689	100	1,443	100	1,510	100							

20. How prepared are you to do the following in your academic work at this institution?

a. Write clearly and effectively	cSGwrite	1	Not at all prepared	4	0			2	0	2	0	0	0	3	0							
		2		58	2			29	2	28	2	20	1	35	2							
		3		295	10			132	10	157	9	112	8	177	12							
		4		938	31	4.7		435	34	491	29	419	29	493	33	4.6	4.7 **	-.12	4.8	4.6 ***	.19	
		5		1,019	34			406	32	597	35	531	37	470	31							
		6	Very prepared	715	24			281	22	422	25	369	25	332	22							
		Total		3,029	100			1,285	100	1,697	100	1,451	100	1,510	100							

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation ^a		Self-Reported HS Grades				First-Generation			Self-Reported HS Grades				
				Count	%	Mean	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	ES	Mean
b. Speak clearly and effectively	cSGspeak	1	Not at all prepared	21	1		11	1	9	1	5	0	15	1						
		2		80	3		39	3	38	2	32	2	46	3						
		3		375	12		183	14	185	11	192	13	175	12						
		4		915	30	4.6	405	31	497	29	418	29	479	32	4.5	4.6 ***	-.14	4.6	4.6	.04
		5		937	31		367	29	559	33	471	32	444	29						
		6	Very prepared	703	23		282	22	410	24	336	23	350	23						
		Total		3,031	100		1,287	100	1,698	100	1,454	100	1,509	100						
c. Think critically and analytically	cSGthink	1	Not at all prepared	2	0		2	0	0	0	0	0	2	0						
		2		37	1		20	2	16	1	11	1	23	2						
		3		251	8		123	10	126	7	94	6	149	10						
		4		922	30	4.7	408	32	495	29	398	27	506	34	4.6	4.8 ***	-.13	4.8	4.6 ***	.21
		5		1,141	38		470	37	658	39	595	41	521	35						
		6	Very prepared	677	22		263	20	403	24	356	24	307	20						
		Total		3,030	100		1,286	100	1,698	100	1,454	100	1,508	100						
d. Analyze numerical and statistical information	cSGanalyze	1	Not at all prepared	24	1		13	1	10	1	7	0	16	1						
		2		136	4		59	5	74	4	47	3	84	6						
		3		590	19		266	21	314	19	258	18	321	21						
		4		1,042	34	4.3	456	36	572	34	486	34	533	35	4.2	4.3 **	-.11	4.4	4.1 ***	.20
		5		777	26		319	25	444	26	400	28	358	24						
		6	Very prepared	457	15		170	13	283	17	252	17	196	13						
		Total		3,026	100		1,283	100	1,697	100	1,450	100	1,508	100						
e. Work effectively with others	cSGothers	1	Not at all prepared	7	0		5	0	2	0	1	0	5	0						
		2		22	1		11	1	11	1	9	1	12	1						
		3		171	6		89	7	79	5	61	4	109	7						
		4		645	21	5.0	283	22	354	21	292	20	336	22	4.9	5.0 **	-.11	5.0	4.9 ***	.13
		5		1,153	38		483	38	647	38	573	39	552	37						
		6	Very prepared	1,030	34		415	32	603	36	516	36	494	33						
		Total		3,028	100		1,286	100	1,696	100	1,452	100	1,508	100						
f. Use computing and information technology	cgncompt13	1	Not at all prepared	35	1		17	1	17	1	11	1	22	1						
		2		114	4		51	4	62	4	55	4	58	4						
		3		449	15		187	15	257	15	232	16	209	14						
		4		981	32	4.4	428	33	539	32	480	33	479	32	4.4	4.4	-.04	4.4	4.4	-.04
		5		879	29		377	29	488	29	415	29	445	30						
		6	Very prepared	571	19		225	18	335	20	260	18	295	20						
		Total		3,029	100		1,285	100	1,698	100	1,453	100	1,508	100						

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons						
				All Students			First-Generation ^a		Self-Reported HS Grades				First-Generation		Self-Reported HS Grades					
				Count	%	Mean	Count	%	Yes	No	A- or higher	B+ or lower	Count	%	Count	%	Mean	Mean	ES	A- or higher
g. Learn effectively on your own	cgningq	1	Not at all prepared	9	0		6	0	3	0	1	0	7	0						
		2		61	2		25	2	36	2	19	1	40	3						
		3		313	10		149	12	160	9	121	8	185	12						
		4		898	30	4.7	394	31	485	29	391	27	485	32	4.6	4.7 *	-.09	4.8	4.5 ***	.25
		5		1,027	34		421	33	590	35	526	36	483	32						
		6	Very prepared	716	24		287	22	422	25	392	27	306	20						
		Total		3,024	100		1,282	100	1,696	100	1,450	100	1,506	100						
21. How important is it to you that your institution provides the following?																				
a. A challenging academic experience	cacadexp	1	Not important	25	1		9	1	16	1	7	0	18	1						
		2		58	2		19	1	38	2	23	2	35	2						
		3		528	18		237	18	287	17	216	15	302	20						
		4		1,203	40	4.3	519	40	679	40	563	39	609	41	4.3	4.3	-.02	4.4	4.2 ***	.21
		5		813	27		349	27	458	27	430	30	365	24						
		6	Very important	380	13		153	12	223	13	208	14	164	11						
		Total		3,007	100		1,286	100	1,701	100	1,447	100	1,493	100						
b. Support to help students succeed academically	cSEacad	1	Not important	3	0		2	0	1	0	2	0	1	0						
		2		15	0		9	1	6	0	7	0	7	0						
		3		140	5		68	5	72	4	37	3	99	7						
		4		497	17	5.2	206	16	289	17	188	13	303	20	5.2	5.2	-.02	5.3	5.1 ***	.22
		5		868	29		359	28	502	30	468	32	385	26						
		6	Very important	1,479	49		639	50	830	49	743	51	695	47						
		Total		3,002	100		1,283	100	1,700	100	1,445	100	1,490	100						
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	cSEdiv	1	Not important	27	1		10	1	17	1	12	1	15	1						
		2		73	2		19	1	53	3	43	3	29	2						
		3		276	9		114	9	159	9	116	8	157	11						
		4		683	23	4.8	285	22	394	23	334	23	336	23	4.9	4.8 ***	.13	4.8	4.8	.01
		5		876	29		353	27	519	31	445	31	417	28						
		6	Very important	1,068	36		504	39	557	33	497	34	535	36						
		Total		3,003	100		1,285	100	1,699	100	1,447	100	1,489	100						

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

Frequencies and Statistical Comparisons

Illinois State University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions										Statistical Comparisons							
				All Students			First-Generation ^a				Self-Reported HS Grades				First-Generation			Self-Reported HS Grades			
				Count	%	Mean	Yes		No		A- or higher		B+ or lower		Yes	No	ES	A- or higher	B+ or lower	ES	
d. Help managing your non-academic responsibilities (work, family, etc.)	cSEnac	1	Not important	40	1		19	1	21	1	20	1	20	1							
		2		117	4		39	3	76	4	69	5	46	3							
		3		387	13		167	13	217	13	182	13	195	13							
		4		751	25	4.6	309	24	440	26	362	25	377	25	4.7	4.6	.06	4.6	4.6		-.05
		5		854	28		362	28	486	29	427	29	410	28							
		6	Very important	854	28		388	30	460	27	388	27	440	30							
		Total		3,003	100		1,284	100	1,700	100	1,448	100	1,488	100							
e. Opportunities to be involved socially	cSEsoc	1	Not important	14	0		6	0	8	0	7	0	6	0							
		2		39	1		20	2	19	1	18	1	20	1							
		3		213	7		105	8	107	6	87	6	120	8							
		4		650	22	5.0	288	22	358	21	308	21	332	22	4.9	5.0 *	-.08	5.0	4.9 *		.08
		5		970	32		402	31	562	33	473	33	483	33							
		6	Very important	1,110	37		460	36	644	38	550	38	525	35							
		Total		2,996	100		1,281	100	1,698	100	1,443	100	1,486	100							
f. Opportunities to attend campus activities and events	cSEact	1	Not important	10	0		5	0	5	0	4	0	6	0							
		2		54	2		28	2	26	2	25	2	26	2							
		3		188	6		92	7	96	6	77	5	107	7							
		4		660	22	4.9	279	22	377	22	307	21	342	23	4.9	5.0	-.06	5.0	4.9 *		.08
		5		1,013	34		429	33	577	34	503	35	490	33							
		6	Very important	1,077	36		452	35	619	36	530	37	518	35							
		Total		3,002	100		1,285	100	1,700	100	1,446	100	1,489	100							
g. Learning support services (tutoring, writing center, success coaching, etc.)	cSEserv	1	Not important	8	0		4	0	4	0	3	0	5	0							
		2		51	2		21	2	30	2	20	1	31	2							
		3		213	7		88	7	125	7	93	6	117	8							
		4		602	20	5.0	248	19	348	21	281	19	314	21	5.1	5.0	.06	5.1	5.0		.06
		5		837	28		343	27	491	29	436	30	383	26							
		6	Very important	1,289	43		581	45	699	41	613	42	637	43							
		Total		3,000	100		1,285	100	1,697	100	1,446	100	1,487	100							

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

BCSSE 2019
First-Year Student Scale Means
Illinois State University

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

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

Scale Mean Scores and Selected Student Comparisons

BCSSEville State University

First-Year Students ← 1

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

Scale Mean Scores and Selected Student Comparisons

Illinois State University

First-Year Students

BCSSE Scales	Variable ^b	All Students			First-Generation ^a			Self-Reported High School Grades		
					Yes	No	ES	A- or higher	B+ or lower	ES
		Mean	SD	N	Mean	Mean		Mean	Mean	
Quantitative Reasoning <i>High school engagement with analysis and numerical information</i>	HS_QR	31.2	13.5	3062	30.9	31.4	-.03	31.5	30.9	.05
Learning Strategies <i>Use of effective learning strategies in high school</i>	HS_LS	37.2	12.9	3049	37.0	37.4	-.03	38.2	36.2	*** .16
Collaborative Learning <i>Expectation to interact and collaborate with peers</i>	EXP_CL	37.5	11.3	3068	37.6	37.4	.01	37.2	37.5	-.02
Student-Faculty Interaction <i>Expectation to interact and engage with faculty</i>	EXP_SFI	32.2	11.8	3062	33.1	31.6	*** .13	31.8	32.4	-.05
Expected Discussions with Diverse Others <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	45.1	13.2	3052	44.8	45.3	-.04	45.4	44.8	.04
Expected Academic Perseverance <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	41.8	8.8	3045	41.6	42.0	-.04	42.3	41.2	** .12
Expected Academic Difficulty <i>Expected academic difficulty during the coming year</i>	EXP_DIF	29.1	9.7	3034	29.7	28.5	*** .12	28.4	29.8	*** -.16
Perceived Academic Preparation <i>Student perception of their academic preparation</i>	PER_PREP	43.3	8.8	3031	42.6	43.9	*** -.15	44.2	42.5	*** .19
Importance of Campus Environment <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	46.0	9.4	3005	46.2	46.0	.02	46.5	45.5	** .11

BCSSE Scales

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

Scale name	Description	Scale items
<i>Quantitative Reasoning</i> (<i>HS_QR</i>)	High school engagement with analysis and numerical information (First-year students only)	hQRconclud, hQRproblm, hQRrevaluat
<i>Learning Strategies</i> (<i>HS_LS</i>)	Use of effective learning strategies in high school. (First-year students only)	hLSreading, hLSnotes, hLSsummary
<i>Learning Strategies</i> (<i>TR_LS</i>)	Use of effective learning strategies at prior institution (Transfer students only)	tLSreading, tLSnotes, tLSsummary
<i>Collaborative Learning</i> (<i>EXP_CL</i>)	Expectation to interact and collaborate with peers	cCLaskhlp, cCLxplain, cCLstudy, cCLproject
<i>Student-Faculty Interaction</i> (<i>EXP_SFI</i>)	Expectation to interact and engage with faculty	cSFcareer, cSFothrwrk, cSFprform, cSFdiscuss
<i>Discussions with Diverse Others</i> (<i>EXP_DD</i>)	Expectation to engage in discussions with diverse others	cDVrace, cDVeconomc, cDVreligion, cDVpolitical
<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	cSGwrite, cSGspeak, cSGthink, cSGanalyze, cSGothers, cgncompt13, cgningq
<i>Importance of Campus Environment</i> (<i>IMP_CAMP</i>)	Student-rated importance that the institution provides a challenging and supportive environment	cacadexp, cSEacad, cSEdiv, cSEnacad, cSEsoc, cSEact, cSEserv

- a. First generation is defined as no parent or guardian having graduated with a 4-year college degree.
- b. Please refer to BCSSE Scale Descriptions for items included in the scale.
- c. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.