



BCSSE Institutional Report

University of Missouri-St. Louis

Guide to Your Report

Students enter your campus with a variety of backgrounds and experiences that relate to their academic engagement and success. The purpose of BCSSE is to provide your campus with valuable and timely information that will allow you to positively impact the first-year experiences of your students.

The *BCSSE Institutional Report 2016* contains three sections that highlight important characteristics related to your incoming first-year class. The first section of this report describes the background characteristics of your first-year students who responded to the survey. The second section contains the frequency distributions for all questions on the survey. Overall results for your institution are presented, as well as results by self-reported high school grades and first-generation status. The third section contains the overall institutional means for nine BCSSE Scales. These scales provide important information regarding high school engagement with quantitative reasoning and learning strategies, as well as expected first-year academic engagement and academic performance. Similar to the frequency distributions, the mean differences are also reported by high school grades and first-generation status. In total, this report provides your institution with the best estimates of your incoming first-year student academic characteristics.

Student Comparisons

As described above, your *BCSSE Institutional Report 2016* contains results by self-reported high school grades and first-generation status. The results are presented by student subgroup to better understand the diversity of student experiences within each campus. This allows you to effectively target important academic resources to the students who are in the most need. Though this report only examines group differences by high school grades and first-generation status, there are many other important subgroups to consider depending on the unique circumstances of your campus.

BCSSE Reports

Don't forget that this institutional report is one of two reports. BCSSE was designed as a companion to the National Survey of Student Engagement (NSSE). By participating in NSSE in the spring of 2017, you will also receive a *BCSSE 2016-NSSE 2017 Combined Report* that provides a detailed cross-sectional and longitudinal analysis of your first-year students.

Where to Find More Information

To see a sample of the *BCSSE-NSSE Combined Report*, go to: bcsse.indiana.edu. More information about NSSE, including this year's registration deadline, can be found at nsse.indiana.edu.

BCSSE 2016 Mean Scale Scores and Selected Student Comparisons

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

		Respondents ^a	
		Count	%
Number of Surveys Completed		331	100
<i>Mode of Completion</i>			
	Paper	0	0
	Web	331	100
<i>When Student Completed BCSSE</i>			
	Prior to the start of fall term classes	329	100
	During the first week of fall term classes	0	0
	After the first week of fall term classes	1	0
Student Characteristics			
<i>Enrollment Status</i>			
	Full-time	299	97
	Less than full-time	8	3
<i>Gender</i>			
	Man	112	36
	Women	190	61
	Another gender identity	3	1
	Prefer not to respond	4	1
<i>Race/Ethnicity (Select all that apply)</i>			
	American Indian or Alaska Native	1	0
	Asian	18	6
	Black or African American	61	20
	Hispanic or Latino	8	3
	Native Hawaiian or Other Pacific Islander	0	0
	White	182	59
	Other	8	3
	Multiracial	26	8
	I prefer not to respond	4	1
<i>High School Graduation Year</i>			
	2013 or earlier	22	7
	2014	5	2
	2015	15	5
	2016	289	87
<i>First Generation Status^b</i>			
	Yes	186	60
	No	123	40
<i>International or Foreign National Student</i>			
	Yes	11	4
	No	295	96

a. Student reported characteristics for all BCSSE 2016 respondents.

b. First generation is defined as no parent or guardian having graduated with a 4-year college degree.

BCSSE Institutional Report Frequency Distributions

University of Missouri-St. Louis

1	3	5	6									
			Self-Reported High School grades				First Generation*					
			All Students		A- or higher		B+ or lower		Yes		No	
			Count	%	Count	%	Count	%	Count	%	Count	%
15. During the coming school year, about how often do you expect to do each of the following?												
a. Ask another student to help you understand course material												
fyCLaskhip	EXP_CL	Never	0	0	0	0	0	0	0	0	0	0
		Sometimes	32	27	34	40	19	54	32	34	15	60
		Often	49	41	43	51	11	31	49	51	7	28
		Very often	39	32	8	9	5	14	14	15	3	12
Total			120	100	85	100	35	100	95	100	25	100

- Variables** : The items from the BCSSE survey appear in the left column of the report with the same wording as they appear on the instrument.
- Variable Name** : The variable name as it appears in the data file and codebook.
- BCSSE Scale** : Indicates which scale includes this item (if applicable)

HS_QR=Quantitative Reasoning

HS_LS=Learning Strategies

EXP_CL=Collaborative Learning

EXP_SFI=Student-Faculty Interaction

EXP_DD=Expected Discussions with Diverse Others

EXP_PER=Expected Academic Perseverance

EXP_DIF=Expected Academic Difficulty

PER_PREP=Perceived Academic Preparation

IMP_CAMP=Importance of Campus Environment

- Response options** : Presented as they appear on the survey.
- Institutional Level** : Results for each item for the institution overall.
- Selected Student Comparisons** : Results for each item by self-reported high school grades and first-generation status.
- Count** : The actual number of students who answered within each response category.
- Column Percentage (%)** : The percentage of students responding to the particular option in each question.

BCSSE 2016 Frequency Distributions

University of Missouri-St. Louis

	Variable	Scale	Response Options	All Students		Self-Reported High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
						Count	%	Count	%	Count	%	Count	%
	When are you completing this survey? (Select only one.)	complete	Prior to the start of fall term classes	329	100	183	99	145	100	185	99	122	100
			During the first week of fall term classes	0	0	0	0	0	0	0	0	0	0
			After the first week of fall term classes	1	0	1	1	0	0	1	1	0	0
			Total	330	100	184	100	145	100	186	100	122	100
1.	Please write in the year you graduated from high school (for example, 2014):	hgradyr	2013 or earlier	22	7	7	4	14	10	12	6	7	6
			2014	5	2	3	2	2	1	4	2	0	0
			2015	15	5	6	3	9	6	9	5	6	5
			2016	289	87	169	91	120	83	161	87	110	89
			Total	331	100	185	100	145	100	186	100	123	100
2.	From which type of high school did you graduate? (Select only one.)	htype13	Public	271	83	150	81	121	86	163	89	91	74
			Private, religiously-affiliated	40	12	24	13	16	11	13	7	24	20
			Private, not religiously affiliated	4	1	3	2	1	1	0	0	4	3
			Home school	9	3	8	4	1	1	5	3	4	3
			Other (e.g., G.E.D.)	2	1	0	0	2	1	2	1	0	0
			Total	326	100	185	100	141	100	183	100	123	100
3.	What were most of your high school grades? (Select only one.)	hgrades	C- or lower	1	0	0	0	1	1	1	1	0	0
			C	1	0	0	0	1	1	0	0	1	1
			C+	11	3	0	0	11	8	6	3	2	2
			B-	8	2	0	0	8	6	6	3	2	2
			B	57	17	0	0	57	39	26	14	25	20
			B+	67	20	0	0	67	46	46	25	17	14
			A-	58	18	58	31	0	0	30	16	25	20
			A	127	38	127	69	0	0	71	38	51	41
			Grades not used	0	0	0	0	0	0	0	0	0	0
			Total	330	100	185	100	145	100	186	100	123	100
4.	To date, in which of the following math classes have you earned a grade of "C" or better? (Select all that apply.)												
a.	Algebra II	halg13	Selected	300	91	172	93	128	89	168	90	115	93
b.	Pre-calculus/Trigonometry	hprecalc13	Selected	196	60	131	72	65	46	102	55	84	68
c.	Calculus	hcalc13	Selected	72	22	56	31	16	11	40	22	29	24
d.	Probability or Statistics	hstats13	Selected	61	19	37	20	24	17	34	18	25	20

BCSSE 2016 Frequency Distributions

University of Missouri-St. Louis

					Self-Reported High School grades							
					All Students				First Generation ^a			
					A- or higher		B+ or lower		Yes		No	
Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%
5. Did you take the SAT or ACT?	hsatact	No	8	2	1	1	7	5	3	2	3	2
		Yes	322	98	184	99	138	95	183	98	120	98
		Total	330	100	185	100	145	100	186	100	123	100
Recode of SAT Composite Score variable sat_act into categories	sat_actr	900 or lower	10	3	5	3	5	4	9	5	1	1
		901-1000	73	23	33	18	40	30	55	30	11	9
		1001-1100	58	18	24	13	34	25	37	20	19	16
		1101-1200	79	25	42	23	37	28	41	23	34	29
		1201-1300	68	22	51	28	17	13	30	16	36	31
		1301-1400	19	6	19	11	0	0	8	4	11	9
		1401-1600	7	2	6	3	1	1	2	1	4	3
		Total	314	100	180	100	134	100	182	100	116	100
6. During high school, how many of the following types of classes did you complete?												
a. Advanced Placement (AP) classes	hapc113	0	98	31	52	30	46	32	57	31	31	27
		1-2	110	35	49	28	61	43	65	36	41	35
		3-4	62	20	39	22	23	16	33	18	28	24
		5-6	28	9	20	11	8	6	14	8	10	9
		7-8	10	3	9	5	1	1	6	3	4	3
		9-10	7	2	4	2	3	2	5	3	2	2
		11 or more	1	0	1	1	0	0	1	1	0	0
		Total	316	100	174	100	142	100	181	100	116	100
b. College or university courses for credit	hhonor13	0	110	35	41	24	69	50	60	34	38	32
		1-2	92	30	49	29	43	31	51	29	38	32
		3-4	48	15	30	18	18	13	31	18	15	13
		5-6	32	10	29	17	3	2	17	10	15	13
		7-8	12	4	11	6	1	1	6	3	5	4
		9-10	2	1	1	1	1	1	1	1	1	1
		11 or more	14	5	10	6	4	3	8	5	6	5
		Total	310	100	171	100	139	100	174	100	118	100

				Self-Reported								
				High School grades				First Generation ^a				
		All Students		A- or higher		B+ or lower		Yes		No		
Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%
7. During your <i>last year</i> of high school, about how many papers, reports, or other writing tasks of the following length did you complete?												
a. Up to 5 pages	hWRshrt	None	20	6	3	2	17	12	16	9	4	3
		1-2	53	16	28	16	25	17	30	16	18	15
		3-5	105	33	56	31	49	34	56	31	44	36
		6-10	80	25	47	26	33	23	43	24	33	27
		11-15	34	11	22	12	12	8	21	12	11	9
		16-20	10	3	7	4	3	2	6	3	3	2
		More than 20 papers, etc.	20	6	16	9	4	3	10	5	9	7
		Total	322	100	179	100	143	100	182	100	122	100
b. Between 6 and 10 pages	hWRmd	None	91	30	40	24	51	37	49	28	32	28
		1-2	130	42	80	47	50	36	73	42	52	46
		3-5	61	20	31	18	30	22	38	22	23	20
		6-10	16	5	11	7	5	4	10	6	5	4
		11-15	3	1	2	1	1	1	1	1	0	0
		16-20	2	1	2	1	0	0	1	1	1	1
		More than 20 papers, etc.	4	1	3	2	1	1	3	2	1	1
		Total	307	100	169	100	138	100	175	100	114	100
c. 11 pages or more	hWRlng	None	202	69	102	64	100	75	112	68	77	70
		1-2	71	24	42	26	29	22	42	26	26	24
		3-5	11	4	9	6	2	2	7	4	4	4
		6-10	5	2	4	3	1	1	1	1	2	2
		11-15	1	0	1	1	0	0	1	1	0	0
		16-20	1	0	1	1	0	0	0	0	1	1
		More than 20 papers, etc.	1	0	0	0	1	1	1	1	0	0
		Total	292	100	159	100	133	100	164	100	110	100

					Self-Reported							
					High School grades				First Generation ^a			
			All Students		A- or higher		B+ or lower		Yes		No	
Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%
8. During your <i>last year</i> of high school, about how many hours did you spend in a typical 7-day week doing each of the following?												
a. Preparing for class (studying, reading, doing homework, etc.)	hacadpr13	0 hours per week	9	3	4	2	5	3	4	2	2	2
		1-5 hours per week	115	35	55	30	60	42	70	38	38	31
		6-10 hours per week	104	32	59	32	45	31	56	30	44	36
		11-15 hours per week	52	16	30	16	22	15	30	16	20	16
		16-20 hours per week	29	9	22	12	7	5	15	8	13	11
		21-25 hours per week	8	2	5	3	3	2	6	3	1	1
		26-30 hours per week	4	1	4	2	0	0	2	1	2	2
		More than 30 hours per week	5	2	3	2	2	1	2	1	3	2
Total		326	100	182	100	144	100	185	100	123	100	
b. Working for pay	hwork	0 hours per week	85	26	43	24	42	29	44	24	36	30
		1-5 hours per week	20	6	7	4	13	9	9	5	9	7
		6-10 hours per week	33	10	21	12	12	8	19	10	13	11
		11-15 hours per week	40	12	21	12	19	13	20	11	19	16
		16-20 hours per week	57	18	39	22	18	13	30	16	23	19
		21-25 hours per week	39	12	20	11	19	13	27	15	10	8
		26-30 hours per week	23	7	14	8	9	6	12	7	8	7
		More than 30 hours per week	25	8	14	8	11	8	21	12	4	3
Total		322	100	179	100	143	100	182	100	122	100	
c. Participating in co-curricular activities (organizations, school publications, student government, sports, etc.)	hcocurr	0 hours per week	51	16	22	12	29	20	36	19	11	9
		1-5 hours per week	73	22	40	22	33	23	42	23	27	22
		6-10 hours per week	79	24	46	25	33	23	42	23	36	30
		11-15 hours per week	46	14	25	14	21	15	20	11	20	16
		16-20 hours per week	38	12	28	15	10	7	21	11	14	11
		21-25 hours per week	16	5	9	5	7	5	10	5	6	5
		26-30 hours per week	5	2	2	1	3	2	4	2	1	1
		More than 30 hours per week	18	6	10	5	8	6	11	6	7	6
Total		326	100	182	100	144	100	186	100	122	100	

				Self-Reported									
				High School grades				First Generation ^a					
				All Students		A- or higher		B+ or lower		Yes		No	
	Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	hsocial13		0 hours per week	5	2	2	1	3	2	3	2	1	1
			1-5 hours per week	72	22	41	22	31	22	37	20	31	25
			6-10 hours per week	107	33	70	38	37	26	58	31	47	38
			11-15 hours per week	63	19	36	20	27	19	39	21	20	16
			16-20 hours per week	39	12	19	10	20	14	25	13	12	10
			21-25 hours per week	13	4	5	3	8	6	8	4	4	3
			26-30 hours per week	5	2	2	1	3	2	3	2	1	1
			More than 30 hours per week	23	7	8	4	15	10	13	7	7	6
			Total	327	100	183	100	144	100	186	100	123	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		Very little	80	25	41	22	39	28	45	24	29	24
			Some	118	36	70	38	48	34	62	34	51	41
			About half	81	25	47	26	34	24	49	27	29	24
			Most	39	12	22	12	17	12	26	14	10	8
			Almost all	6	2	3	2	3	2	2	1	4	3
			Total	324	100	183	100	141	100	184	100	123	100
10. During your <i>last year</i> of high school, about how often did you do the following?													
a. Came to class without completing readings or assignments	hunprepard		Never	132	41	88	48	44	31	70	38	57	46
			Sometimes	159	49	80	44	79	56	94	51	54	44
			Often	15	5	4	2	11	8	8	4	6	5
			Very often	18	6	10	5	8	6	12	7	6	5
			Total	324	100	182	100	142	100	184	100	123	100
b. Prepared two or more drafts of a paper or assignment before turning it in	hdrafting		Never	30	9	15	8	15	11	19	10	10	8
			Sometimes	140	44	69	39	71	50	81	44	51	42
			Often	103	32	56	31	47	33	54	30	44	36
			Very often	48	15	39	22	9	6	29	16	17	14
			Total	321	100	179	100	142	100	183	100	122	100
c. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	hQRconclud	HS_QR	Never	20	6	13	7	7	5	12	7	8	7
			Sometimes	104	32	57	31	47	33	57	31	40	33
			Often	130	40	65	36	65	46	73	40	51	41
			Very often	69	21	46	25	23	16	42	23	24	20
			Total	323	100	181	100	142	100	184	100	123	100

BCSSE 2016 Frequency Distributions

University of Missouri-St. Louis

	Variable	Scale	Response Options	All Students		Self-Reported High School grades				First Generation ^a			
						A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%	Count	%
d. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	hQRproblm	HS_QR	Never	51	16	23	13	28	20	27	15	22	18
			Sometimes	120	37	67	37	53	37	69	37	44	36
			Often	99	31	58	32	41	29	57	31	37	30
			Very often	53	16	33	18	20	14	32	17	19	16
			Total	323	100	181	100	142	100	185	100	122	100
e. Evaluated what others have concluded from numerical information	hQRrevaluat	HS_QR	Never	47	15	21	12	26	18	27	15	18	15
			Sometimes	136	42	75	41	61	43	82	45	46	37
			Often	98	30	55	30	43	30	54	29	40	33
			Very often	42	13	30	17	12	8	21	11	19	15
			Total	323	100	181	100	142	100	184	100	123	100
f. Identified key information from reading assignments	hLSreading	HS_LS	Never	7	2	3	2	4	3	5	3	2	2
			Sometimes	63	19	27	15	36	25	40	22	20	16
			Often	153	47	82	45	71	50	78	42	65	53
			Very often	102	31	70	38	32	22	63	34	36	29
			Total	325	100	182	100	143	100	186	100	123	100
g. Reviewed your notes after class	hLSnotes	HS_LS	Never	13	4	7	4	6	4	9	5	4	3
			Sometimes	103	32	48	27	55	39	54	29	39	32
			Often	130	40	74	41	56	39	78	42	47	38
			Very often	77	24	52	29	25	18	43	23	33	27
			Total	323	100	181	100	142	100	184	100	123	100
h. Summarized what you learned in class or from course materials	hLSsummry	HS_LS	Never	12	4	6	3	6	4	7	4	5	4
			Sometimes	105	33	49	27	56	40	64	35	33	28
			Often	130	41	73	41	57	41	71	39	54	45
			Very often	71	22	51	28	20	14	42	23	27	23
			Total	318	100	179	100	139	100	184	100	119	100
i. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	hRIDivers		Never	34	11	16	9	18	13	22	12	10	8
			Sometimes	109	34	60	33	49	35	56	30	48	39
			Often	104	32	54	30	50	36	60	32	39	32
			Very often	75	23	52	29	23	16	47	25	26	21
			Total	322	100	182	100	140	100	185	100	123	100

BCSSE 2016 Frequency Distributions

University of Missouri-St. Louis

	Variable	Scale	Response Options	All Students		Self-Reported High School grades				First Generation ^a			
						A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%	Count	%
j. Examined the strengths and weaknesses of your own views on a topic or issue	hRIownview		Never	14	4	4	2	10	7	9	5	4	3
			Sometimes	106	33	56	31	50	35	56	30	45	37
			Often	113	35	65	36	48	34	67	36	41	33
			Very often	90	28	56	31	34	24	54	29	33	27
			Total	323	100	181	100	142	100	186	100	123	100
k. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	hRIperspect		Never	7	2	4	2	3	2	5	3	2	2
			Sometimes	88	27	45	25	43	30	53	29	34	28
			Often	126	39	69	38	57	40	69	37	49	40
			Very often	100	31	62	34	38	27	58	31	38	31
			Total	321	100	180	100	141	100	185	100	123	100
11. During your high school years, 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		Not at all	110	34	63	35	47	33	73	39	33	27
			Very little	50	16	28	16	22	16	28	15	22	18
			Some	38	12	16	9	22	16	17	9	18	15
			Quite a bit	34	11	17	9	17	12	19	10	14	11
			Very much	89	28	56	31	33	23	49	26	35	29
			Total	321	100	180	100	141	100	186	100	122	100
b. Athletic teams (varsity, JV, club sport, etc.)	hinvathl		Not at all	114	35	66	36	48	34	66	35	43	35
			Very little	25	8	14	8	11	8	15	8	8	7
			Some	53	16	35	19	18	13	30	16	22	18
			Quite a bit	42	13	14	8	28	20	23	12	17	14
			Very much	89	28	52	29	37	26	52	28	33	27
			Total	323	100	181	100	142	100	186	100	123	100
c. Student government	hstugov		Not at all	206	64	108	60	98	70	117	63	82	67
			Very little	52	16	27	15	25	18	32	17	20	16
			Some	32	10	22	12	10	7	19	10	9	7
			Quite a bit	9	3	7	4	2	1	6	3	3	2
			Very much	22	7	16	9	6	4	12	6	9	7
			Total	321	100	180	100	141	100	186	100	123	100

BCSSE 2016 Frequency Distributions

University of Missouri-St. Louis

	Variable	Scale	Response Options	All Students		Self-Reported High School grades				First Generation ^a			
						A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%	Count	%
d. Publications (student newspaper, yearbook, etc.)	hinvpubs		Not at all	227	71	132	74	95	67	125	68	92	76
			Very little	40	13	20	11	20	14	29	16	9	7
			Some	25	8	12	7	13	9	14	8	10	8
			Quite a bit	11	3	5	3	6	4	6	3	5	4
			Very much	16	5	9	5	7	5	11	6	5	4
			Total	319	100	178	100	141	100	185	100	121	100
e. Academic clubs or honor societies	hinvhon13		Not at all	105	33	28	15	77	55	60	33	38	31
			Very little	48	15	25	14	23	17	26	14	22	18
			Some	54	17	39	22	15	11	26	14	26	21
			Quite a bit	42	13	32	18	10	7	25	14	16	13
			Very much	71	22	57	31	14	10	47	26	21	17
			Total	320	100	181	100	139	100	184	100	123	100
f. Vocational clubs (business, health, technology, etc.)	hinvvcl		Not at all	193	60	105	58	88	63	103	56	80	65
			Very little	48	15	29	16	19	14	31	17	16	13
			Some	43	13	21	12	22	16	25	14	16	13
			Quite a bit	20	6	13	7	7	5	13	7	7	6
			Very much	17	5	13	7	4	3	13	7	4	3
			Total	321	100	181	100	140	100	185	100	123	100
g. Religious youth groups	hrelgrp		Not at all	234	74	127	71	107	78	140	76	85	70
			Very little	25	8	14	8	11	8	15	8	9	7
			Some	27	8	18	10	9	7	16	9	11	9
			Quite a bit	16	5	11	6	5	4	6	3	9	7
			Very much	16	5	10	6	6	4	8	4	7	6
			Total	318	100	180	100	138	100	185	100	121	100
h. Community service or volunteer work	hvolntr		Not at all	59	18	23	13	36	26	35	19	20	16
			Very little	46	14	20	11	26	19	29	16	16	13
			Some	89	28	52	29	37	27	49	27	36	29
			Quite a bit	73	23	43	24	30	22	40	22	30	24
			Very much	53	17	43	24	10	7	31	17	21	17
			Total	320	100	181	100	139	100	184	100	123	100

				Self-Reported									
				High School grades				First Generation ^a					
				All Students		A- or higher		B+ or lower		Yes		No	
	Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%
12. During your <i>last year</i> of high school, to what extent did your courses challenge you to do your best work?	hchallenge		1 Not at all	2	1	0	0	2	1	1	1	1	1
			2	8	2	4	2	4	3	4	2	4	3
			3	14	4	7	4	7	5	9	5	4	3
			4	60	19	22	12	38	27	35	19	22	18
			5	120	37	66	36	54	39	67	36	50	41
			6	62	19	42	23	20	14	39	21	21	17
			7 Very much	55	17	40	22	15	11	30	16	21	17
			Total	321	100	181	100	140	100	185	100	123	100
13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing each of the following?													
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	fyacadpr13		0 hours per week	0	0	0	0	0	0	0	0	0	0
			1-5 hours per week	17	5	9	5	8	6	10	5	7	6
			6-10 hours per week	48	15	27	15	21	16	22	12	26	21
			11-15 hours per week	85	27	43	24	42	31	56	30	27	22
			16-20 hours per week	71	23	42	24	29	21	44	24	25	21
			21-25 hours per week	51	16	30	17	21	16	32	17	18	15
			26-30 hours per week	19	6	12	7	7	5	12	6	7	6
			More than 30 hours per week	20	6	13	7	7	5	9	5	11	9
			Total	311	100	176	100	135	100	185	100	121	100
b. Working for pay on- or off-campus	fywork		0 hours per week	34	11	21	12	13	10	18	10	16	13
			1-5 hours per week	22	7	11	6	11	8	9	5	13	11
			6-10 hours per week	47	15	28	16	19	14	27	15	20	17
			11-15 hours per week	58	19	31	18	27	20	33	18	22	18
			16-20 hours per week	61	20	37	21	24	18	38	20	22	18
			21-25 hours per week	48	15	25	14	23	17	31	17	17	14
			26-30 hours per week	19	6	12	7	7	5	14	8	5	4
			More than 30 hours per week	23	7	11	6	12	9	16	9	6	5
			Total	312	100	176	100	136	100	186	100	121	100

				Self-Reported									
				High School grades				First Generation ^a					
				All Students		A- or higher		B+ or lower		Yes		No	
	Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%
c. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	fycocurr		0 hours per week	40	13	21	12	19	14	25	13	14	11
			1-5 hours per week	86	28	53	30	33	24	51	27	33	27
			6-10 hours per week	80	26	42	24	38	28	40	22	39	32
			11-15 hours per week	66	21	38	21	28	21	45	24	21	17
			16-20 hours per week	19	6	12	7	7	5	11	6	8	7
			21-25 hours per week	14	4	6	3	8	6	10	5	4	3
			26-30 hours per week	2	1	2	1	0	0	1	1	1	1
			More than 30 hours per week	5	2	3	2	2	1	3	2	2	2
		Total		312	100	177	100	135	100	186	100	122	100
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	fysocial13		0 hours per week	5	2	2	1	3	2	3	2	2	2
			1-5 hours per week	83	27	45	25	38	28	47	25	35	29
			6-10 hours per week	97	31	60	34	37	27	63	34	33	27
			11-15 hours per week	77	25	46	26	31	23	41	22	35	29
			16-20 hours per week	24	8	12	7	12	9	14	8	9	7
			21-25 hours per week	13	4	6	3	7	5	11	6	2	2
			26-30 hours per week	6	2	3	2	3	2	3	2	3	2
			More than 30 hours per week	7	2	3	2	4	3	4	2	3	2
		Total		312	100	177	100	135	100	186	100	122	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 many hours will be on assigned reading?													
	fyTMread		0 hours per week	1	0	1	1	0	0	1	1	0	0
			1-5 hours per week	68	22	37	21	31	23	36	19	30	25
			6-10 hours per week	109	35	67	38	42	32	63	34	46	38
			11-15 hours per week	76	25	42	24	34	26	47	25	29	24
			16-20 hours per week	36	12	21	12	15	11	23	12	12	10
			21-25 hours per week	14	5	6	3	8	6	11	6	3	2
			26-30 hours per week	4	1	1	1	3	2	3	2	1	1
			More than 30 hours per week	2	1	2	1	0	0	2	1	0	0
		Total		310	100	177	100	133	100	186	100	121	100

				Self-Reported									
				High School grades				First Generation ^a					
				All Students		A- or higher		B+ or lower		Yes		No	
Variable	Scale	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%
15. During the coming school year, about how often do you expect to do each of the following?													
a. Ask another student to help you understand course material	fyCLaskhlp	EXP_CL	Never	3	1	3	2	0	0	1	1	2	2
			Sometimes	125	40	66	37	59	44	68	37	56	46
			Often	133	43	78	44	55	41	77	42	55	45
			Very often	49	16	30	17	19	14	39	21	9	7
			Total	310	100	177	100	133	100	185	100	122	100
b. Explain course material to one or more students	fyCLxplain	EXP_CL	Never	4	1	2	1	2	1	2	1	2	2
			Sometimes	130	42	69	39	61	46	78	42	51	42
			Often	139	45	82	46	57	43	79	42	59	48
			Very often	38	12	24	14	14	10	27	15	10	8
			Total	311	100	177	100	134	100	186	100	122	100
c. Prepare for exams by discussing or working through course material with other students	fyCLstudy	EXP_CL	Never	3	1	1	1	2	1	1	1	2	2
			Sometimes	74	24	38	21	36	27	48	26	25	20
			Often	145	47	78	44	67	50	77	41	67	55
			Very often	89	29	60	34	29	22	60	32	28	23
			Total	311	100	177	100	134	100	186	100	122	100
d. Work with other students on course projects or assignments	fyCLproject	EXP_CL	Never	3	1	2	1	1	1	1	1	2	2
			Sometimes	84	27	41	23	43	32	48	26	36	30
			Often	152	49	82	47	70	52	87	47	63	52
			Very often	70	23	50	29	20	15	49	26	20	17
			Total	309	100	175	100	134	100	185	100	121	100
e. Talk about career plans with a faculty member	fySFcareer	EXP_SFI	Never	4	1	1	1	3	2	3	2	1	1
			Sometimes	103	33	54	31	49	37	52	28	50	41
			Often	120	39	68	38	52	39	68	37	50	41
			Very often	84	27	54	31	30	22	63	34	21	17
			Total	311	100	177	100	134	100	186	100	122	100
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	fySFothrwrk	EXP_SFI	Never	20	6	9	5	11	8	16	9	4	3
			Sometimes	160	52	90	51	70	52	93	50	65	53
			Often	80	26	43	24	37	28	36	19	43	35
			Very often	50	16	34	19	16	12	40	22	10	8
			Total	310	100	176	100	134	100	185	100	122	100

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				Self-Reported											
				High School grades								First Generation ^a			
				All Students		A- or higher		B+ or lower		Yes		No			
	Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%		
g. Discuss your academic performance with a faculty member	fySFprform	EXP_SFI	Never	3	1	1	1	2	1	3	2	0	0		
			Sometimes	113	36	63	36	50	37	62	33	51	42		
			Often	127	41	71	40	56	42	67	36	57	47		
			Very often	68	22	42	24	26	19	54	29	14	11		
			Total	311	100	177	100	134	100	186	100	122	100		
h. Discuss course topics, ideas, or concepts with a faculty member outside of class	fySFdiscuss	EXP_SFI	Never	10	3	5	3	5	4	5	3	5	4		
			Sometimes	136	44	74	42	62	47	76	42	59	48		
			Often	109	35	61	35	48	36	65	36	42	34		
			Very often	53	17	35	20	18	14	37	20	16	13		
			Total	308	100	175	100	133	100	183	100	122	100		
i. Prepare two or more drafts of a paper or assignment before turning it in	fydrafting		Never	7	2	4	2	3	2	3	2	4	3		
			Sometimes	89	29	46	26	43	32	56	30	32	26		
			Often	128	41	76	43	52	39	66	35	61	50		
			Very often	86	28	51	29	35	26	61	33	24	20		
			Total	310	100	177	100	133	100	186	100	121	100		
j. Come to class without completing readings or assignments	fyunprepard		Never	231	75	143	81	88	66	142	77	87	71		
			Sometimes	55	18	25	14	30	22	29	16	26	21		
			Often	15	5	4	2	11	8	7	4	7	6		
			Very often	9	3	4	2	5	4	7	4	2	2		
			Total	310	100	176	100	134	100	185	100	122	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	fyDVrace	EXP_DD	Never	3	1	1	1	2	1	3	2	0	0		
			Sometimes	47	15	21	12	26	19	33	18	14	11		
			Often	134	43	68	38	66	49	70	38	63	52		
			Very often	127	41	87	49	40	30	80	43	45	37		
			Total	311	100	177	100	134	100	186	100	122	100		
b. People from an economic background other than your own	fyDVeconomic	EXP_DD	Never	3	1	1	1	2	1	3	2	0	0		
			Sometimes	44	14	20	11	24	18	32	17	12	10		
			Often	147	47	76	43	71	53	76	41	70	57		
			Very often	117	38	80	45	37	28	75	40	40	33		
			Total	311	100	177	100	134	100	186	100	122	100		

						Self-Reported									
						High School grades				First Generation ^a					
						All Students		A- or higher		B+ or lower		Yes		No	
	Variable	Scale	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%	
c. People with religious beliefs other than your own	fyDVreligion	EXP_DD	Never		5	2	1	1	4	3	4	2	1	1	
			Sometimes		53	17	25	14	28	21	37	20	16	13	
			Often		124	40	62	35	62	46	63	34	60	49	
			Very often		129	41	89	50	40	30	82	44	45	37	
			Total		311	100	177	100	134	100	186	100	122	100	
d. People with political views other than your own	fyDVpolitical	EXP_DD	Never		6	2	3	2	3	2	3	2	3	2	
			Sometimes		59	19	31	18	28	21	43	23	16	13	
			Often		129	41	62	35	67	50	67	36	61	50	
			Very often		117	38	81	46	36	27	73	39	42	34	
			Total		311	100	177	100	134	100	186	100	122	100	
17. During the coming school year, how certain are you that you will do the following?															
a. Study when there are other interesting things to do	coterint	EXP_PER	1 Not at all certain		1	0	1	1	0	0	1	1	0	0	
			2		11	4	7	4	4	3	3	2	8	7	
			3		54	17	25	14	29	22	32	17	22	18	
			4		96	31	45	25	51	38	62	33	34	28	
			5		86	28	55	31	31	23	48	26	35	29	
			6 Very certain		63	20	44	25	19	14	40	22	23	19	
			Total		311	100	177	100	134	100	186	100	122	100	
b. Find additional information for course assignments when you don't understand the material	cfindinfo	EXP_PER	1 Not at all certain		1	0	0	0	1	1	0	0	1	1	
			2		5	2	2	1	3	2	1	1	4	3	
			3		21	7	12	7	9	7	15	8	6	5	
			4		76	25	30	17	46	35	47	26	29	24	
			5		94	31	56	32	38	29	55	30	38	31	
			6 Very certain		111	36	76	43	35	27	66	36	44	36	
			Total		308	100	176	100	132	100	184	100	122	100	
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	EXP_PER	1 Not at all certain		0	0	0	0	0	0	0	0	0	0	
			2		12	4	5	3	7	5	9	5	3	2	
			3		51	17	22	13	29	22	26	14	25	20	
			4		88	29	43	24	45	34	52	28	34	28	
			5		81	26	50	28	31	23	53	29	28	23	
			6 Very certain		76	25	56	32	20	15	44	24	32	26	
			Total		308	100	176	100	132	100	184	100	122	100	

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				Self-Reported									
				High School grades				First Generation ^a					
				All Students		A- or higher		B+ or lower		Yes		No	
	Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%
d. Ask instructors for help when you struggle with course assignments	caskinst	EXP_PER	1 Not at all certain	0	0	0	0	0	0	0	0	0	0
			2	4	1	2	1	2	2	0	0	4	3
			3	32	10	14	8	18	14	21	11	11	9
			4	54	18	28	16	26	20	32	17	22	18
			5	66	21	36	20	30	23	37	20	28	23
			6 Very certain	152	49	97	55	55	42	95	51	56	46
			Total	308	100	177	100	131	100	185	100	121	100
e. Finish something you have started when you encounter challenges	cfinish	EXP_PER	1 Not at all certain	0	0	0	0	0	0	0	0	0	0
			2	1	0	0	0	1	1	0	0	1	1
			3	14	5	6	3	8	6	11	6	3	2
			4	57	19	27	15	30	23	35	19	22	18
			5	107	35	53	30	54	41	64	35	42	34
			6 Very certain	129	42	91	51	38	29	74	40	54	44
			Total	308	100	177	100	131	100	184	100	122	100
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	EXP_PER	1 Not at all certain	1	0	0	0	1	1	0	0	1	1
			2	11	4	4	2	7	5	5	3	6	5
			3	31	10	20	11	11	8	23	12	8	7
			4	88	28	44	25	44	33	53	28	35	29
			5	77	25	42	24	35	26	39	21	36	30
			6 Very certain	102	33	67	38	35	26	66	35	36	30
			Total	310	100	177	100	133	100	186	100	122	100
18. During the coming school year, how difficult do you expect the following to be?													
a. Learning course material	clearnma	EXP_DIF	1 Not at all difficult	7	2	6	3	1	1	4	2	3	2
			2	27	9	14	8	13	10	12	7	15	12
			3	60	20	31	18	29	22	35	19	25	21
			4	122	40	73	41	49	37	74	40	46	38
			5	67	22	38	22	29	22	44	24	23	19
			6 Very difficult	24	8	14	8	10	8	15	8	9	7
			Total	307	100	176	100	131	100	184	100	121	100

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	Variable	Scale	Response Options	All Students		Self-Reported High School grades				First Generation ^a			
						A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%	Count	%
b. Managing your time	cmantime	EXP_DIF	1 Not at all difficult	7	2	2	1	5	4	6	3	1	1
			2	27	9	17	10	10	8	15	8	12	10
			3	59	19	35	20	24	18	32	17	26	22
			4	92	30	53	30	39	30	53	29	39	33
			5	71	23	34	19	37	28	44	24	27	23
			6 Very difficult	49	16	34	19	15	12	33	18	15	13
			Total	305	100	175	100	130	100	183	100	120	100
c. Paying college expenses	cpaycoll		1 Not at all difficult	43	14	29	16	14	11	20	11	23	19
			2	43	14	29	16	14	11	20	11	23	19
			3	47	15	28	16	19	15	27	15	20	17
			4	58	19	32	18	26	20	32	17	24	20
			5	55	18	25	14	30	23	40	22	15	12
			6 Very difficult	60	20	33	19	27	21	44	24	16	13
			Total	306	100	176	100	130	100	183	100	121	100
d. Getting help with school work	cgethelp	EXP_DIF	1 Not at all difficult	42	14	34	19	8	6	24	13	18	15
			2	69	23	36	20	33	25	44	24	24	20
			3	96	31	55	31	41	32	56	31	39	32
			4	74	24	40	23	34	26	42	23	32	26
			5	15	5	9	5	6	5	11	6	4	3
			6 Very difficult	10	3	2	1	8	6	6	3	4	3
			Total	306	100	176	100	130	100	183	100	121	100
e. Making new friends	cmakefr		1 Not at all difficult	57	19	33	19	24	18	37	20	19	16
			2	66	22	37	21	29	22	38	21	27	23
			3	68	22	38	22	30	23	38	21	30	25
			4	60	20	35	20	25	19	38	21	22	18
			5	34	11	18	10	16	12	19	10	15	13
			6 Very difficult	20	7	13	7	7	5	13	7	7	6
			Total	305	100	174	100	131	100	183	100	120	100

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				Self-Reported									
				High School grades				First Generation ^a					
				All Students		A- or higher		B+ or lower		Yes		No	
	Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%
f. Interacting with faculty	cintfac	EXP_DIF	1 Not at all difficult	57	19	32	18	25	19	35	19	21	18
			2	77	25	45	26	32	25	47	26	30	25
			3	90	30	52	30	38	29	52	28	37	31
			4	56	18	35	20	21	16	34	19	22	18
			5	19	6	9	5	10	8	12	7	7	6
			6 Very difficult	6	2	2	1	4	3	3	2	3	3
			Total	305	100	175	100	130	100	183	100	120	100
19. During the coming school year, about how many papers, reports, or other writing tasks of the following do you expect to complete?													
a. Up to 5 pages	fyWRshrt		None	1	0	1	1	0	0	1	1	0	0
			1-2	16	5	10	6	6	5	10	6	6	5
			3-5	82	27	41	24	41	31	44	24	37	31
			6-10	104	34	61	35	43	33	60	33	43	36
			11-15	48	16	28	16	20	15	36	20	12	10
			16-20	25	8	13	8	12	9	13	7	12	10
			More than 20 papers, etc.	28	9	19	11	9	7	17	9	11	9
			Total	304	100	173	100	131	100	181	100	121	100
b. Between 6 and 10 pages	fyWRmd		None	7	2	4	2	3	2	5	3	1	1
			1-2	35	11	17	10	18	14	17	9	18	15
			3-5	103	34	55	31	48	37	60	33	42	35
			6-10	96	31	60	34	36	28	56	31	40	33
			11-15	40	13	22	13	18	14	29	16	11	9
			16-20	14	5	10	6	4	3	9	5	5	4
			More than 20 papers, etc.	11	4	8	5	3	2	7	4	4	3
			Total	306	100	176	100	130	100	183	100	121	100
c. 11 pages or more	fyWRlng		None	24	8	13	7	11	9	14	8	9	8
			1-2	120	40	64	37	56	44	72	40	48	40
			3-5	78	26	47	27	31	24	42	23	35	29
			6-10	44	15	28	16	16	13	28	16	16	13
			11-15	23	8	13	7	10	8	14	8	9	8
			16-20	7	2	5	3	2	2	5	3	2	2
			More than 20 papers, etc.	6	2	4	2	2	2	5	3	1	1
			Total	302	100	174	100	128	100	180	100	120	100

				Self-Reported									
				High School grades				First Generation ^a					
				All Students		A- or higher		B+ or lower		Yes		No	
Variable	Scale	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%
20. How prepared are you to do the following in your academic work at this institution?													
a. Write clearly and effectively	fySGwrite	PER_PREP	1 Not at all prepared	0	0	0	0	0	0	0	0	0	0
			2	6	2	2	1	4	3	2	1	4	3
			3	23	7	7	4	16	12	14	8	9	7
			4	68	22	37	21	31	24	42	23	26	21
			5	106	34	65	37	41	32	61	33	43	35
			6 Very prepared	105	34	67	38	38	29	65	35	40	33
			Total	308	100	178	100	130	100	184	100	122	100
b. Speak clearly and effectively	fySGspeak	PER_PREP	1 Not at all prepared	2	1	0	0	2	2	1	1	1	1
			2	9	3	4	2	5	4	6	3	3	2
			3	33	11	12	7	21	16	22	12	11	9
			4	70	23	42	24	28	21	39	21	31	25
			5	99	32	59	33	40	31	58	31	39	32
			6 Very prepared	96	31	61	34	35	27	59	32	37	30
			Total	309	100	178	100	131	100	185	100	122	100
c. Think critically and analytically	fySGthink	PER_PREP	1 Not at all prepared	1	0	0	0	1	1	1	1	0	0
			2	6	2	2	1	4	3	3	2	3	2
			3	21	7	9	5	12	9	13	7	8	7
			4	68	22	35	20	33	25	43	23	25	20
			5	117	38	65	37	52	40	70	38	45	37
			6 Very prepared	95	31	67	38	28	22	54	29	41	34
			Total	308	100	178	100	130	100	184	100	122	100
d. Analyze numerical and statistical information	fySGanalyze	PER_PREP	1 Not at all prepared	4	1	1	1	3	2	2	1	2	2
			2	9	3	4	2	5	4	8	4	1	1
			3	46	15	21	12	25	19	30	16	16	13
			4	85	28	46	26	39	30	48	26	37	30
			5	96	31	61	34	35	27	58	32	36	30
			6 Very prepared	67	22	45	25	22	17	37	20	30	25
			Total	307	100	178	100	129	100	183	100	122	100

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	Variable	Scale	Response Options	All Students		Self-Reported High School grades				First Generation ^a			
						A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%	Count	%
e. Work effectively with others	fySGothers	PER_PREP	1 Not at all prepared	0	0	0	0	0	0	0	0	0	0
			2	4	1	1	1	3	2	3	2	1	1
			3	20	6	7	4	13	10	12	6	8	7
			4	76	25	36	20	40	31	48	26	28	23
			5	104	34	64	36	40	31	60	32	42	34
			6 Very prepared	105	34	70	39	35	27	62	34	43	35
			Total	309	100	178	100	131	100	185	100	122	100
f. Use computing and information technology	cgncompt13	PER_PREP	1 Not at all prepared	2	1	0	0	2	2	2	1	0	0
			2	6	2	4	2	2	2	6	3	0	0
			3	29	9	15	8	14	11	22	12	7	6
			4	78	25	43	24	35	27	41	22	37	30
			5	88	29	51	29	37	28	50	27	36	30
			6 Very prepared	105	34	65	37	40	31	63	34	42	34
			Total	308	100	178	100	130	100	184	100	122	100
g. Learn effectively on your own	cgningq	PER_PREP	1 Not at all prepared	0	0	0	0	0	0	0	0	0	0
			2	3	1	1	1	2	2	3	2	0	0
			3	29	9	12	7	17	13	20	11	9	7
			4	82	27	32	18	50	38	49	26	33	27
			5	94	30	63	35	31	24	54	29	38	31
			6 Very prepared	101	33	70	39	31	24	59	32	42	34
			Total	309	100	178	100	131	100	185	100	122	100
21a. How many courses are you taking for credit this fall term?	fycourse		0	0	0	0	0	0	0	0	0	0	0
			1	0	0	0	0	0	0	0	0	0	0
			2	3	1	2	1	1	1	1	1	2	2
			3	2	1	2	1	0	0	0	0	2	2
			4	49	16	30	17	19	15	24	13	25	21
			5	81	26	49	28	32	25	51	28	30	25
			6	27	9	17	10	10	8	16	9	11	9
			7 or more	21	7	16	9	5	4	10	5	11	9
			Uncertain	124	40	61	34	63	48	82	45	40	33
			Total	307	100	177	100	130	100	184	100	121	100

					Self-Reported									
					High School grades				First Generation ^a					
					All Students		A- or higher		B+ or lower		Yes		No	
	Variable	Scale	Response Options		Count	%	Count	%	Count	%	Count	%	Count	%
b.	Of these courses, how many are entirely online?	fyonline	0		178	58	118	67	60	46	98	53	80	67
			1		15	5	7	4	8	6	8	4	7	6
			2		2	1	1	1	1	1	2	1	0	0
			3		3	1	1	1	2	2	3	2	0	0
			4		4	1	2	1	2	2	3	2	1	1
			5		2	1	1	1	1	1	1	1	1	1
			6		0	0	0	0	0	0	0	0	0	0
			7 or more		0	0	0	0	0	0	0	0	0	0
			Uncertain		102	33	46	26	56	43	69	38	31	26
	Total			306	100	176	100	130	100	184	100	120	100	
22. How important is it to you that your institution provide each of the following?														
a.	A challenging academic experience	fyacadexp	IMP_CAMP	1 Not important	3	1	1	1	2	2	3	2	0	0
				2	4	1	3	2	1	1	1	1	3	2
				3	36	12	13	7	23	17	23	12	13	11
				4	101	33	53	30	48	36	62	33	39	32
				5	86	28	51	29	35	26	52	28	33	27
				6 Very important	80	26	56	32	24	18	45	24	35	28
				Total	310	100	177	100	133	100	186	100	123	100
b.	Support to help students succeed academically	fySEacad	IMP_CAMP	1 Not important	1	0	0	0	1	1	1	1	0	0
				2	1	0	0	0	1	1	1	1	0	0
				3	7	2	1	1	6	5	5	3	2	2
				4	34	11	13	7	21	16	18	10	16	13
				5	83	27	42	24	41	31	48	26	34	28
				6 Very important	181	59	119	68	62	47	111	60	70	57
				Total	307	100	175	100	132	100	184	100	122	100
c.	Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	fySEdiv	IMP_CAMP	1 Not important	7	2	4	2	3	2	6	3	1	1
				2	6	2	4	2	2	2	4	2	2	2
				3	30	10	16	9	14	11	20	11	10	8
				4	73	24	35	20	38	29	38	21	34	29
				5	68	22	38	22	30	23	40	22	28	24
				6 Very important	120	39	78	45	42	33	76	41	44	37
				Total	304	100	175	100	129	100	184	100	119	100

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	Variable	Scale	Response Options	All Students		Self-Reported High School grades				First Generation ^a			
						A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%	Count	%
d. Help managing your non-academic responsibilities (work, family, etc.)	fySEacad	IMP_CAMP	1 Not important	8	3	5	3	3	2	6	3	2	2
			2	14	5	8	5	6	5	6	3	8	7
			3	45	15	22	13	23	17	27	15	18	15
			4	78	25	35	20	43	32	42	23	35	28
			5	62	20	37	21	25	19	33	18	29	24
			6 Very important	102	33	69	39	33	25	71	38	31	25
			Total	309	100	176	100	133	100	185	100	123	100
e. Opportunities to be involved socially	fySEsoc	IMP_CAMP	1 Not important	2	1	1	1	1	1	1	1	1	1
			2	14	5	9	5	5	4	9	5	5	4
			3	36	12	18	10	18	14	23	12	12	10
			4	70	23	33	19	37	28	45	24	25	20
			5	86	28	46	26	40	30	43	23	43	35
			6 Very important	102	33	70	40	32	24	65	35	37	30
			Total	310	100	177	100	133	100	186	100	123	100
f. Opportunities to attend campus activities and events	fySEact	IMP_CAMP	1 Not important	7	2	3	2	4	3	4	2	3	2
			2	20	6	11	6	9	7	14	8	5	4
			3	35	11	22	13	13	10	21	11	14	11
			4	66	21	32	18	34	26	47	26	19	15
			5	81	26	44	25	37	28	35	19	46	37
			6 Very important	99	32	64	36	35	27	63	34	36	29
			Total	308	100	176	100	132	100	184	100	123	100
g. Learning support services (tutoring services, writing center, etc.)	fySEserv	IMP_CAMP	1 Not important	1	0	1	1	0	0	1	1	0	0
			2	6	2	4	2	2	2	5	3	1	1
			3	25	8	15	8	10	8	12	7	13	11
			4	67	22	35	20	32	25	38	21	29	24
			5	82	27	41	23	41	32	44	24	37	30
			6 Very important	126	41	81	46	45	35	84	46	42	34
			Total	307	100	177	100	130	100	184	100	122	100

					Self-Reported							
					High School grades				First Generation ^a			
			All Students		A- or higher		B+ or lower		Yes		No	
Variable	Scale	Response Options	Count	%	Count	%	Count	%	Count	%	Count	%
23. Which of the following sources are you using to pay your education expenses (tuition, fees, books, room & board, etc.)?												
a. Support from parents or relatives	fyparents	Using	177	58	101	57	76	58	96	52	81	66
		Not using	92	30	57	32	35	27	65	35	27	22
		Not sure	37	12	18	10	19	15	23	13	14	11
		Total	306	100	176	100	130	100	184	100	122	100
b. Loans	fyloans	Using	120	40	60	35	60	46	76	42	44	36
		Not using	109	36	72	42	37	28	54	30	55	45
		Not sure	74	24	41	24	33	25	52	29	22	18
		Total	303	100	173	100	130	100	182	100	121	100
c. Grants or scholarships	fygrants	Using	248	81	157	89	91	69	148	80	100	81
		Not using	32	10	13	7	19	15	17	9	15	12
		Not sure	27	9	6	3	21	16	19	10	8	7
		Total	307	100	176	100	131	100	184	100	123	100
d. Job or personal savings	fyjob	Using	209	69	121	70	88	67	133	73	76	63
		Not using	43	14	25	15	18	14	19	10	24	20
		Not sure	51	17	26	15	25	19	30	16	21	17
		Total	303	100	172	100	131	100	182	100	121	100
e. Other	fyother	Using	36	13	20	13	16	13	21	13	15	13
		Not using	98	36	60	38	38	32	46	28	52	46
		Not sure	142	51	77	49	65	55	95	59	47	41
		Total	276	100	157	100	119	100	162	100	114	100
24. What do you expect most of your grades will be during the coming year? (Select only one.)	fygrades	C- or lower	0	0	0	0	0	0	0	0	0	0
		C	1	0	0	0	1	1	1	1	0	0
		C+	3	1	0	0	3	2	0	0	3	2
		B-	12	4	2	1	10	8	11	6	1	1
		B	35	11	13	7	22	17	22	12	13	11
		B+	79	26	34	19	45	34	49	26	30	24
		A-	89	29	63	36	26	20	59	32	30	24
		A	90	29	65	37	25	19	44	24	46	37
		Grades not used	0	0	0	0	0	0	0	0	0	0
		Total	309	100	177	100	132	100	186	100	123	100

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	Variable	Scale	Response Options	All Students		Self-Reported High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
						Count	%	Count	%	Count	%	Count	%
25. Do you expect to graduate from this institution?	fyintgrad		No	4	1	1	1	3	2	1	1	3	2
			Yes	270	87	159	90	111	84	162	87	108	88
			Uncertain	35	11	17	10	18	14	23	12	12	10
			Total	309	100	177	100	132	100	186	100	123	100
26. Do you know what your major will be?	fymajor		No	47	15	25	14	22	17	30	16	17	14
			Yes, specify:	262	85	152	86	110	83	156	84	106	86
			Total	309	100	177	100	132	100	186	100	123	100
Recoded variable <i>fymajcode</i> into one of 12 major categories listed at right	fymajrcol		Arts & Humanities	11	4	5	3	6	6	5	3	6	6
			Biological Sciences, Agriculture, & Natural Resources	28	11	18	12	10	9	12	8	16	15
			Physical Sciences, Mathematics, & Computer Science	24	9	15	10	9	8	15	10	9	9
			Social Sciences	23	9	10	7	13	12	13	9	10	10
			Business	45	18	18	12	27	25	26	17	19	18
			Communications, Media & Public Relations	2	1	2	1	0	0	1	1	1	1
			Education	20	8	12	8	8	7	11	7	9	9
			Engineering	23	9	18	12	5	5	12	8	11	11
			Health Professions	59	23	36	24	23	21	43	28	16	15
			Social Service Professions	17	7	12	8	5	5	12	8	5	5
			All Other	3	1	1	1	2	2	2	1	1	1
			Undecided/undeclared	1	0	1	1	0	0	0	0	1	1
			Total	256	100	148	100	108	100	152	100	104	100
27. Are you (or will you be) a full-time student this fall term?	fyfulltime		No	8	3	4	2	4	3	5	3	3	2
			Yes	299	97	172	98	127	97	180	97	119	98
			Total	307	100	176	100	131	100	185	100	122	100
28. How many of your close friends will attend this college during the coming year?	fyfriends		None	180	58	109	62	71	54	103	55	77	63
			1	75	24	41	23	34	26	48	26	27	22
			2	26	8	13	7	13	10	20	11	6	5
			3	13	4	5	3	8	6	9	5	4	3
			4 or more	14	5	8	5	6	5	6	3	8	7
			Total	308	100	176	100	132	100	186	100	122	100

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	Variable	Scale	Response Options	All Students		Self-Reported High School grades				First Generation ^a			
						A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%	Count	%
29. This institution was your:	fychoice		First choice	205	67	115	65	90	68	130	70	75	61
			Second choice	74	24	46	26	28	21	43	23	31	25
			Third choice	20	6	9	5	11	8	10	5	10	8
			Fourth choice	5	2	4	2	1	1	1	1	4	3
			Fifth choice or lower	4	1	2	1	2	2	2	1	2	2
			Total	308	100	176	100	132	100	186	100	122	100
30. What is your gender identity?	fygender		Man	112	36	50	28	62	47	61	33	51	41
			Women	190	61	122	69	68	52	123	66	67	54
			Another gender identity	3	1	1	1	2	2	1	1	2	2
			Prefer not to respond	4	1	4	2	0	0	1	1	3	2
			Total	309	100	177	100	132	100	186	100	123	100
31. Are you an international student or foreign national?	fyinternat		No	295	96	169	96	126	97	178	97	117	96
			Yes	11	4	7	4	4	3	6	3	5	4
			Total	306	100	176	100	130	100	184	100	122	100
32. What is your racial or ethnic identification?													
(recoded as mutually exclusive with adduition of multiracial variable)	FYrace		American Indian or Alaska Native	1	0	1	1	0	0	0	0	1	1
			Asian	18	6	11	6	7	5	13	7	5	4
			Black or African American	61	20	30	17	31	23	43	23	18	15
			Hispanic or Latino	8	3	4	2	4	3	6	3	2	2
			Native Hawaiian or Other Pacific Islander	0	0	0	0	0	0	0	0	0	0
			White	182	59	113	64	69	52	104	56	78	64
			Multiracial	26	8	12	7	14	11	15	8	11	9
			Other	8	3	2	1	6	5	4	2	4	3
			I prefer not to respond	4	1	3	2	1	1	1	1	3	2

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	Variable	Scale	Response Options	All Students		Self-Reported High School grades				First Generation ^a			
						A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%	Count	%
33.	What is the highest level of education completed by either of your parents (or those who raised you)?	fypardegr	Did not finish high school	21	7	9	5	12	9	21	11	0	0
			High school diploma or G.E.D.	95	31	49	28	46	35	95	51	0	0
			Attended college but did not complete degree	33	11	21	12	12	9	33	18	0	0
			Associate's degree (A.A., A.S., etc.)	37	12	22	12	15	11	37	20	0	0
			Bachelor's degree (B.A., B.S., etc.)	75	24	46	26	29	22	0	0	75	61
			Master's degree (M.A., M.S., etc.)	38	12	25	14	13	10	0	0	38	31
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	10	3	5	3	5	4	0	0	10	8
			Total	309	100	177	100	132	100	186	100	123	100
34.	In driving time, about how far is this institution from the home where you lived during your last year of high school?	fydistanc	Less than 1 hour	237	77	139	79	98	75	143	77	94	78
			At least 1, less than 2 hours	34	11	19	11	15	11	24	13	10	8
			At least 2, less than 4 hours	23	8	10	6	13	10	13	7	10	8
			At least 4, less than 6 hours	6	2	5	3	1	1	5	3	1	1
			At least 6, less than 8 hours	1	0	0	0	1	1	0	0	1	1
			8 hours or more	5	2	2	1	3	2	1	1	4	3
			Total	306	100	175	100	131	100	186	100	120	100
35	Which of the following best describes where you will be (or are) living during the coming school year?	fyliving	Dormitory or other campus housing	110	36	63	36	47	36	64	34	46	38
			Residence (house, apartment, etc.) within walking distance to campus	30	10	18	10	12	9	21	11	9	7
			Residence (house, apartment, etc.) farther than walking distance to campus	140	45	82	47	58	44	83	45	57	47
			None of the above	28	9	13	7	15	11	18	10	10	8
			Total	308	100	176	100	132	100	186	100	122	100

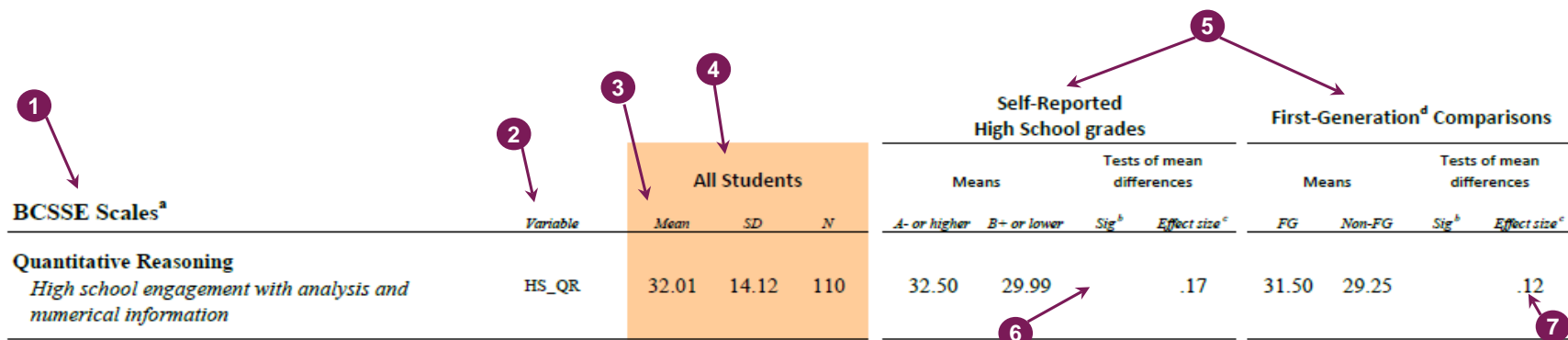
^a First generation is defined as no parent or guardian having graduated with a 4-year college degree.



BCSSE Institutional Report
Mean Scale Scores and Selected Student Comparisons
University of Missouri-St. Louis

BCSSE 2016 Mean Scale Scores and Selected Student Comparisons

Interpreting Mean Results



BCSSE Scales ^a	Variable	All Students			Self-Reported High School grades				First-Generation ^d Comparisons			
		Mean	SD	N	Means		Tests of mean differences		Means		Tests of mean differences	
					A- or higher	B+ or lower	Sig. ^b	Effect size ^c	FG	Non-FG	Sig. ^b	Effect size ^c
Quantitative Reasoning <i>High school engagement with analysis and numerical information</i>	HS_QR	32.01	14.12	110	32.50	29.99	.17		31.50	29.25		.12

- Scale** : The BCSSE Scale appears in the left column of the report.
- Variable Name** : The variable name as it appears in the data file and codebook.
- Mean** : The unweighted scale mean is reported overall for the institution, as well as by high school grades and first-generation status.
- Institutional Level** : Results for each item for the institution overall.
- Selected Student Comparisons** : Results for each item by self-reported high school grades and first-generation status.
- Statistical Significance** : Items with mean differences that are larger than would be expected by chance alone are noted with one, two, or three asterisks, referring to three significance levels ($p < .05$, $p < .01$, and $p < .001$). The smaller the significance level, the smaller the likelihood that the 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. It is recommended to consult effect sizes to judge the practical meaning of the results.
- Effect size** : Indicates the "practical significance" of the mean difference. It is calculated by dividing the mean difference by the pooled standard deviation. In practice, an effect size of .2 is often considered small, .5 moderate, and .8 large.

BCSSE 2016 Mean Scale Scores and Selected Student Comparisons University of Missouri-St. Louis

BCSSE Scales ^a		All Students			Self-Reported High School grades				First-Generation ^d Comparisons			
					Means		Tests of mean differences		Means		Tests of mean differences	
					A- or higher	B+ or lower	Sig ^b	Effect size ^c	FG	Non-FG	Sig ^b	Effect size ^c
Quantitative Reasoning	HS_QR	31.10	15.42	292	32.30	29.46		.18	31.28	30.86		.03
High school engagement with analysis and numerical information												
Learning Strategies	HS_LS	38.52	12.62	292	40.52	35.81	**	.38	38.13	39.14		-.08
Use of effective learning strategies in high school												
Collaborative Learning	EXP_CL	36.95	11.96	292	38.10	35.40		.23	38.31	35.00	*	.28
Expectation to interact and collaborate with peers												
Student-Faculty Interaction	EXP_SFI	34.66	13.40	292	35.66	33.29		.18	36.46	32.03	**	.34
Expectation to interaction and engage with faculty												
Expected Discussions with Diverse Others	EXP_DD	44.30	13.63	292	46.52	41.29	**	.39	44.43	44.14		.02
Expectation to engage in discussions with diverse others												
Expected Academic Perseverance	EXP_PER	45.64	9.94	292	47.27	43.43	**	.39	45.88	45.28		.06
Student certainty that they will persist in the face of academic adversity												
Expected Academic Difficulty	EXP_DIF	29.10	10.80	292	28.89	29.40		-.05	29.50	28.53		.09
Expected academic difficulty during the first year of college												

BCSSE 2016 Mean Scale Scores and Selected Student Comparisons University of Missouri-St. Louis

BCSSE Scales ^a		All Students			Self-Reported High School grades				First-Generation ^d Comparisons				
					Means		Tests of mean differences		Means		Tests of mean differences		
					<i>A- or higher</i>	<i>B+ or lower</i>	<i>Sig^b</i>	<i>Effect size^c</i>	<i>FG</i>	<i>Non-FG</i>	<i>Sig^b</i>	<i>Effect size^c</i>	
<i>Variable</i>	<i>Mean</i>	<i>SD</i>	<i>N</i>										
Perceived Academic Preparation													
<i>Student perception of their academic preparation</i>	PER_PREP	45.78	9.42	292	47.46	43.49	***	.42	45.28	46.51			-.13
Importance of Campus Environment													
<i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	45.82	10.15	292	47.17	43.98	**	.32	46.13	45.43			.07

^a Scale scores are expressed in 0 (minimum) to 60 (maximum) point scales. See the following page for complete scale descriptions and component items.

^b T-test results (2-tailed): * p<.05, ** p<.01, *** p<.001. The smaller the significance level, the less likely that the difference is due to chance.

^c Effect size is the mean difference divided by pooled standard deviation. It indicates the practical significance of the mean difference (effect size .2 is often considered small, .5 is moderate, and .8 is large).

^d First generation is defined as no parent or guardian having graduated with a 4-year college degree.