



BCSSE Institutional Report

Auburn University

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 2017* 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 2017* 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 2018, you will also receive a *BCSSE 2017-NSSE 2018 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.

		Respondents^a	
		<i>Count</i>	<i>%</i>
Number of Surveys Completed		4685	100
<i>Mode of Completion</i>			
	Paper	4685	100
	Web	0	0
Student Characteristics			
<i>Enrollment Status</i>			
	Full-time	3676	99
	Less than full-time	28	1
<i>Gender</i>			
	Man	1630	44
	Women	2070	56
	Another gender identity	9	0
	Prefer not to respond	9	0
<i>Race/Ethnicity (Select all that apply)</i>			
	American Indian or Alaska Native	14	0
	Asian	82	2
	Black or African American	157	4
	Hispanic or Latino	50	1
	Native Hawaiian or Other Pacific Islander	2	0
	White	3156	85
	Other	11	0
	Multiracial	199	5
	I prefer not to respond	28	1
<i>High School Graduation Year</i>			
	2014 or earlier	4	0
	2015	5	0
	2016	39	1
	2017	4632	99
<i>First Generation Status^b</i>			
	Yes	1120	31
	No	2532	69
<i>International or Foreign National Student</i>			
	Yes	41	1
	No	3620	99

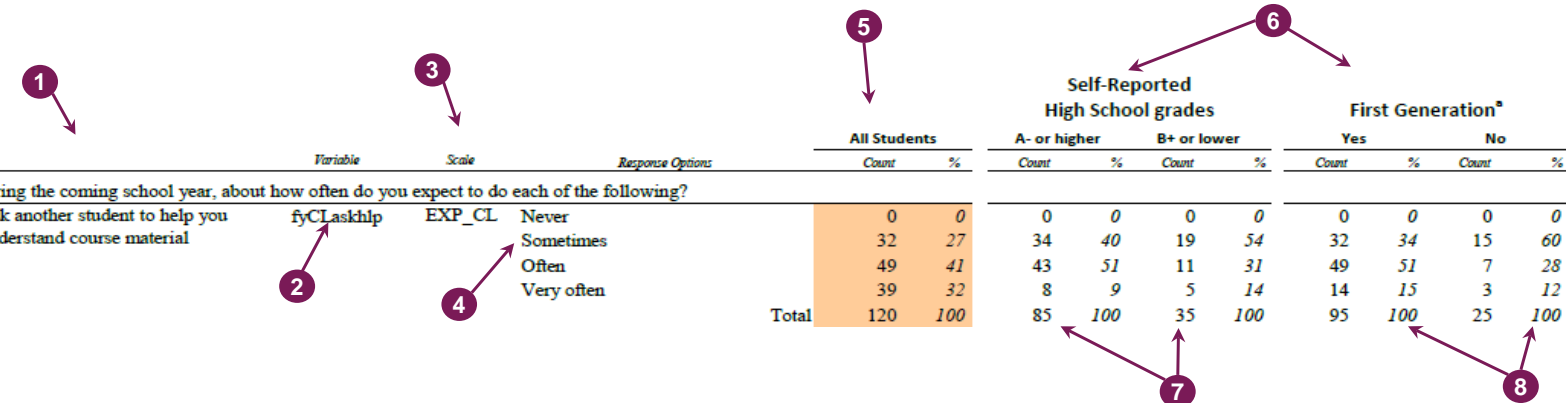
a. Student reported characteristics for all BCSSE 2017 respondents.

b. First-Generation Status (neither parent or anyone who raised you holds a bachelor's degree).



BCSSE Institutional Report Frequency Distributions

Auburn University



	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	%	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 Sometimes Often Very often	0	0	0	0	0	0	0	0	0	0
				32	27	34	40	19	54	32	34	15	60
				49	41	43	51	11	31	49	51	7	28
				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.

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
1.	Please write in the year you graduated from high school (for example, 2014):	hgradyr	2014 or earlier 2015 2016 2017	4 5 39 4,632	0 0 1 99	4 4 26 3,477	0 0 1 99	0 1 11 1088	0 0 1 99	3 3 7 1107	0 0 1 99	0 1 27 2500	0 0 1 99
			Total	4,680	100	3,511	100	1100	100	1120	100	2528	100
2.	From which type of high school did you graduate? (Select only one.)	htype13	Public Private, religiously-affiliated Private, not religiously affiliated Home school Other (e.g., G.E.D.)	3,284 943 362 81 5	70 20 8 2 0	2,497 720 215 73 3	71 21 6 2 0	743 214 138 5 0	68 19 13 0 0	822 194 85 15 3	73 17 8 1 0	1779 508 185 54 1	70 20 7 2 0
			Total	4,675	100	3,508	100	1100	100	1119	100	2527	100
3.	What were most of your high school grades? (Select only one.)	hgrades17	C- or lower C C+ B- B B+ A- A A+ Grades not used	0 6 22 50 374 649 760 1,917 837 1	0 0 0 1 8 14 16 42 18 0	0 0 0 0 0 0 1,917 837 0	0 0 0 0 0 0 55 24 0	0 6 22 50 374 649 0 0 0	0 1 2 5 34 59 0 0 0	0 1 4 7 111 164 171 447 200 0	0 0 0 1 10 15 40 18 0	0 3 10 25 157 327 406 1068 507 1	0 0 0 1 6 13 16 43 20 0
			Total	4,616	100	3,514	100	1101	100	1105	100	2504	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	4,390	94	3,311	94	1013	92	1048	94	2370	94
b.	Pre-calculus/Trigonometry	hprecalc13	Selected	4,057	87	3,191	91	813	74	934	83	2223	88
c.	Calculus	hcalc13	Selected	2,242	48	1,932	55	292	27	459	41	1345	53
d.	Probability or Statistics	hstats13	Selected	1,117	24	833	24	275	25	246	22	637	25

	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	%	Count	%
5.	If you completed the SAT and/or ACT, enter your scores below (as best you remember):												
	Recode of SAT and ACT Composite	sat_act17	900 or lower	6	0	3	0	3	0	3	0	1	0
	Score variable sat_act into categories		901-1000	42	1	21	1	18	2	16	2	14	1
			1001-1100	161	4	89	3	68	7	48	5	66	3
			1101-1200	903	20	578	17	305	30	256	24	418	17
	<i>Note - SAT scores from prior to March 2016 were recoded to the new SAT score range.</i>		1201-1300	1,227	27	873	26	336	33	325	31	639	26
			1301-1400	1,191	27	966	28	218	21	274	26	679	28
			1401-1600	936	21	867	26	66	7	142	13	628	26
			Total	4,466	100	3,397	100	1014	100	1064	100	2445	100
6.	During high school, how many of the following types of classes did you complete?												
a.	Advanced Placement (AP) classes	hapc113	0	657	15	406	12	238	23	181	17	309	13
			1-2	1,140	26	774	23	342	33	281	27	605	25
			3-4	1,071	24	833	25	226	22	250	24	592	24
			5-6	831	19	681	20	144	14	191	18	471	19
			7-8	432	10	381	11	45	4	86	8	249	10
			9-10	194	4	165	5	28	3	48	5	118	5
			11 or more	120	3	104	3	16	2	23	2	77	3
			Total	4,445	100	3,344	100	1039	100	1060	100	2421	100
b.	College or university courses for credit	hdc17	0	2,009	57	1,394	52	587	73	460	55	1120	57
			1-2	901	25	756	28	130	16	225	27	494	25
			3-4	339	10	292	11	46	6	72	9	189	10
			5-6	140	4	119	4	19	2	46	5	65	3
			7-8	79	2	69	3	10	1	17	2	46	2
			9-10	28	1	27	1	1	0	4	0	18	1
			11 or more	55	2	42	2	11	1	18	2	27	1
			Total	3,551	100	2,699	100	804	100	842	100	1959	100
c.	International Baccalaureate (IB)	hib17	0	2,893	95	2,150	96	706	94	691	96	1604	95
			1-2	35	1	27	1	8	1	8	1	22	1
			3-4	11	0	8	0	3	0	0	0	4	0
			5-6	29	1	21	1	7	1	8	1	18	1
			7-8	39	1	27	1	12	2	8	1	21	1
			9-10	12	0	7	0	5	1	3	0	8	0
			11 or more	17	1	9	0	8	1	2	0	11	1
			Total	3,036	100	2,249	100	749	100	720	100	1688	100

Variable	Scale	Response Options	Self-Reported									
			All Students		High School grades				First Generation ^a			
			Count	%	A- or higher		B+ or lower		Yes		No	
				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	196	4	150	4	40	4	55	5	107	4
		1-2	1,085	24	800	23	270	25	266	24	562	23
		3-5	1,373	30	1,015	29	341	32	331	30	738	30
		6-10	969	21	753	22	204	19	231	21	512	21
		11-15	425	9	328	10	89	8	98	9	241	10
		16-20	212	5	156	5	55	5	45	4	128	5
		More than 20 papers, etc.	331	7	249	7	78	7	72	7	194	8
		Total	4,591	100	3,451	100	1077	100	1098	100	2482	100
b. Between 6 and 10 pages	hWRmd	None	1,616	38	1,262	39	337	34	403	40	876	37
		1-2	1,902	45	1,411	44	463	46	431	43	1035	44
		3-5	590	14	429	13	157	16	143	14	328	14
		6-10	114	3	78	2	34	3	29	3	68	3
		11-15	35	1	25	1	8	1	6	1	23	1
		16-20	9	0	6	0	2	0	1	0	5	0
		More than 20 papers, etc.	6	0	2	0	4	0	1	0	4	0
		Total	4,272	100	3,213	100	1005	100	1014	100	2339	100
c. 11 pages or more	hWRlng	None	3,090	75	2,341	76	712	73	754	77	1648	74
		1-2	867	21	638	21	218	22	196	20	504	23
		3-5	107	3	75	2	30	3	27	3	66	3
		6-10	14	0	9	0	5	1	2	0	7	0
		11-15	5	0	4	0	0	0	0	0	2	0
		16-20	5	0	3	0	2	0	1	0	3	0
		More than 20 papers, etc.	6	0	3	0	3	0	3	0	3	0
		Total	4,094	100	3,073	100	970	100	983	100	2233	100

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	%
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	102	2	72	2	27	2	25	2	54	2
		1-5 hours per week	1,825	39	1,344	38	458	42	449	40	980	39
		6-10 hours per week	1,437	31	1,094	31	330	30	348	31	767	30
		11-15 hours per week	712	15	539	15	158	14	159	14	401	16
		16-20 hours per week	336	7	262	7	68	6	81	7	180	7
		21-25 hours per week	141	3	104	3	35	3	34	3	72	3
		26-30 hours per week	64	1	52	1	10	1	10	1	38	2
		More than 30	35	1	29	1	6	1	6	1	23	1
		Total	4,652	100	3,496	100	1092	100	1112	100	2515	100
b. Working for pay	hwork	0 hours per week	1,922	41	1,466	42	428	39	430	39	1051	42
		1-5 hours per week	660	14	514	15	134	12	124	11	388	15
		6-10 hours per week	560	12	424	12	127	12	112	10	319	13
		11-15 hours per week	579	12	442	13	131	12	158	14	319	13
		16-20 hours per week	455	10	333	10	117	11	140	13	227	9
		21-25 hours per week	264	6	170	5	89	8	80	7	119	5
		26-30 hours per week	117	3	77	2	40	4	44	4	48	2
		More than 30	88	2	64	2	22	2	22	2	46	2
		Total	4,645	100	3,490	100	1088	100	1110	100	2517	100
c. Participating in co-curricular activities (organizations, school publications, student government, sports, etc.)	hcocurr	0 hours per week	238	5	152	4	83	8	64	6	99	4
		1-5 hours per week	905	19	679	19	214	20	231	21	483	19
		6-10 hours per week	1,008	22	770	22	223	20	257	23	551	22
		11-15 hours per week	1,136	24	871	25	256	24	267	24	628	25
		16-20 hours per week	673	14	497	14	161	15	146	13	377	15
		21-25 hours per week	315	7	237	7	72	7	67	6	172	7
		26-30 hours per week	129	3	98	3	28	3	32	3	62	2
		More than 30	245	5	190	5	51	5	51	5	144	6
		Total	4,649	100	3,494	100	1088	100	1115	100	2516	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				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	11	0	7	0	4	0	4	0	5	0
			1-5 hours per week	739	16	575	16	154	14	189	17	374	15
			6-10 hours per week	1,409	30	1,097	31	295	27	347	31	761	30
			11-15 hours per week	1,129	24	838	24	272	25	253	23	639	25
			16-20 hours per week	673	14	497	14	165	15	169	15	349	14
			21-25 hours per week	283	6	197	6	82	8	60	5	163	6
			26-30 hours per week	111	2	82	2	29	3	22	2	66	3
			More than 30	289	6	198	6	87	8	69	6	157	6
	Total		4,644	100	3,491	100	1088	100	1113	100	2514	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	1,373	29	1,040	30	319	29	336	30	750	30
			Some	2,233	48	1,681	48	522	48	526	47	1202	48
			About half	761	16	573	16	170	16	197	18	400	16
			Most	249	5	178	5	68	6	47	4	146	6
			Almost all	41	1	29	1	11	1	10	1	23	1
			Total	4,657	100	3,501	100	1090	100	1116	100	2521	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	1,897	41	1,602	46	265	24	451	41	1056	42
			Sometimes	2,392	52	1,660	48	701	65	576	52	1258	50
			Often	230	5	142	4	86	8	55	5	127	5
			Very often	103	2	70	2	30	3	25	2	52	2
			Total	4,622	100	3,474	100	1082	100	1107	100	2493	100
b. Prepared two or more drafts of a paper or assignment before turning it in	hdrafting		Never	794	17	599	17	190	18	175	16	443	18
			Sometimes	2,017	44	1,479	43	509	47	462	42	1067	43
			Often	1,338	29	1,017	29	299	28	363	33	693	28
			Very often	469	10	374	11	85	8	106	10	288	12
			Total	4,618	100	3,469	100	1083	100	1106	100	2491	100
c. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	hQRconclud	HS_QR	Never	206	4	150	4	53	5	57	5	102	4
		Sometimes	1,269	27	928	27	318	29	306	28	652	26	
		Often	2,021	44	1,500	43	495	46	498	45	1079	43	
		Very often	1,121	24	892	26	215	20	244	22	656	26	
		Total	4,617	100	3,470	100	1081	100	1105	100	2489	100	

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				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	578	13	430	12	142	13	135	12	300	12
			Sometimes	1,705	37	1,295	37	383	35	387	35	892	36
			Often	1,543	33	1,140	33	380	35	389	35	838	34
			Very often	784	17	598	17	176	16	196	18	453	18
			Total	4,610	100	3,463	100	1081	100	1107	100	2483	100
e. Evaluated what others have concluded from numerical information	hQRrevaluat	HS_QR	Never	515	11	371	11	133	12	139	13	259	10
			Sometimes	1,891	41	1,437	42	428	40	444	40	981	39
			Often	1,580	34	1,169	34	391	36	373	34	868	35
			Very often	612	13	479	14	125	12	142	13	376	15
			Total	4,598	100	3,456	100	1077	100	1098	100	2484	100
f. Identified key information from reading assignments	hLSreading	HS_LS	Never	58	1	36	1	21	2	13	1	37	1
			Sometimes	804	17	566	16	223	21	215	20	395	16
			Often	1,936	42	1,458	42	451	42	443	40	1019	41
			Very often	1,799	39	1,393	40	384	36	428	39	1031	42
			Total	4,597	100	3,453	100	1079	100	1099	100	2482	100
g. Reviewed your notes after class	hLSnotes	HS_LS	Never	227	5	162	5	64	6	50	5	127	5
			Sometimes	1,421	31	1,000	29	403	37	333	30	735	30
			Often	1,505	33	1,143	33	339	32	353	32	818	33
			Very often	1,446	31	1,153	33	269	25	368	33	802	32
			Total	4,599	100	3,458	100	1075	100	1104	100	2482	100
h. Summarized what you learned in class or from course materials	hLSsummry	HS_LS	Never	201	4	143	4	58	5	52	5	100	4
			Sometimes	1,530	33	1,108	32	403	38	338	31	805	32
			Often	1,698	37	1,295	38	375	35	402	36	936	38
			Very often	1,160	25	907	26	236	22	311	28	639	26
			Total	4,589	100	3,453	100	1072	100	1103	100	2480	100
i. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	hRIdivers		Never	379	8	266	8	109	10	104	9	186	7
			Sometimes	1,786	39	1,381	40	377	35	415	38	950	38
			Often	1,406	31	1,046	30	340	32	322	29	773	31
			Very often	1,032	22	766	22	252	23	264	24	577	23
			Total	4,603	100	3,459	100	1078	100	1105	100	2486	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
j. Examined the strengths and weaknesses of your own views on a topic or issue	hRIownview		Never	235	5	171	5	61	6	49	4	123	5
			Sometimes	1,552	34	1,175	34	355	33	344	31	830	33
			Often	1,777	39	1,337	39	419	39	447	41	945	38
			Very often	1,032	22	773	22	239	22	261	24	587	24
			Total	4,596	100	3,456	100	1074	100	1101	100	2485	100
k. Tried to better understand someone else's views by imagining how an issue looks from their perspective	hRIperspct		Never	165	4	114	3	47	4	42	4	91	4
			Sometimes	1,373	30	1,043	30	311	29	300	27	750	30
			Often	1,775	39	1,365	40	393	37	432	39	939	38
			Very often	1,279	28	933	27	320	30	329	30	698	28
			Total	4,592	100	3,455	100	1071	100	1103	100	2478	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.)	hinvarts		Not at all	2,013	44	1,485	43	501	46	501	45	1103	44
			Very little	691	15	508	15	172	16	174	16	357	14
			Some	555	12	419	12	127	12	131	12	286	11
			Quite a bit	384	8	302	9	80	7	75	7	214	9
			Very much	962	21	745	22	200	19	222	20	530	21
			Total	4,605	100	3,459	100	1080	100	1103	100	2490	100
b. Athletic teams (varsity, JV, club sport, etc.)	hinvathl		Not at all	917	20	711	21	196	18	254	23	473	19
			Very little	303	7	239	7	61	6	70	6	158	6
			Some	547	12	375	11	165	15	146	13	290	12
			Quite a bit	706	15	523	15	173	16	168	15	394	16
			Very much	2,132	46	1,612	47	484	45	467	42	1174	47
			Total	4,605	100	3,460	100	1079	100	1105	100	2489	100
c. Student government	hstugov		Not at all	2,821	61	2,013	58	775	72	655	59	1526	61
			Very little	507	11	368	11	123	11	119	11	268	11
			Some	513	11	410	12	97	9	137	12	279	11
			Quite a bit	307	7	265	8	40	4	88	8	153	6
			Very much	452	10	400	12	43	4	105	10	263	11
			Total	4,600	100	3,456	100	1078	100	1104	100	2489	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
d. Publications (student newspaper, yearbook, etc.)	hinvpubs		Not at all	3,366	73	2,520	73	808	75	780	71	1852	75
			Very little	415	9	307	9	97	9	99	9	215	9
			Some	320	7	238	7	76	7	100	9	153	6
			Quite a bit	206	4	153	4	49	5	42	4	106	4
			Very much	279	6	230	7	42	4	79	7	152	6
			Total	4,586	100	3,448	100	1072	100	1100	100	2478	100
e. Academic clubs or honor societies	hinvhon13		Not at all	795	17	344	10	434	40	186	17	382	15
			Very little	372	8	188	5	175	16	95	9	168	7
			Some	924	20	667	19	246	23	222	20	488	20
			Quite a bit	1,036	23	905	26	118	11	225	20	593	24
			Very much	1,467	32	1,348	39	103	10	372	34	855	34
			Total	4,594	100	3,452	100	1076	100	1100	100	2486	100
f. Vocational clubs (business, health, technology, etc.)	hinvvcl		Not at all	2,662	58	1,988	58	640	59	620	57	1441	58
			Very little	613	13	452	13	145	13	146	13	323	13
			Some	592	13	423	12	162	15	141	13	314	13
			Quite a bit	347	8	271	8	68	6	93	8	183	7
			Very much	359	8	297	9	62	6	96	9	211	9
			Total	4,573	100	3,431	100	1077	100	1096	100	2472	100
g. Religious youth groups	hrelgrp		Not at all	1,559	34	1,090	32	445	41	431	39	801	32
			Very little	533	12	395	11	132	12	132	12	265	11
			Some	811	18	614	18	186	17	178	16	450	18
			Quite a bit	728	16	552	16	164	15	153	14	395	16
			Very much	960	21	800	23	147	14	208	19	571	23
			Total	4,591	100	3,451	100	1074	100	1102	100	2482	100
h. Community service or volunteer work	hvolntr		Not at all	288	6	171	5	112	10	84	8	130	5
			Very little	450	10	293	8	149	14	109	10	243	10
			Some	1,311	29	958	28	336	31	295	27	714	29
			Quite a bit	1,233	27	954	28	261	24	288	26	666	27
			Very much	1,311	29	1,079	31	215	20	326	30	731	29
			Total	4,593	100	3,455	100	1073	100	1102	100	2484	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				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	47	1	33	1	12	1	11	1	28	1
			2	158	3	118	3	37	3	35	3	89	4
			3	403	9	298	9	102	9	97	9	210	8
			4	943	21	647	19	284	26	249	23	487	20
			5	1,575	34	1,172	34	378	35	364	33	841	34
			6	934	20	752	22	169	16	227	21	521	21
			7 Very much	522	11	420	12	94	9	120	11	303	12
			Total	4,582	100	3,440	100	1076	100	1103	100	2479	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	2	0	0	0	1	0	0	0	0	0
			1-5 hours per week	75	2	47	1	28	3	23	2	36	1
			6-10 hours per week	700	15	507	15	188	18	158	14	379	15
			11-15 hours per week	1,351	30	1,026	30	309	29	320	29	772	32
			16-20 hours per week	1,358	30	1,026	30	309	29	325	30	716	29
			21-25 hours per week	679	15	521	15	148	14	176	16	358	15
			26-30 hours per week	252	6	192	6	56	5	66	6	133	5
			More than 30	107	2	84	2	22	2	23	2	53	2
			Total	4,524	100	3,403	100	1061	100	1091	100	2447	100
b. Working for pay on- or off-campus	fywork		0 hours per week	1,776	39	1,376	40	378	36	385	35	1046	43
			1-5 hours per week	649	14	489	14	146	14	134	12	374	15
			6-10 hours per week	711	16	538	16	163	15	166	15	381	16
			11-15 hours per week	650	14	474	14	164	16	162	15	330	13
			16-20 hours per week	466	10	335	10	129	12	145	13	216	9
			21-25 hours per week	156	3	111	3	43	4	54	5	66	3
			26-30 hours per week	66	1	42	1	24	2	28	3	23	1
			More than 30	42	1	35	1	7	1	13	1	19	1
			Total	4,516	100	3,400	100	1054	100	1087	100	2455	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				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	95	2	61	2	33	3	33	3	39	2
			1-5 hours per week	667	15	503	15	151	14	159	15	341	14
			6-10 hours per week	1,473	32	1,148	34	306	29	374	34	785	32
			11-15 hours per week	1,217	27	939	27	265	25	281	26	697	28
			16-20 hours per week	678	15	480	14	189	18	161	15	373	15
			21-25 hours per week	240	5	170	5	66	6	55	5	136	6
			26-30 hours per week	77	2	60	2	17	2	14	1	46	2
			More than 30	93	2	56	2	35	3	16	1	51	2
	Total		4,540	100	3,417	100	1062	100	1093	100	2468	100	
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	fysocial13		0 hours per week	8	0	5	0	2	0	2	0	3	0
			1-5 hours per week	552	12	417	12	127	12	148	14	282	11
			6-10 hours per week	1,416	31	1,092	32	308	29	365	33	750	30
			11-15 hours per week	1,411	31	1,085	32	308	29	333	30	782	32
			16-20 hours per week	692	15	508	15	171	16	147	13	397	16
			21-25 hours per week	282	6	194	6	84	8	59	5	152	6
			26-30 hours per week	84	2	57	2	27	3	19	2	49	2
			More than 30	86	2	56	2	27	3	21	2	49	2
	Total		4,531	100	3,414	100	1054	100	1094	100	2464	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?													
	fyTMread17		Very little	110	2	81	2	27	3	19	2	71	3
			Some	1,424	31	1,046	31	364	34	325	30	782	32
			About half	1,837	41	1,412	42	395	37	454	41	985	40
			Most	1,039	23	774	23	249	24	270	25	572	23
			Almost all	111	2	87	3	22	2	30	3	51	2
	Total			4,521	100	3,400	100	1057	100	1098	100	2461	100
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	29	1	23	1	6	1	3	0	20	1
			Sometimes	1,405	31	1,092	32	296	28	320	29	791	32
			Often	1,982	44	1,468	43	493	47	479	44	1069	43
			Very often	1,104	24	816	24	262	25	299	27	588	24
			Total	4,520	100	3,399	100	1057	100	1101	100	2468	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
b. Explain course material to one or more students	fyCLxplain	EXP_CL	Never	61	1	36	1	24	2	22	2	31	1
			Sometimes	2,008	45	1,432	42	545	52	475	43	1056	43
			Often	1,916	42	1,506	44	389	37	446	41	1090	44
			Very often	524	12	414	12	99	9	155	14	287	12
			Total	4,509	100	3,388	100	1057	100	1098	100	2464	100
c. Prepare for exams by discussing or working through course material with other students	fyCLstudy	EXP_CL	Never	12	0	9	0	3	0	2	0	8	0
			Sometimes	559	12	408	12	146	14	115	11	315	13
			Often	2,144	48	1,603	48	519	49	503	46	1161	47
			Very often	1,775	40	1,352	40	386	37	471	43	977	40
			Total	4,490	100	3,372	100	1054	100	1091	100	2461	100
d. Work with other students on course projects or assignments	fyCLprojct	EXP_CL	Never	37	1	24	1	13	1	8	1	18	1
			Sometimes	833	19	647	19	179	17	173	16	464	19
			Often	2,081	46	1,589	47	469	45	495	45	1146	47
			Very often	1,547	34	1,122	33	392	37	419	38	836	34
			Total	4,498	100	3,382	100	1053	100	1095	100	2464	100
e. Talk about career plans with a faculty member	fySFcareer	EXP_SFI	Never	46	1	33	1	13	1	8	1	24	1
			Sometimes	1,780	40	1,302	39	458	44	416	38	984	40
			Often	1,919	43	1,471	44	420	40	493	45	1055	43
			Very often	691	16	529	16	148	14	179	16	386	16
			Total	4,436	100	3,335	100	1039	100	1096	100	2449	100
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	fySFothrwrk	EXP_SFI	Never	208	5	139	4	69	7	43	4	126	5
			Sometimes	2,361	53	1,793	54	544	52	542	50	1312	54
			Often	1,418	32	1,083	33	313	30	373	34	780	32
			Very often	437	10	310	9	111	11	133	12	233	10
			Total	4,424	100	3,325	100	1037	100	1091	100	2451	100
g. Discuss your academic performance with a faculty member	fySFprform	EXP_SFI	Never	77	2	63	2	14	1	14	1	40	2
			Sometimes	1,737	39	1,286	39	435	42	399	37	973	40
			Often	1,919	44	1,470	44	419	41	491	45	1061	43
			Very often	677	15	496	15	165	16	189	17	374	15
			Total	4,410	100	3,315	100	1033	100	1093	100	2448	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
h. Discuss course topics, ideas, or concepts with a faculty member outside of class	fySFdiscuss	EXP_SFI	Never	155	4	109	3	44	4	43	4	81	3
			Sometimes	1,994	45	1,488	45	486	47	446	41	1119	46
			Often	1,645	37	1,257	38	362	35	427	39	920	38
			Very often	606	14	454	14	138	13	176	16	328	13
			Total	4,400	100	3,308	100	1030	100	1092	100	2448	100
i. Prepare two or more drafts of a paper or assignment before turning it in	fydrafting		Never	127	3	90	3	36	4	34	3	71	3
			Sometimes	1,377	31	1,003	30	364	35	337	31	736	30
			Often	1,909	43	1,450	44	419	41	451	41	1087	44
			Very often	985	22	765	23	209	20	270	25	552	23
			Total	4,398	100	3,308	100	1028	100	1092	100	2446	100
j. Come to class without completing readings or assignments	fyunprepard		Never	3,342	76	2,604	79	690	67	831	76	1882	77
			Sometimes	901	21	607	18	287	28	224	21	490	20
			Often	82	2	45	1	32	3	18	2	42	2
			Very often	67	2	46	1	20	2	18	2	30	1
			Total	4,392	100	3,302	100	1029	100	1091	100	2444	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	26	1	17	1	9	1	7	1	13	1
			Sometimes	689	16	491	15	186	18	149	14	380	16
			Often	1,912	44	1,474	45	417	41	450	41	1113	46
			Very often	1,721	40	1,300	40	394	39	481	44	940	38
			Total	4,348	100	3,282	100	1006	100	1087	100	2446	100
b. People from an economic background other than your own	fyDVeconomc	EXP_DD	Never	21	0	14	0	7	1	6	1	10	0
			Sometimes	569	13	408	12	147	15	147	14	289	12
			Often	2,034	47	1,555	47	457	46	465	43	1193	49
			Very often	1,718	40	1,301	40	392	39	467	43	950	39
			Total	4,342	100	3,278	100	1003	100	1085	100	2442	100
c. People with religious beliefs other than your own	fyDVreligion	EXP_DD	Never	42	1	28	1	13	1	10	1	23	1
			Sometimes	856	20	648	20	191	19	197	18	480	20
			Often	1,776	41	1,355	41	402	40	435	40	1005	41
			Very often	1,667	38	1,243	38	399	40	446	41	933	38
			Total	4,341	100	3,274	100	1005	100	1088	100	2441	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
d. People with political views other than your own	fyDVpolitical	EXP_DD	Never	61	1	37	1	23	2	17	2	33	1
			Sometimes	846	20	623	19	209	21	212	20	446	18
			Often	1,757	41	1,360	42	378	38	416	38	1021	42
			Very often	1,671	39	1,252	38	393	39	441	41	939	38
			Total	4,335	100	3,272	100	1003	100	1086	100	2439	100
17. During the coming school year, how certain are you that you will do the following?													
a. Study when there are other interesting things to do	cotherint	EXP_PER	1 Not at all certain	24	1	14	0	8	1	7	1	12	0
			2	125	3	74	2	50	5	36	3	62	3
			3	793	19	524	16	261	27	195	18	444	18
			4	1,699	40	1,285	40	391	40	454	42	941	39
			5	1,059	25	860	27	187	19	263	24	623	26
			6 Very certain	567	13	470	15	86	9	134	12	351	14
			Total	4,267	100	3,227	100	983	100	1089	100	2433	100
b. Find additional information for course assignments when you don't understand the material	cfindinfo	EXP_PER	1 Not at all certain	7	0	4	0	3	0	3	0	2	0
			2	52	1	34	1	17	2	12	1	31	1
			3	315	7	202	6	110	11	72	7	175	7
			4	1,009	24	737	23	263	27	261	24	556	23
			5	1,596	38	1,209	38	365	37	400	37	923	38
			6 Very certain	1,257	30	1,016	32	219	22	339	31	741	31
			Total	4,236	100	3,202	100	977	100	1087	100	2428	100
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	EXP_PER	1 Not at all certain	24	1	18	1	6	1	7	1	13	1
			2	228	5	151	5	75	8	57	5	132	5
			3	860	20	646	20	209	22	221	20	467	19
			4	1,524	36	1,159	36	346	36	395	36	885	37
			5	1,050	25	798	25	228	23	263	24	611	25
			6 Very certain	533	13	418	13	108	11	144	13	315	13
			Total	4,219	100	3,190	100	972	100	1087	100	2423	100
d. Ask instructors for help when you struggle with course assignments	caskinst	EXP_PER	1 Not at all certain	13	0	6	0	7	1	4	0	7	0
			2	60	1	40	1	20	2	13	1	37	2
			3	338	8	245	8	91	9	76	7	190	8
			4	903	21	678	21	218	22	208	19	523	22
			5	1,360	32	1,051	33	291	30	357	33	776	32
			6 Very certain	1,536	36	1,163	37	344	35	430	40	895	37
			Total	4,210	100	3,183	100	971	100	1088	100	2428	100

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				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
e. Finish something you have started when you encounter challenges	cfinish	EXP_PER	1 Not at all certain	7	0	4	0	3	0	4	0	2	0
			2	26	1	10	0	15	2	8	1	13	1
			3	241	6	159	5	81	8	66	6	115	5
			4	873	21	632	20	234	24	204	19	493	20
			5	1,623	39	1,247	39	354	37	421	39	942	39
			6 Very certain	1,433	34	1,130	36	277	29	387	36	861	35
			Total	4,203	100	3,182	100	964	100	1090	100	2426	100
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	EXP_PER	1 Not at all certain	36	1	26	1	10	1	9	1	22	1
			2	146	3	113	4	32	3	44	4	78	3
			3	566	13	431	14	130	13	142	13	326	13
			4	1,155	28	878	28	265	27	287	26	673	28
			5	1,201	29	909	29	280	29	289	27	713	29
			6 Very certain	1,096	26	823	26	249	26	315	29	613	25
			Total	4,200	100	3,180	100	966	100	1086	100	2425	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	59	1	40	1	17	2	17	2	33	1
			2	368	9	281	9	87	9	92	8	231	10
			3	968	23	733	23	218	23	254	23	542	22
			4	1,721	41	1,293	41	406	43	452	41	1021	42
			5	840	20	643	20	184	19	220	20	492	20
			6 Very difficult	192	5	153	5	38	4	55	5	103	4
			Total	4,148	100	3,143	100	950	100	1090	100	2422	100
b. Managing your time	cmantime	EXP_DIF	1 Not at all difficult	88	2	70	2	16	2	18	2	59	2
			2	316	8	256	8	55	6	90	8	176	7
			3	690	17	517	16	155	16	198	18	387	16
			4	1,165	28	872	28	277	29	291	27	678	28
			5	1,121	27	853	27	260	27	299	27	656	27
			6 Very difficult	771	19	579	18	184	19	195	18	471	19
			Total	4,151	100	3,147	100	947	100	1091	100	2427	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
c. Paying college expenses	cpaycoll		1 Not at all difficult	745	18	560	18	169	18	186	17	462	19
			2	805	19	624	20	170	18	179	16	505	21
			3	753	18	562	18	179	19	165	15	463	19
			4	691	17	534	17	150	16	187	17	392	16
			5	548	13	417	13	125	13	169	16	289	12
			6 Very difficult	598	14	442	14	151	16	200	18	316	13
			Total	4,140	100	3,139	100	944	100	1086	100	2427	100
d. Getting help with school work	cgethelp	EXP_DIF	1 Not at all difficult	620	15	460	15	148	16	162	15	380	16
			2	1,328	32	1,032	33	286	30	338	31	785	32
			3	1,205	29	929	30	258	27	318	29	707	29
			4	720	17	535	17	177	19	197	18	406	17
			5	207	5	143	5	58	6	62	6	117	5
			6 Very difficult	54	1	35	1	17	2	12	1	32	1
			Total	4,134	100	3,134	100	944	100	1089	100	2427	100
e. Making new friends	cmakefr		1 Not at all difficult	927	22	657	21	248	26	259	24	523	22
			2	1,221	30	922	29	284	30	341	31	706	29
			3	1,011	24	796	25	204	22	247	23	612	25
			4	563	14	437	14	121	13	130	12	340	14
			5	283	7	224	7	55	6	78	7	160	7
			6 Very difficult	127	3	98	3	29	3	35	3	80	3
			Total	4,132	100	3,134	100	941	100	1090	100	2421	100
f. Interacting with faculty	cintfac	EXP_DIF	1 Not at all difficult	686	17	515	16	158	17	205	19	399	16
			2	1,114	27	834	27	263	28	309	28	627	26
			3	1,170	28	895	29	262	28	281	26	695	29
			4	795	19	614	20	171	18	199	18	490	20
			5	285	7	208	7	74	8	79	7	164	7
			6 Very difficult	75	2	60	2	14	1	18	2	48	2
			Total	4,125	100	3,126	100	942	100	1091	100	2423	100

Variable	Scale	Response Options	Self-Reported										
			All Students		High School grades				First Generation ^a				
			Count	%	A- or higher		B+ or lower		Yes		No		
				Count	%	Count	%	Count	%	Count	%		
19. During the coming school year, about how often do you expect to seek help with coursework from the following sources?													
a. Faculty members	fyseekfac	Never	22	1	20	1	2	0	7	1	10	0	
		Sometimes	1,382	34	1,070	35	302	33	364	34	846	35	
		Often	1,890	47	1,416	47	448	49	506	47	1,139	47	
		Very often	713	18	537	18	157	17	204	19	416	17	
		Total	4,007	100	3,043	100	909	100	1081	100	2411	100	
b. Academic advisors	fyseekaa	Never	53	1	40	1	13	1	16	1	33	1	
		Sometimes	1,319	33	1,016	34	292	32	305	28	844	35	
		Often	1,855	46	1,414	47	419	46	536	50	1,077	45	
		Very often	765	19	558	18	186	20	221	21	452	19	
		Total	3,992	100	3,028	100	910	100	1078	100	2406	100	
c. Learning support services (tutoring, writing center, success coaching, etc.)	fyseekls	Never	77	2	60	2	17	2	18	2	48	2	
		Sometimes	1,117	28	882	29	229	25	254	24	717	30	
		Often	1,732	43	1,304	43	404	45	473	44	1,025	43	
		Very often	1,068	27	790	26	253	28	331	31	618	26	
		Total	3,994	100	3,036	100	903	100	1076	100	2408	100	
d. Friends or other students	fyseekfrnd	Never	17	0	13	0	4	0	6	1	11	0	
		Sometimes	615	15	461	15	148	16	162	15	374	16	
		Often	1,781	45	1,353	45	404	45	471	44	1,076	45	
		Very often	1,581	40	1,208	40	350	39	442	41	943	39	
		Total	3,994	100	3,035	100	906	100	1081	100	2404	100	
e. Family members	fyseekfam	Never	1,022	26	802	26	209	23	283	26	620	26	
		Sometimes	1,751	44	1,338	44	396	44	466	43	1,068	44	
		Often	735	18	539	18	179	20	183	17	448	19	
		Very often	482	12	351	12	121	13	147	14	270	11	
		Total	3,990	100	3,030	100	905	100	1079	100	2406	100	
f. Other persons or offices	fyseekoth	Never	581	15	452	15	125	14	158	15	359	15	
		Sometimes	2,316	58	1,798	60	494	55	598	55	1,431	60	
		Often	788	20	559	19	212	23	239	22	442	18	
		Very often	291	7	207	7	75	8	85	8	161	7	
		Total	3,976	100	3,016	100	906	100	1080	100	2393	100	

Variable	Scale	Response Options	Self-Reported										
			All Students		High School grades				First Generation ^a				
			Count	%	A- or higher		B+ or lower		Yes		No		
				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	22	1	13	0	7	1	4	0	15	1
			2	69	2	43	1	25	3	26	2	33	1
			3	355	9	230	8	120	13	112	10	188	8
			4	1,009	26	747	25	250	28	292	27	594	25
			5	1,210	31	957	32	238	27	297	28	784	33
			6 Very prepared	1,256	32	984	33	253	28	349	32	795	33
			Total	3,921	100	2,974	100	893	100	1080	100	2409	100
b. Speak clearly and effectively	fySGspeak	PER_PREP	1 Not at all prepared	19	0	10	0	9	1	9	1	9	0
			2	95	2	71	2	23	3	21	2	60	2
			3	403	10	300	10	101	11	127	12	208	9
			4	990	25	748	25	230	26	267	25	611	25
			5	1,151	29	889	30	245	27	301	28	725	30
			6 Very prepared	1,255	32	949	32	286	32	352	33	792	33
			Total	3,913	100	2,967	100	894	100	1077	100	2405	100
c. Think critically and analytically	fySGthink	PER_PREP	1 Not at all prepared	4	0	2	0	2	0	2	0	2	0
			2	26	1	17	1	8	1	10	1	8	0
			3	210	5	141	5	63	7	61	6	113	5
			4	856	22	622	21	221	25	259	24	502	21
			5	1,376	35	1,047	35	314	35	368	34	855	36
			6 Very prepared	1,428	37	1,131	38	279	31	378	35	919	38
			Total	3,900	100	2,960	100	887	100	1078	100	2399	100
d. Analyze numerical and statistical information	fySGanalyze	PER_PREP	1 Not at all prepared	15	0	8	0	6	1	6	1	8	0
			2	121	3	70	2	49	6	45	4	59	2
			3	469	12	331	11	127	14	131	12	282	12
			4	1,037	27	737	25	283	32	296	28	617	26
			5	1,216	31	959	32	246	28	328	30	757	31
			6 Very prepared	1,048	27	860	29	177	20	270	25	685	28
			Total	3,906	100	2,965	100	888	100	1076	100	2408	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
e. Work effectively with others	fySGothers	PER_PREP	1 Not at all prepared	4	0	1	0	3	0	0	0	4	0
			2	28	1	17	1	11	1	8	1	14	1
			3	161	4	107	4	51	6	49	5	85	4
			4	687	18	521	18	158	18	194	18	404	17
			5	1,389	36	1,077	36	290	33	361	34	872	36
			6 Very prepared	1,630	42	1,238	42	373	42	464	43	1022	43
			Total	3,899	100	2,961	100	886	100	1076	100	2401	100
f. Use computing and information technology	cgncompt13	PER_PREP	1 Not at all prepared	26	1	16	1	10	1	10	1	13	1
			2	149	4	110	4	38	4	32	3	98	4
			3	485	12	374	13	105	12	124	12	297	12
			4	1,011	26	761	26	239	27	288	27	605	25
			5	1,173	30	903	30	254	29	320	30	725	30
			6 Very prepared	1,052	27	797	27	237	27	302	28	663	28
			Total	3,896	100	2,961	100	883	100	1076	100	2401	100
g. Learn effectively on your own	cgningq	PER_PREP	1 Not at all prepared	12	0	9	0	3	0	4	0	7	0
			2	49	1	29	1	19	2	24	2	17	1
			3	222	6	136	5	79	9	63	6	136	6
			4	863	22	602	20	247	28	239	22	504	21
			5	1,371	35	1,066	36	294	33	366	34	856	36
			6 Very prepared	1,368	35	1,112	38	238	27	377	35	873	36
			Total	3,885	100	2,954	100	880	100	1073	100	2393	100
21. 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	22	1	14	0	8	1	9	1	11	0
			2	71	2	39	1	32	4	23	2	42	2
			3	394	10	267	9	123	14	132	12	227	9
			4	1,262	33	907	31	334	39	375	34	794	32
			5	1,283	34	1,033	35	241	28	345	32	850	35
			6 Very important	790	21	656	22	117	14	208	19	533	22
			Total	3,822	100	2,916	100	855	100	1092	100	2457	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
		Count	%	Count	%	Count	%	Count	%				
b. Support to help students succeed academically	fySEacad	IMP_CAMP	1 Not important	4	0	3	0	1	0	1	0	3	0
			2	21	1	12	0	9	1	10	1	10	0
			3	128	3	76	3	51	6	40	4	70	3
			4	555	15	367	13	177	21	174	16	330	13
			5	1,169	31	925	32	235	28	313	29	792	32
			6 Very important	1,926	51	1,519	52	379	44	548	50	1246	51
		Total	3,803	100	2,902	100	852	100	1086	100	2451	100	
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	fySEdiv	IMP_CAMP	1 Not important	64	2	47	2	16	2	14	1	47	2
			2	160	4	119	4	38	4	46	4	105	4
			3	476	13	349	12	126	15	123	11	320	13
			4	927	24	732	25	186	22	278	26	586	24
			5	1,045	28	802	28	230	27	283	26	692	28
			6 Very important	1,122	30	845	29	255	30	346	32	702	29
		Total	3,794	100	2,894	100	851	100	1090	100	2452	100	
d. Help managing your non-academic responsibilities (work, family, etc.)	fySEacad	IMP_CAMP	1 Not important	66	2	54	2	11	1	19	2	45	2
			2	206	5	151	5	53	6	58	5	139	6
			3	574	15	440	15	129	15	154	14	379	15
			4	1,086	29	805	28	274	32	307	28	703	29
			5	984	26	769	27	206	24	286	26	637	26
			6 Very important	866	23	667	23	174	21	266	24	545	22
		Total	3,782	100	2,886	100	847	100	1090	100	2448	100	
e. Opportunities to be involved socially	fySEsoc	IMP_CAMP	1 Not important	27	1	21	1	6	1	12	1	13	1
			2	71	2	51	2	18	2	27	2	40	2
			3	257	7	184	6	70	8	75	7	157	6
			4	762	20	570	20	186	22	230	21	476	19
			5	1,190	32	907	32	272	32	339	31	780	32
			6 Very important	1,457	39	1,141	40	288	34	399	37	983	40
		Total	3,764	100	2,874	100	840	100	1082	100	2449	100	

	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	%
f. Opportunities to attend campus activities and events	fySEact	IMP_CAMP	1 Not important	14	0	9	0	5	1	6	1	7	0
			2	65	2	43	1	18	2	25	2	35	1
			3	223	6	151	5	71	8	72	7	133	5
			4	706	19	531	18	168	20	205	19	443	18
			5	1,249	33	963	34	273	32	366	34	814	33
			6 Very important	1,507	40	1,177	41	306	36	412	38	1014	41
			Total	3,764	100	2,874	100	841	100	1086	100	2446	100
g. Learning support services (tutoring services, writing center, etc.)	fySEserv	IMP_CAMP	1 Not important	19	1	13	0	5	1	5	0	14	1
			2	62	2	42	1	19	2	22	2	35	1
			3	245	7	172	6	72	9	68	6	158	6
			4	732	19	545	19	182	22	221	20	461	19
			5	1,085	29	844	29	233	28	296	27	724	30
			6 Very important	1,616	43	1,255	44	327	39	470	43	1055	43
			Total	3,759	100	2,871	100	838	100	1082	100	2447	100
22. 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	3,431	92	2,649	93	739	90	953	88	2311	94
			Not using	149	4	107	4	40	5	74	7	66	3
			Not sure	133	4	91	3	40	5	56	5	70	3
			Total	3,713	100	2,847	100	819	100	1083	100	2447	100
b. Loans	fyloans		Using	1,088	30	812	30	262	33	392	37	640	27
			Not using	1,786	50	1,401	51	362	46	444	42	1266	54
			Not sure	701	20	526	19	165	21	211	20	451	19
			Total	3,575	100	2,739	100	789	100	1047	100	2357	100
c. Grants or scholarships	fygrants		Using	2,709	74	2,259	80	421	53	787	74	1807	75
			Not using	634	17	356	13	267	34	197	18	399	17
			Not sure	310	8	194	7	109	14	85	8	207	9
			Total	3,653	100	2,809	100	797	100	1069	100	2413	100
d. Employment on or off campus	fyjob		Using	1,142	32	875	32	253	32	387	37	702	30
			Not using	1,368	38	1,054	38	293	37	375	36	941	40
			Not sure	1,065	30	811	30	241	31	288	27	717	30
			Total	3,575	100	2,740	100	787	100	1050	100	2360	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
e. Personal savings or other sources	fypersonal		Using	1,826	51	1,442	52	359	46	548	52	1198	51
			Not using	1,107	31	820	30	269	34	318	30	744	31
			Not sure	646	18	485	18	157	20	184	18	423	18
			Total	3,579	100	2,747	100	785	100	1050	100	2365	100
23. What do you expect most of your grades will be during the coming year? (Select only one.)	fygrades17		C- or lower	0	0	0	0	0	0	0	0	0	0
			C	0	0	0	0	0	0	0	0	0	0
			C+	4	0	0	0	4	0	0	0	3	0
			B-	83	2	36	1	45	6	32	3	50	2
			B	479	13	254	9	223	27	167	16	290	12
			B+	614	17	370	13	238	29	171	16	408	17
			A-	1,091	30	926	33	158	19	321	30	728	30
			A	1,238	34	1,102	39	129	16	331	31	856	35
			A+	143	4	122	4	20	2	37	3	98	4
			Grades not used	0	0	0	0	0	0	0	0	0	0
			Total	3,652	100	2,810	100	817	100	1059	100	2433	100
24. Do you expect to graduate from this institution?	fyintgrad		No	14	0	9	0	5	1	9	1	4	0
			Yes	3,602	98	2,768	98	788	97	1042	97	2414	98
			Uncertain	76	2	56	2	19	2	22	2	51	2
			Total	3,692	100	2,833	100	812	100	1073	100	2469	100
25. Do you know what your major will be?	fymajor		No	440	12	312	11	123	15	139	13	275	11
			Yes, specify:	3,274	88	2,541	89	694	85	949	87	2201	89
			Total	3,714	100	2,853	100	817	100	1088	100	2476	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
Recoded variable <i>fymajcode</i> into one of 12 major categories listed at right	fymajrcl		Arts & Humanities	213	8	155	8	50	9	64	8	140	8
			Biological Sciences, Agriculture, & Natural Resources	298	11	232	11	64	12	72	10	218	12
			Physical Sciences, Mathematics, & Computer Science	111	4	91	4	20	4	35	5	73	4
			Social Sciences	105	4	75	4	29	5	36	5	64	4
			Business	439	17	304	15	129	24	131	17	288	16
			Communications, Media & Public Relations	85	3	59	3	25	5	23	3	58	3
			Education	88	3	66	3	20	4	30	4	57	3
			Engineering	694	27	576	28	109	20	183	24	479	27
			Health Professions	547	21	459	23	82	15	177	23	352	20
			Social Service Professions	8	0	5	0	3	1	1	0	7	0
			All Other	12	0	6	0	6	1	3	0	9	1
			Undecided/undeclared	6	0	5	0	0	0	1	0	3	0
				Total			2,606	100	2,033	100	537	100	756
26. Are you (or will you be) a full-time student this fall term?	fyfulltime		No	28	1	22	1	6	1	9	1	17	1
			Yes	3,676	99	2,817	99	813	99	1087	99	2476	99
			Total	3,704	100	2,839	100	819	100	1096	100	2493	100
27. How many of your close friends will attend this college during the coming year?	fyfriends		None	934	25	716	25	210	26	266	24	639	26
			1	515	14	393	14	115	14	170	16	332	13
			2	438	12	341	12	91	11	130	12	296	12
			3	342	9	263	9	77	9	110	10	222	9
			4 or more	1,457	40	1,116	39	318	39	419	38	1000	40
			Total	3,686	100	2,829	100	811	100	1095	100	2489	100
28. This institution was your:	fychoice17		First choice	3,001	81	2,313	82	653	79	915	83	2006	80
			Second choice	579	16	428	15	141	17	157	14	404	16
			Third choice or lower	128	3	96	3	31	4	33	3	94	4
			Total	3,708	100	2,837	100	825	100	1105	100	2504	100
29. What is your gender identity?	fygender		Man	1,630	44	1,140	40	472	57	477	43	1105	44
			Woman	2,070	56	1697	60	347	42	626	57	1396	55
			Another gender identity	9	0	4	0	5	1	1	0	8	0
			Prefer not to respond	9	0	7	0	2	0	2	0	7	0
			Total	3,718	100	2,848	100	826	100	1106	100	2516	100

	Variable	Scale	Response Options	Self-Reported									
				All Students		High School grades				First Generation ^a			
				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
30. Are you an international student or foreign national?	fyinternat		No	3,620	99	2,769	99	807	99	1080	98	2473	99
			Yes	41	1	31	1	8	1	18	2	21	1
			Total	3,661	100	2,800	100	815	100	1098	100	2494	100
31. What is your racial or ethnic identification? (recoded as mutually exclusive with addition of multiracial variable)	FYrace		American Indian or Alaska Native	14	0	11	0	3	0	7	1	7	0
			Asian	82	2	64	2	15	2	35	3	44	2
			Black or African American	157	4	99	4	56	7	70	6	80	3
			Hispanic or Latino	50	1	37	1	12	1	16	1	33	1
			Native Hawaiian or Other Pacific Islander	2	0	2	0	0	0	2	0	0	0
			White	3,156	85	2,443	86	679	82	899	81	2217	88
			Multiracial	199	5	144	5	50	6	77	7	119	5
			Other	11	0	8	0	2	0	2	0	7	0
			I prefer not to respond	28	1	19	1	8	1	8	1	18	1
32. What is the highest level of education completed by either of your parents (or those who raised you)?	fypardegr		Did not finish high school	13	0	10	0	3	0	13	1	0	0
			High school diploma or G.E.D.	804	22	572	20	220	27	804	72	0	0
			Attended college but did not complete degree	142	4	110	4	30	4	142	13	0	0
			Associate's degree (A.A., A.S., etc.)	161	4	126	5	34	4	161	14	0	0
			Bachelor's degree (B.A., B.S., etc.)	1,194	33	946	34	235	29	0	0	1194	47
			Master's degree (M.A., M.S., etc.)	938	26	729	26	201	25	0	0	938	37
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	400	11	306	11	86	11	0	0	400	16
			Total	3,652	100	2,799	100	809	100	1120	100	2532	100

	<i>Variable</i>	<i>Scale</i>	<i>Response Options</i>	Self-Reported									
				All Students		High School grades				First Generation^a			
				<i>Count</i>	<i>%</i>	A- or higher		B+ or lower		Yes		No	
				<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>		
33	Which of the following best describes where you will be (or are) living during the coming school year?	fyliving	Dormitory or other campus housing	2,344	66	1,783	65	530	67	647	60	1690	68
			Residence (house, apartment, etc.) within walking distance to campus	662	19	487	18	169	21	209	19	451	18
			Residence (house, apartment, etc.) farther than walking distance to campus	513	14	428	16	79	10	195	18	314	13
			None of the above	51	1	37	1	14	2	25	2	24	1
			Total	3,570	100	2,735	100	792	100	1076	100	2479	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
Auburn University

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	.12	31.50	29.25	.12	.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 2017 Mean Scale Scores and Selected Student Comparisons Auburn University

BCSSE Scales ^a	Variable	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 <i>High school engagement with analysis and numerical information</i>	HS_QR	32.84	14.37	4,586	33.06	32.19	.06		32.66	33.64		-.07
Learning Strategies <i>Use of effective learning strategies in high school</i>	HS_LS	39.56	13.03	4,556	40.23	37.34	***	.22	40.00	40.04		.00
Collaborative Learning <i>Expectation to interact and collaborate with peers</i>	EXP_CL	39.86	10.87	4,508	39.92	39.45		.04	40.88	39.81	**	.10
Student-Faculty Interaction <i>Expectation to interaction and engage with faculty</i>	EXP_SFI	32.72	11.95	4,417	32.82	32.09		.06	33.86	32.65	**	.10
Expected Discussions with Diverse Others <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	44.06	13.18	4,346	44.18	43.68		.04	44.83	44.12		.05
Expected Academic Perseverance <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	43.60	8.60	4,215	44.06	41.91	***	.25	43.86	43.87		.00
Expected Academic Difficulty <i>Expected academic difficulty during the first year of college</i>	EXP_DIF	28.73	9.40	4,141	28.68	28.98		-.03	28.59	28.76		-.02

BCSSE 2017 Mean Scale Scores and Selected Student Comparisons Auburn University

BCSSE Scales ^a	Variable	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
Perceived Academic Preparation <i>Student perception of their academic preparation</i>	PER_PREP	46.24	8.74	3,910	46.74	44.61	***	.24	45.93	46.72	*	-.09
Importance of Campus Environment <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	46.12	9.32	3,788	46.54	44.52	***	.21	45.84	46.34		-.05

^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.

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