



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 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.

		Respondents^a	
		<i>Count</i>	<i>%</i>
Number of Surveys Completed		4397	100
<i>Mode of Completion</i>			
	Paper	4397	100
	Web	0	0
<i>When Student Completed BCSSE</i>			
	Prior to the start of fall term classes	4349	100
	During the first week of fall term classes	3	0
	After the first week of fall term classes	1	0
Student Characteristics			
<i>Enrollment Status</i>			
	Full-time	3974	99
	Less than full-time	29	1
<i>Gender</i>			
	Man	1844	45
	Women	2207	54
	Another gender identity	6	0
	Prefer not to respond	3	0
<i>Race/Ethnicity (Select all that apply)</i>			
	American Indian or Alaska Native	12	0
	Asian	93	2
	Black or African American	202	5
	Hispanic or Latino	64	2
	Native Hawaiian or Other Pacific Islander	4	0
	White	3386	84
	Other	11	0
	Multiracial	225	6
	I prefer not to respond	28	1
<i>High School Graduation Year</i>			
	2013 or earlier	0	0
	2014	0	0
	2015	0	0
	2016	0	0
<i>First Generation Status^b</i>			
	Yes	1239	31
	No	2758	69
<i>International or Foreign National Student</i>			
	Yes	35	1
	No	3978	99

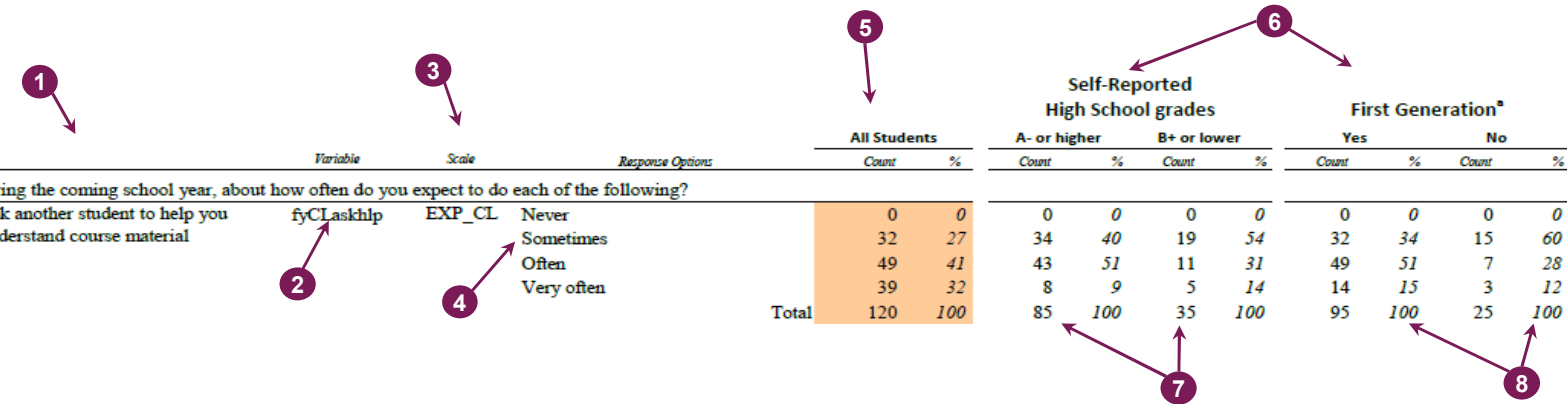
a. Student reported characteristics for all BCSSE 2016 respondents.

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



BCSSE Institutional Report Frequency Distributions

Auburn University



	Variable	Scale	Response Options	All Students		Self-Reported High School grades				First Generation*			
				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.	fyCLaskhlp	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.

	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	4,349	100	3,176	100	1148	100	1226	100	2729	100
			During the first week of fall term classes	3	0	1	0	1	0	2	0	0	0
			After the first week of fall term classes	1	0	0	0	1	0	1	0	0	0
			Total	4,353	100	3,177	100	1150	100	1229	100	2729	100
1. Please write in the year you graduated from high school (for example, 2014):	hgradyr		2013 or earlier	0	0	0	0	0	0	0	0	0	0
			2014	0	0	0	0	0	0	0	0	0	0
			2015	0	0	0	0	0	0	0	0	0	0
			2016	0	0	0	0	0	0	0	0	0	0
			Total	0	0	0	0	0	0	0	0	0	0
2. From which type of high school did you graduate? (Select only one.)	htype13		Public	3,072	70	2,303	72	751	64	862	70	1934	70
			Private, religiously-affiliated	878	20	625	20	248	21	248	20	558	20
			Private, not religiously affiliated	368	8	209	7	156	13	104	8	229	8
			Home school	71	2	62	2	9	1	21	2	35	1
			Other (e.g., G.E.D.)	4	0	2	0	2	0	3	0	1	0
			Total	4,393	100	3,201	100	1166	100	1238	100	2757	100
3. What were most of your high school grades? (Select only one.)	hgrades		C- or lower	1	0	0	0	1	0	1	0	0	0
			C	5	0	0	0	5	0	0	0	5	0
			C+	13	0	0	0	13	1	6	0	6	0
			B-	53	1	0	0	53	5	19	2	30	1
			B	433	10	0	0	433	37	150	12	236	9
			B+	661	15	0	0	661	57	220	18	372	14
			A-	1,041	24	1,041	33	0	0	310	25	631	23
			A	2,161	49	2,161	67	0	0	527	43	1463	53
			Grades not used	0	0	0	0	0	0	0	0	0	0
			Total	4,368	100	3,202	100	1166	100	1233	100	2743	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	4,056	92	2,992	93	1038	89	1128	91	2561	93
b. Pre-calculus/Trigonometry	hprecalc13		Selected	3,799	86	2,905	91	872	75	1043	84	2419	88
c. Calculus	hcalc13		Selected	2,226	51	1,873	58	342	29	563	45	1472	53
d. Probability or Statistics	hstats13		Selected	1,064	24	760	24	297	25	284	23	690	25

	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	%		
5.	Did you take the SAT or ACT?	hsatact	No	2	0	2	0	0	0	1	0	1	0
			Yes	4,390	100	3,200	100	1163	100	1237	100	2754	100
			Total	4,392	100	3,202	100	1163	100	1238	100	2755	100
	Recode of SAT Composite Score variable sat_act into categories	sat_actr	900 or lower	14	0	4	0	10	1	4	0	7	0
			901-1000	149	4	80	3	67	6	68	6	61	2
			1001-1100	450	11	255	8	191	18	166	14	230	9
			1101-1200	1,154	27	715	23	432	40	399	34	652	24
			1201-1300	1,101	26	831	27	265	24	290	24	716	27
			1301-1400	719	17	631	20	86	8	163	14	499	19
			1401-1600	646	15	606	19	38	3	99	8	510	19
			Total	4,233	100	3,122	100	1089	100	1189	100	2675	100
6.	During high school, how many of the following types of classes did you complete?												
a.	Advanced Placement (AP) classes	hapcl13	0	624	15	363	12	258	23	243	21	327	12
			1-2	1,090	26	735	24	345	31	315	27	675	26
			3-4	1,063	25	802	26	257	23	301	26	654	25
			5-6	706	17	560	18	141	13	169	14	493	19
			7-8	440	11	366	12	71	6	93	8	307	12
			9-10	154	4	131	4	23	2	31	3	107	4
			11 or more	104	2	90	3	14	1	15	1	80	3
			Total	4,181	100	3,047	100	1109	100	1167	100	2643	100
b.	College or university courses for credit	hhonor13	0	1,700	55	1,178	51	514	63	481	54	1067	55
			1-2	853	27	651	28	199	25	238	27	522	27
			3-4	306	10	249	11	56	7	88	10	191	10
			5-6	107	3	93	4	14	2	28	3	69	4
			7-8	64	2	54	2	9	1	21	2	42	2
			9-10	26	1	20	1	6	1	7	1	17	1
			11 or more	62	2	49	2	13	2	24	3	34	2
			Total	3,118	100	2,294	100	811	100	887	100	1942	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	176	4	124	4	51	4	71	6	85	3
		1-2	1,049	24	753	24	288	25	316	26	641	23
		3-5	1,222	28	893	28	320	28	357	29	756	28
		6-10	849	20	614	19	229	20	234	19	537	20
		11-15	478	11	362	11	113	10	104	8	324	12
		16-20	216	5	151	5	65	6	52	4	146	5
		More than 20 papers, etc.	362	8	271	9	91	8	90	7	247	9
		Total	4,352	100	3,168	100	1157	100	1224	100	2736	100
b. Between 6 and 10 pages	hWRmd	None	1,467	36	1,080	36	382	35	449	39	887	35
		1-2	1,872	46	1,358	46	503	47	503	44	1207	47
		3-5	535	13	387	13	142	13	139	12	347	14
		6-10	135	3	99	3	35	3	37	3	90	4
		11-15	38	1	25	1	11	1	11	1	23	1
		16-20	11	0	7	0	4	0	4	0	6	0
		More than 20 papers, etc.	10	0	6	0	4	0	3	0	7	0
		Total	4,068	100	2,962	100	1081	100	1146	100	2567	100
c. 11 pages or more	hWRlng	None	2,983	76	2,182	77	784	76	861	78	1855	76
		1-2	792	20	575	20	213	21	203	18	522	21
		3-5	103	3	74	3	28	3	28	3	65	3
		6-10	18	0	15	1	2	0	6	1	10	0
		11-15	6	0	4	0	2	0	4	0	1	0
		16-20	1	0	1	0	0	0	1	0	0	0
		More than 20 papers, etc.	1	0	0	0	1	0	1	0	0	0
		Total	3,904	100	2,851	100	1030	100	1104	100	2453	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	%
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	58	1	42	1	16	1	19	2	37	1
		1-5 hours per week	1,824	42	1,260	39	549	47	561	45	1112	40
		6-10 hours per week	1,276	29	923	29	346	30	374	30	794	29
		11-15 hours per week	659	15	506	16	149	13	153	12	435	16
		16-20 hours per week	325	7	261	8	64	5	64	5	230	8
		21-25 hours per week	140	3	116	4	23	2	38	3	84	3
		26-30 hours per week	64	1	53	2	10	1	12	1	44	2
		More than 30 hours per week	39	1	31	1	8	1	13	1	19	1
		Total	4,385	100	3,192	100	1165	100	1234	100	2755	100
b. Working for pay	hwork	0 hours per week	1,939	44	1,454	46	478	41	519	42	1249	46
		1-5 hours per week	615	14	437	14	171	15	178	14	391	14
		6-10 hours per week	502	11	380	12	120	10	127	10	331	12
		11-15 hours per week	522	12	370	12	148	13	152	12	311	11
		16-20 hours per week	402	9	272	9	123	11	111	9	248	9
		21-25 hours per week	244	6	168	5	76	7	81	7	142	5
		26-30 hours per week	87	2	66	2	20	2	31	3	49	2
		More than 30 hours per week	62	1	41	1	21	2	34	3	23	1
		Total	4,373	100	3,188	100	1157	100	1233	100	2744	100
c. Participating in co-curricular activities (organizations, school publications, student government, sports, etc.)	hcocurr	0 hours per week	214	5	136	4	75	6	78	6	111	4
		1-5 hours per week	893	20	651	20	235	20	264	21	549	20
		6-10 hours per week	956	22	705	22	247	21	241	19	642	23
		11-15 hours per week	996	23	746	23	248	21	286	23	609	22
		16-20 hours per week	673	15	479	15	190	16	187	15	428	16
		21-25 hours per week	311	7	241	8	68	6	77	6	209	8
		26-30 hours per week	110	3	80	3	28	2	39	3	59	2
		More than 30 hours per week	231	5	157	5	70	6	64	5	144	5
		Total	4,384	100	3,195	100	1161	100	1236	100	2751	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	6	0	5	0	5	0	5	0
			1-5 hours per week	749	17	548	17	194	17	232	19	457	17
			6-10 hours per week	1,358	31	1,012	32	336	29	382	31	860	31
			11-15 hours per week	1,075	25	765	24	302	26	270	22	703	26
			16-20 hours per week	590	13	422	13	165	14	187	15	341	12
			21-25 hours per week	286	7	214	7	72	6	77	6	184	7
			26-30 hours per week	90	2	63	2	27	2	25	2	57	2
			More than 30 hours per week	221	5	160	5	61	5	56	5	144	5
			Total	4,380	100	3,190	100	1162	100	1234	100	2751	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	1,213	28	866	27	341	29	360	29	753	27
			Some	2,117	48	1,558	49	543	47	584	47	1334	49
			About half	738	17	545	17	189	16	190	15	485	18
			Most	245	6	178	6	67	6	74	6	146	5
			Almost all	62	1	44	1	18	2	24	2	30	1
			Total	4,375	100	3,191	100	1158	100	1232	100	2748	100
10. During your last year of high school, about how often did you do the following?													
a. Came to class without completing readings or assignments	hunprepard		Never	1,731	40	1,446	45	277	24	462	38	1141	42
			Sometimes	2,334	54	1,560	49	758	66	671	55	1422	52
			Often	205	5	118	4	85	7	69	6	122	4
			Very often	89	2	55	2	34	3	26	2	51	2
			Total	4,359	100	3,179	100	1154	100	1228	100	2736	100
b. Prepared two or more drafts of a paper or assignment before turning it in	hdrafting		Never	672	15	481	15	186	16	182	15	419	15
			Sometimes	1,892	43	1,388	44	496	43	542	44	1169	43
			Often	1,315	30	931	29	376	33	376	31	836	31
			Very often	481	11	379	12	97	8	129	10	312	11
			Total	4,360	100	3,179	100	1155	100	1229	100	2736	100
c. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	hQRconclud	HS_QR	Never	201	5	143	5	57	5	59	5	123	5
			Sometimes	1,111	26	794	25	312	27	310	25	689	25
			Often	1,967	45	1,407	44	546	47	570	46	1220	45
			Very often	1,072	25	829	26	237	21	288	23	701	26
			Total	4,351	100	3,173	100	1152	100	1227	100	2733	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	479	11	343	11	134	12	140	11	286	10
			Sometimes	1,578	36	1,151	36	420	36	440	36	991	36
			Often	1,517	35	1,104	35	401	35	432	35	947	35
			Very often	777	18	575	18	197	17	215	18	508	19
			Total	4,351	100	3,173	100	1152	100	1227	100	2732	100
e. Evaluated what others have concluded from numerical information	hQRrevaluat	HS_QR	Never	464	11	337	11	123	11	152	12	278	10
			Sometimes	1,738	40	1,250	39	479	42	477	39	1070	39
			Often	1,567	36	1,147	36	413	36	447	36	988	36
			Very often	574	13	435	14	133	12	151	12	391	14
			Total	4,343	100	3,169	100	1148	100	1227	100	2727	100
f. Identified key information from reading assignments	hLSreading	HS_LS	Never	53	1	39	1	14	1	15	1	35	1
			Sometimes	779	18	550	17	223	19	233	19	458	17
			Often	1,863	43	1,325	42	528	46	528	43	1150	42
			Very often	1,649	38	1,257	40	383	33	449	37	1084	40
			Total	4,344	100	3,171	100	1148	100	1225	100	2727	100
g. Reviewed your notes after class	hLSnotes	HS_LS	Never	240	6	154	5	85	7	59	5	165	6
			Sometimes	1,367	31	977	31	386	34	385	31	843	31
			Often	1,434	33	1,011	32	412	36	413	34	874	32
			Very often	1,304	30	1,027	32	267	23	370	30	846	31
			Total	4,345	100	3,169	100	1150	100	1227	100	2728	100
h. Summarized what you learned in class or from course materials	hLSsummry	HS_LS	Never	214	5	145	5	68	6	64	5	132	5
			Sometimes	1,429	33	1,022	32	397	35	391	32	874	32
			Often	1,625	37	1,176	37	440	38	474	39	1015	37
			Very often	1,077	25	827	26	244	21	298	24	705	26
			Total	4,345	100	3,170	100	1149	100	1227	100	2726	100
i. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	hRIdivers		Never	315	7	228	7	86	7	113	9	178	7
			Sometimes	1,663	38	1,247	39	407	35	461	38	1046	38
			Often	1,360	31	985	31	365	32	376	31	857	31
			Very often	1,010	23	712	22	292	25	278	23	647	24
			Total	4,348	100	3,172	100	1150	100	1228	100	2728	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	229	5	164	5	63	5	72	6	138	5
			Sometimes	1,460	34	1,102	35	353	31	419	34	909	33
			Often	1,704	39	1,213	38	480	42	457	37	1096	40
			Very often	955	22	693	22	254	22	280	23	585	21
			Total	4,348	100	3,172	100	1150	100	1228	100	2728	100
k.	Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	hRIperspect	Never	135	3	99	3	36	3	39	3	84	3
			Sometimes	1,312	30	979	31	326	28	363	30	828	30
			Often	1,746	40	1,259	40	477	42	487	40	1115	41
			Very often	1,155	27	836	26	310	27	339	28	702	26
			Total	4,348	100	3,173	100	1149	100	1228	100	2729	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	1,768	41	1,253	40	502	44	527	43	1100	40
			Very little	743	17	547	17	192	17	207	17	468	17
			Some	560	13	403	13	153	13	157	13	357	13
			Quite a bit	385	9	289	9	95	8	106	9	230	8
			Very much	887	20	676	21	208	18	230	19	573	21
			Total	4,343	100	3,168	100	1150	100	1227	100	2728	100
b.	Athletic teams (varsity, JV, club sport, etc.)	hinvathl	Not at all	819	19	623	20	189	16	256	21	472	17
			Very little	297	7	222	7	75	7	98	8	181	7
			Some	497	11	352	11	140	12	127	10	324	12
			Quite a bit	678	16	481	15	194	17	178	15	450	16
			Very much	2,051	47	1,489	47	551	48	567	46	1302	48
			Total	4,342	100	3,167	100	1149	100	1226	100	2729	100
c.	Student government	hstugov	Not at all	2,661	61	1,857	59	787	68	747	61	1652	61
			Very little	492	11	358	11	132	11	148	12	302	11
			Some	429	10	316	10	111	10	123	10	273	10
			Quite a bit	306	7	250	8	54	5	82	7	198	7
			Very much	449	10	380	12	66	6	126	10	298	11
			Total	4,337	100	3,161	100	1150	100	1226	100	2723	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	3,159	73	2,300	73	840	73	881	72	1978	73
			Very little	435	10	302	10	131	11	120	10	273	10
			Some	294	7	217	7	76	7	83	7	190	7
			Quite a bit	184	4	135	4	47	4	60	5	112	4
			Very much	265	6	210	7	53	5	80	7	173	6
			Total	4,337	100	3,164	100	1147	100	1224	100	2726	100
e. Academic clubs or honor societies	hinvhon13		Not at all	753	17	294	9	454	39	258	21	419	15
			Very little	379	9	223	7	153	13	118	10	213	8
			Some	862	20	601	19	255	22	221	18	540	20
			Quite a bit	960	22	789	25	168	15	241	20	637	23
			Very much	1,390	32	1,261	40	120	10	387	32	920	34
			Total	4,344	100	3,168	100	1150	100	1225	100	2729	100
f. Vocational clubs (business, health, technology, etc.)	hinvvcl		Not at all	2,579	60	1,897	60	673	59	724	59	1623	60
			Very little	581	13	430	14	144	13	180	15	344	13
			Some	580	13	400	13	177	15	149	12	382	14
			Quite a bit	282	7	197	6	82	7	70	6	183	7
			Very much	297	7	224	7	69	6	98	8	179	7
			Total	4,319	100	3,148	100	1145	100	1221	100	2711	100
g. Religious youth groups	hrelgrp		Not at all	1,453	33	984	31	464	40	454	37	871	32
			Very little	469	11	348	11	119	10	116	9	308	11
			Some	749	17	542	17	200	17	194	16	471	17
			Quite a bit	665	15	497	16	164	14	183	15	435	16
			Very much	1,003	23	792	25	203	18	278	23	640	23
			Total	4,339	100	3,163	100	1150	100	1225	100	2725	100
h. Community service or volunteer work	hvolntr		Not at all	278	6	170	5	107	9	98	8	156	6
			Very little	429	10	278	9	149	13	120	10	262	10
			Some	1,182	27	848	27	323	28	308	25	745	27
			Quite a bit	1,174	27	882	28	289	25	338	28	730	27
			Very much	1,281	29	989	31	283	25	362	30	836	31
			Total	4,344	100	3,167	100	1151	100	1226	100	2729	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	34	1	21	1	13	1	9	1	22	1
			2	152	4	110	3	41	4	36	3	103	4
			3	366	8	252	8	113	10	117	10	226	8
			4	848	20	587	19	255	22	245	20	529	19
			5	1,485	34	1,078	34	400	35	413	34	948	35
			6	897	21	685	22	207	18	238	19	566	21
			7 Very much	555	13	433	14	117	10	165	13	334	12
			Total	4,337	100	3,166	100	1146	100	1223	100	2728	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	83	2	49	2	34	3	32	3	44	2
			6-10 hours per week	723	17	503	16	219	19	214	18	453	17
			11-15 hours per week	1,349	31	962	31	376	33	398	33	849	31
			16-20 hours per week	1,238	29	899	29	334	29	336	28	787	29
			21-25 hours per week	615	14	482	15	129	11	162	13	392	14
			26-30 hours per week	192	4	155	5	36	3	56	5	112	4
			More than 30 hours per week	124	3	100	3	22	2	21	2	84	3
			Total	4,324	100	3,150	100	1150	100	1219	100	2721	100
b. Working for pay on- or off-campus	fywork		0 hours per week	1,613	37	1,196	38	407	36	376	31	1086	40
			1-5 hours per week	649	15	476	15	170	15	180	15	428	16
			6-10 hours per week	704	16	515	16	184	16	217	18	426	16
			11-15 hours per week	692	16	485	15	204	18	201	16	431	16
			16-20 hours per week	427	10	314	10	112	10	149	12	234	9
			21-25 hours per week	147	3	105	3	40	3	60	5	73	3
			26-30 hours per week	56	1	39	1	16	1	26	2	25	1
			More than 30 hours per week	31	1	19	1	12	1	11	1	16	1
			Total	4,319	100	3,149	100	1145	100	1220	100	2719	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	%	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	86	2	65	2	21	2	29	2	46	2
			1-5 hours per week	610	14	455	14	151	13	203	17	349	13
			6-10 hours per week	1,355	31	983	31	367	32	378	31	844	31
			11-15 hours per week	1,229	28	928	29	296	26	311	25	824	30
			16-20 hours per week	668	15	468	15	193	17	198	16	413	15
			21-25 hours per week	227	5	160	5	67	6	60	5	151	6
			26-30 hours per week	74	2	46	1	26	2	21	2	45	2
			More than 30 hours per week	77	2	51	2	25	2	23	2	47	2
	Total		4,326	100	3,156	100	1146	100	1223	100	2719	100	
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	fysocial13		0 hours per week	6	0	5	0	1	0	3	0	3	0
			1-5 hours per week	498	12	347	11	143	12	184	15	275	10
			6-10 hours per week	1,426	33	1,050	33	368	32	389	32	913	34
			11-15 hours per week	1,333	31	988	31	339	30	346	28	864	32
			16-20 hours per week	677	16	500	16	177	15	201	16	417	15
			21-25 hours per week	235	5	165	5	69	6	65	5	148	5
			26-30 hours per week	65	2	44	1	20	2	17	1	42	2
			More than 30 hours per week	86	2	56	2	30	3	17	1	59	2
	Total		4,326	100	3,155	100	1147	100	1222	100	2721	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	10	0	6	0	4	0	3	0	6	0
			1-5 hours per week	1,059	25	784	25	269	24	287	24	673	25
			6-10 hours per week	1,763	41	1,314	42	441	39	480	40	1130	42
			11-15 hours per week	887	21	623	20	259	23	261	21	559	21
			16-20 hours per week	408	9	289	9	116	10	131	11	230	8
			21-25 hours per week	130	3	89	3	40	4	37	3	87	3
			26-30 hours per week	29	1	22	1	7	1	11	1	15	1
			More than 30 hours per week	21	0	15	0	6	1	5	0	14	1
	Total			4,307	100	3,142	100	1142	100	1215	100	2714	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	%		
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	42	1	32	1	10	1	10	1	28	1
			Sometimes	1,316	30	1,029	33	278	24	357	29	833	31
			Often	1,948	45	1,387	44	554	48	551	45	1213	45
			Very often	1,018	24	708	22	302	26	304	25	650	24
			Total	4,324	100	3,156	100	1144	100	1222	100	2724	100
b. Explain course material to one or more students	fyCLxplain	EXP_CL	Never	53	1	29	1	23	2	24	2	23	1
			Sometimes	1,892	44	1,325	42	553	48	551	45	1129	41
			Often	1,855	43	1,396	44	455	40	492	40	1229	45
			Very often	522	12	405	13	112	10	155	13	342	13
			Total	4,322	100	3,155	100	1143	100	1222	100	2723	100
c. Prepare for exams by discussing or working through course material with other students	fyCLstudy	EXP_CL	Never	15	0	11	0	4	0	3	0	10	0
			Sometimes	612	14	464	15	145	13	175	14	373	14
			Often	2,080	48	1,486	47	582	51	571	47	1321	49
			Very often	1,611	37	1,190	38	412	36	472	39	1017	37
			Total	4,318	100	3,151	100	1143	100	1221	100	2721	100
d. Work with other students on course projects or assignments	fyCLprojct	EXP_CL	Never	33	1	26	1	7	1	9	1	21	1
			Sometimes	814	19	609	19	200	18	218	18	506	19
			Often	2,131	49	1,555	49	568	50	593	49	1345	49
			Very often	1,335	31	958	30	367	32	399	33	847	31
			Total	4,313	100	3,148	100	1142	100	1219	100	2719	100
e. Talk about career plans with a faculty member	fySFcareer	EXP_SFI	Never	57	1	38	1	19	2	21	2	30	1
			Sometimes	1,803	42	1,337	42	456	40	499	41	1147	42
			Often	1,607	37	1,145	36	457	40	444	36	1014	37
			Very often	850	20	632	20	210	18	256	21	529	19
			Total	4,317	100	3,152	100	1142	100	1220	100	2720	100
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	fySFothrwrk	EXP_SFI	Never	198	5	123	4	73	6	59	5	104	4
			Sometimes	2,127	49	1,591	51	529	46	573	47	1362	50
			Often	1,362	32	980	31	373	33	391	32	857	31
			Very often	628	15	454	14	168	15	198	16	398	15
			Total	4,315	100	3,148	100	1143	100	1221	100	2721	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	%		
g. Discuss your academic performance with a faculty member	fySFprform	EXP_SFI	Never	66	2	45	1	20	2	20	2	38	1
			Sometimes	1,817	42	1,352	43	458	40	524	43	1141	42
			Often	1,796	42	1,299	41	488	43	483	40	1154	42
			Very often	622	14	441	14	174	15	193	16	388	14
			Total	4,301	100	3,137	100	1140	100	1220	100	2721	100
h. Discuss course topics, ideas, or concepts with a faculty member outside of class	fySFdiscuss	EXP_SFI	Never	121	3	95	3	26	2	32	3	73	3
			Sometimes	2,067	48	1,525	49	531	47	574	47	1316	48
			Often	1,567	36	1,124	36	438	38	431	35	1006	37
			Very often	545	13	392	13	145	13	184	15	326	12
			Total	4,300	100	3,136	100	1140	100	1221	100	2721	100
i. Prepare two or more drafts of a paper or assignment before turning it in	fydrafting		Never	108	3	77	2	31	3	28	2	67	2
			Sometimes	1,313	31	945	30	359	32	372	30	815	30
			Often	1,911	44	1,393	44	511	45	548	45	1209	44
			Very often	964	22	719	23	238	21	272	22	628	23
			Total	4,296	100	3,134	100	1139	100	1220	100	2719	100
j. Come to class without completing readings or assignments	fyunprepard		Never	3,213	75	2,422	77	775	68	918	75	2025	75
			Sometimes	946	22	637	20	304	27	247	20	623	23
			Often	76	2	43	1	32	3	33	3	39	1
			Very often	60	1	31	1	28	2	22	2	31	1
			Total	4,295	100	3,133	100	1139	100	1220	100	2718	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	23	1	13	0	10	1	9	1	12	0
			Sometimes	681	16	499	16	181	16	176	14	445	16
			Often	1,933	45	1,416	45	507	45	579	47	1192	44
			Very often	1,649	38	1,198	38	438	39	457	37	1065	39
			Total	4,286	100	3,126	100	1136	100	1221	100	2714	100
b. People from an economic background other than your own	fyDVeconomic	EXP_DD	Never	24	1	12	0	12	1	6	0	16	1
			Sometimes	554	13	413	13	139	12	147	12	361	13
			Often	2,062	48	1,506	48	547	48	608	50	1268	47
			Very often	1,647	38	1,196	38	438	39	460	38	1070	39
			Total	4,287	100	3,127	100	1136	100	1221	100	2715	100

	Variable	Scale	Response Options	Self-Reported									
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				Count	%	A- or higher		B+ or lower		Yes		No	
				Count	%	Count	%	Count	%	Count	%		
c. People with religious beliefs other than your own	fyDVreligion	EXP_DD	Never	48	1	29	1	19	2	11	1	31	1
			Sometimes	879	21	660	21	216	19	246	20	563	21
			Often	1,795	42	1,312	42	475	42	531	43	1108	41
			Very often	1,565	37	1,126	36	426	38	433	35	1013	37
			Total	4,287	100	3,127	100	1136	100	1221	100	2715	100
d. People with political views other than your own	fyDVpolitical	EXP_DD	Never	46	1	27	1	18	2	14	1	26	1
			Sometimes	825	19	604	19	218	19	235	19	519	19
			Often	1,800	42	1,330	43	463	41	543	44	1101	41
			Very often	1,615	38	1,166	37	436	38	429	35	1068	39
			Total	4,286	100	3,127	100	1135	100	1221	100	2714	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	29	1	18	1	11	1	11	1	14	1
			2	151	4	100	3	51	4	42	3	93	3
			3	770	18	496	16	270	24	245	20	460	17
			4	1,662	39	1,171	38	478	42	484	40	1053	39
			5	1,075	25	849	27	222	20	288	24	709	26
			6 Very certain	576	14	470	15	103	9	146	12	384	14
Total	4,263	100	3,104	100	1135	100	1216	100	2713	100			
b. Find additional information for course assignments when you don't understand the material	cfindinfo	EXP_PER	1 Not at all certain	12	0	9	0	3	0	6	0	4	0
			2	63	1	38	1	23	2	23	2	39	1
			3	333	8	223	7	108	10	103	8	198	7
			4	1,047	25	710	23	329	29	281	23	678	25
			5	1,588	37	1,163	38	420	37	469	39	995	37
			6 Very certain	1,210	28	955	31	249	22	333	27	793	29
Total	4,253	100	3,098	100	1132	100	1215	100	2707	100			
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	EXP_PER	1 Not at all certain	31	1	25	1	6	1	10	1	19	1
			2	271	6	197	6	73	6	80	7	160	6
			3	927	22	637	21	287	25	266	22	584	22
			4	1,503	35	1,087	35	405	36	440	36	953	35
			5	1,023	24	760	25	257	23	283	23	665	25
			6 Very certain	497	12	389	13	105	9	138	11	328	12
Total	4,252	100	3,095	100	1133	100	1217	100	2709	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. Ask instructors for help when you struggle with course assignments	caskinst	EXP_PER	1 Not at all certain	12	0	8	0	4	0	4	0	6	0
			2	79	2	62	2	16	1	29	2	46	2
			3	355	8	258	8	96	8	105	9	224	8
			4	941	22	676	22	260	23	250	21	603	22
			5	1,477	35	1,056	34	416	37	429	35	943	35
			6 Very certain	1,382	33	1,029	33	341	30	399	33	885	33
			Total	4,246	100	3,089	100	1133	100	1216	100	2707	100
e. Finish something you have started when you encounter challenges	cfinish	EXP_PER	1 Not at all certain	6	0	4	0	2	0	2	0	4	0
			2	21	0	12	0	9	1	8	1	11	0
			3	232	5	150	5	78	7	71	6	139	5
			4	870	21	595	19	270	24	240	20	558	21
			5	1,712	40	1,244	40	459	41	495	41	1088	40
			6 Very certain	1,401	33	1,083	35	312	28	398	33	906	33
			Total	4,242	100	3,088	100	1130	100	1214	100	2706	100
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	EXP_PER	1 Not at all certain	32	1	22	1	10	1	9	1	21	1
			2	152	4	124	4	28	2	32	3	112	4
			3	532	13	392	13	134	12	163	13	336	12
			4	1,156	27	853	28	296	26	320	26	737	27
			5	1,237	29	899	29	332	29	347	29	790	29
			6 Very certain	1,140	27	802	26	333	29	345	28	714	26
			Total	4,249	100	3,092	100	1133	100	1216	100	2710	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	71	2	54	2	16	1	21	2	47	2
			2	315	7	243	8	72	6	86	7	205	8
			3	863	21	626	20	230	21	234	19	576	21
			4	1,796	43	1,300	42	487	43	514	43	1154	43
			5	944	22	675	22	264	24	288	24	574	21
			6 Very difficult	220	5	166	5	52	5	65	5	134	5
			Total	4,209	100	3,064	100	1121	100	1208	100	2690	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. Managing your time	cmantime	EXP_DIF	1 Not at all difficult	96	2	72	2	23	2	33	3	56	2
			2	314	7	247	8	66	6	83	7	212	8
			3	622	15	475	15	141	13	174	14	409	15
			4	1,141	27	834	27	299	27	307	25	740	27
			5	1,272	30	911	30	357	32	388	32	790	29
			6 Very difficult	767	18	527	17	236	21	225	19	485	18
			Total	4,212	100	3,066	100	1122	100	1210	100	2692	100
c. Paying college expenses	cpaycoll		1 Not at all difficult	727	17	502	16	217	19	181	15	496	18
			2	807	19	603	20	202	18	184	15	568	21
			3	795	19	580	19	211	19	195	16	543	20
			4	781	18	581	19	196	17	244	20	481	18
			5	593	14	436	14	154	14	206	17	336	12
			6 Very difficult	522	12	375	12	144	13	203	17	282	10
			Total	4,225	100	3,077	100	1124	100	1213	100	2706	100
d. Getting help with school work	cgethelp	EXP_DIF	1 Not at all difficult	724	17	522	17	195	17	208	17	470	17
			2	1,440	34	1,091	35	346	31	392	32	967	36
			3	1,260	30	925	30	325	29	364	30	796	29
			4	623	15	421	14	200	18	189	16	377	14
			5	140	3	93	3	45	4	44	4	82	3
			6 Very difficult	35	1	24	1	11	1	16	1	15	1
			Total	4,222	100	3,076	100	1122	100	1213	100	2707	100
e. Making new friends	cmakefr		1 Not at all difficult	1,105	26	770	25	325	29	330	27	691	26
			2	1,287	30	941	31	337	30	364	30	835	31
			3	898	21	669	22	227	20	268	22	570	21
			4	558	13	418	14	139	12	147	12	370	14
			5	247	6	184	6	61	5	70	6	163	6
			6 Very difficult	126	3	93	3	33	3	33	3	78	3
			Total	4,221	100	3,075	100	1122	100	1212	100	2707	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	%		
f. Interacting with faculty	cintfac	EXP_DIF	1 Not at all difficult	752	18	518	17	227	20	241	20	461	17
			2	1,161	28	826	27	326	29	322	27	762	28
			3	1,207	29	916	30	289	26	330	27	778	29
			4	790	19	579	19	207	18	231	19	506	19
			5	243	6	186	6	55	5	72	6	157	6
			6 Very difficult	68	2	49	2	19	2	18	1	43	2
			Total	4,221	100	3,074	100	1123	100	1214	100	2707	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	19	0	13	0	6	1	6	1	13	0
			1-2	205	5	149	5	51	5	62	5	132	5
			3-5	1,054	25	746	25	301	27	310	26	669	25
			6-10	1,418	34	1,046	35	365	33	428	36	899	34
			11-15	725	17	507	17	215	20	200	17	473	18
			16-20	362	9	279	9	82	7	91	8	245	9
			More than 20 papers, etc.	371	9	290	10	81	7	103	9	249	9
			Total	4,154	100	3,030	100	1101	100	1200	100	2680	100
b. Between 6 and 10 pages	fyWRmd		None	81	2	67	2	12	1	19	2	53	2
			1-2	721	17	526	17	192	17	191	16	477	18
			3-5	1,623	39	1,188	39	428	39	504	42	1025	38
			6-10	1,141	27	817	27	316	29	312	26	750	28
			11-15	404	10	285	9	118	11	120	10	259	10
			16-20	133	3	104	3	28	3	35	3	89	3
			More than 20 papers, etc.	50	1	39	1	11	1	20	2	27	1
			Total	4,153	100	3,026	100	1105	100	1201	100	2680	100
c. 11 pages or more	fyWRlng		None	447	11	339	11	104	10	112	9	300	11
			1-2	1,889	46	1,397	46	484	44	535	45	1233	46
			3-5	1,098	27	784	26	310	28	324	27	713	27
			6-10	444	11	308	10	132	12	131	11	283	11
			11-15	161	4	117	4	42	4	56	5	88	3
			16-20	46	1	35	1	11	1	20	2	22	1
			More than 20 papers, etc.	33	1	25	1	8	1	13	1	19	1
			Total	4,118	100	3,005	100	1091	100	1191	100	2658	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	25	1	16	1	9	1	11	1	13	0
			2	81	2	47	2	34	3	29	2	43	2
			3	350	8	226	7	121	11	123	10	205	8
			4	1,064	26	748	25	309	28	327	27	660	24
			5	1,286	31	957	32	324	29	359	30	851	32
			6 Very prepared	1,359	33	1,042	34	309	28	362	30	929	34
			Total	4,165	100	3,036	100	1106	100	1211	100	2701	100
b. Speak clearly and effectively	fySGspeak	PER_PREP	1 Not at all prepared	25	1	18	1	7	1	14	1	10	0
			2	112	3	86	3	25	2	36	3	70	3
			3	447	11	324	11	122	11	152	13	266	10
			4	1,056	25	769	25	282	26	326	27	654	24
			5	1,277	31	932	31	335	30	358	30	846	31
			6 Very prepared	1,247	30	907	30	334	30	325	27	854	32
			Total	4,164	100	3,036	100	1105	100	1211	100	2700	100
c. Think critically and analytically	fySGthink	PER_PREP	1 Not at all prepared	9	0	7	0	2	0	5	0	4	0
			2	35	1	21	1	14	1	10	1	21	1
			3	243	6	161	5	81	7	93	8	133	5
			4	897	22	595	20	294	27	290	24	536	20
			5	1,498	36	1,116	37	375	34	424	35	983	36
			6 Very prepared	1,479	36	1,133	37	339	31	389	32	1021	38
			Total	4,161	100	3,033	100	1105	100	1211	100	2698	100
d. Analyze numerical and statistical information	fySGanalyze	PER_PREP	1 Not at all prepared	26	1	17	1	9	1	9	1	16	1
			2	132	3	77	3	55	5	44	4	83	3
			3	453	11	297	10	153	14	145	12	276	10
			4	1,065	26	716	24	341	31	316	26	671	25
			5	1,288	31	966	32	315	29	373	31	840	31
			6 Very prepared	1,194	29	957	32	232	21	322	27	811	30
			Total	4,158	100	3,030	100	1105	100	1209	100	2697	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	10	0	7	0	3	0	4	0	6	0
			2	34	1	22	1	12	1	15	1	17	1
			3	191	5	123	4	68	6	59	5	110	4
			4	727	17	540	18	182	16	215	18	458	17
			5	1,458	35	1,073	35	377	34	403	33	975	36
			6 Very prepared	1,737	42	1,265	42	462	42	514	42	1131	42
			Total	4,157	100	3,030	100	1104	100	1210	100	2697	100
f. Use computing and information technology	cgncompt13	PER_PREP	1 Not at all prepared	20	0	16	1	4	0	6	0	14	1
			2	149	4	101	3	47	4	42	3	101	4
			3	502	12	361	12	138	13	130	11	334	12
			4	1,056	25	770	25	279	25	308	25	671	25
			5	1,198	29	875	29	316	29	349	29	793	29
			6 Very prepared	1,231	30	906	30	320	29	375	31	786	29
			Total	4,156	100	3,029	100	1104	100	1210	100	2699	100
g. Learn effectively on your own	cgningq	PER_PREP	1 Not at all prepared	8	0	5	0	3	0	5	0	3	0
			2	53	1	28	1	24	2	16	1	34	1
			3	282	7	175	6	105	10	92	8	167	6
			4	974	23	663	22	303	27	315	26	587	22
			5	1,374	33	1,017	34	351	32	373	31	927	34
			6 Very prepared	1,464	35	1,142	38	316	29	409	34	980	36
			Total	4,155	100	3,030	100	1102	100	1210	100	2698	100
21a. How many courses are you taking for credit this fall term?	fycourse	0	7	0	4	0	3	0	2	0	5	0	
		1	11	0	8	0	3	0	4	0	5	0	
		2	8	0	5	0	3	0	2	0	4	0	
		3	23	1	13	0	10	1	6	1	14	1	
		4	324	8	259	9	65	6	88	7	211	8	
		5	569	14	449	15	117	11	141	12	391	15	
		6	123	3	108	4	15	1	29	2	84	3	
		7 or more	115	3	89	3	25	2	45	4	68	3	
		Uncertain	2,940	71	2,070	69	852	78	882	74	1900	71	
Total	4,120	100	3,005	100	1093	100	1199	100	2682	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.	Of these courses, how many are entirely online?	fyonline	0	1,334	32	1,054	35	273	25	361	30	895	33	
			1	47	1	37	1	10	1	15	1	27	1	
			2	9	0	5	0	4	0	3	0	4	0	
			3	5	0	2	0	3	0	1	0	2	0	
			4	4	0	3	0	1	0	1	0	3	0	
			5	6	0	2	0	4	0	1	0	3	0	
			6	4	0	3	0	1	0	2	0	2	0	
			7 or more	2	0	1	0	1	0	1	0	1	0	
			Uncertain	2,709	66	1,899	63	795	73	816	68	1744	65	
			Total	4,120	100	3,006	100	1092	100	1201	100	2681	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	36	1	16	1	19	2	14	1	19	1
				2	80	2	48	2	31	3	30	2	48	2
				3	461	11	288	10	171	16	159	13	283	10
				4	1,421	35	989	33	424	39	427	35	942	35
				5	1,272	31	972	33	297	28	343	28	880	32
				6 Very important	816	20	676	23	132	12	240	20	552	20
			Total	4,086	100	2,989	100	1074	100	1213	100	2724	100	
b.	Support to help students succeed academically	fySEacad	IMP_CAMP	1 Not important	11	0	5	0	6	1	6	0	4	0
				2	20	0	12	0	8	1	8	1	10	0
				3	161	4	91	3	69	6	50	4	104	4
				4	644	16	435	15	204	19	212	17	407	15
				5	1,204	30	890	30	312	29	324	27	834	31
				6 Very important	2,035	50	1,547	52	473	44	613	51	1360	50
			Total	4,075	100	2,980	100	1072	100	1213	100	2719	100	
c.	Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	fySEdiv	IMP_CAMP	1 Not important	73	2	52	2	21	2	21	2	46	2
				2	184	5	136	5	47	4	45	4	132	5
				3	537	13	402	14	132	12	139	11	385	14
				4	1,046	26	756	25	287	27	333	27	682	25
				5	1,095	27	798	27	294	28	307	25	742	27
				6 Very important	1,130	28	833	28	284	27	366	30	731	27
			Total	4,065	100	2,977	100	1065	100	1211	100	2718	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. Help managing your non-academic responsibilities (work, family, etc.)	fySEacad	IMP_CAMP	1 Not important	67	2	56	2	11	1	21	2	44	2
			2	225	6	171	6	53	5	51	4	164	6
			3	560	14	409	14	148	14	163	13	385	14
			4	1,161	29	829	28	325	31	320	26	803	30
			5	1,107	27	822	28	282	27	357	29	716	26
			6 Very important	937	23	686	23	242	23	300	25	602	22
			Total	4,057	100	2,973	100	1061	100	1212	100	2714	100
e. Opportunities to be involved socially	fySEsoc	IMP_CAMP	1 Not important	26	1	19	1	7	1	13	1	12	0
			2	72	2	58	2	14	1	24	2	47	2
			3	248	6	180	6	66	6	70	6	165	6
			4	801	20	568	19	229	22	262	22	507	19
			5	1,369	34	997	34	366	34	404	33	921	34
			6 Very important	1,535	38	1,144	39	380	36	435	36	1061	39
			Total	4,051	100	2,966	100	1062	100	1208	100	2713	100
f. Opportunities to attend campus activities and events	fySEact	IMP_CAMP	1 Not important	18	0	10	0	8	1	10	1	7	0
			2	51	1	41	1	10	1	19	2	32	1
			3	238	6	171	6	67	6	73	6	155	6
			4	765	19	540	18	220	21	254	21	484	18
			5	1,280	32	930	31	343	32	361	30	875	32
			6 Very important	1,691	42	1,270	43	410	39	490	41	1158	43
			Total	4,043	100	2,962	100	1058	100	1207	100	2711	100
g. Learning support services (tutoring services, writing center, etc.)	fySEserv	IMP_CAMP	1 Not important	15	0	9	0	6	1	9	1	5	0
			2	66	2	53	2	13	1	16	1	48	2
			3	268	7	200	7	68	6	79	7	180	7
			4	747	18	540	18	202	19	235	19	485	18
			5	1,237	31	892	30	341	32	354	29	845	31
			6 Very important	1,711	42	1,269	43	429	41	515	43	1150	42
			Total	4,044	100	2,963	100	1059	100	1208	100	2713	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	%
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	3,746	93	2,758	94	968	93	1066	89	2580	95
			Not using	130	3	97	3	33	3	63	5	63	2
			Not sure	133	3	94	3	39	4	64	5	65	2
			Total	4,009	100	2,949	100	1040	100	1193	100	2708	100
b. Loans	fyloans		Using	1,256	33	883	32	366	37	451	40	768	30
			Not using	1,755	46	1,339	48	408	42	440	39	1278	50
			Not sure	778	21	565	20	209	21	246	22	510	20
			Total	3,789	100	2,787	100	983	100	1137	100	2556	100
c. Grants or scholarships	fygrants		Using	2,905	74	2,396	83	497	50	810	69	2026	77
			Not using	627	16	293	10	331	33	211	18	395	15
			Not sure	374	10	205	7	163	16	145	12	218	8
			Total	3,906	100	2,894	100	991	100	1166	100	2639	100
d. Job or personal savings	fyjob		Using	2,109	55	1,573	56	528	54	658	57	1399	54
			Not using	1,102	29	811	29	283	29	302	26	768	30
			Not sure	615	16	437	15	174	18	187	16	413	16
			Total	3,826	100	2,821	100	985	100	1147	100	2580	100
e. Other	fyother		Using	335	11	240	11	93	12	115	13	205	10
			Not using	1,338	45	984	45	346	44	361	40	946	47
			Not sure	1,323	44	972	44	344	44	434	48	861	43
			Total	2,996	100	2,196	100	783	100	910	100	2012	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	2	0	0	0	2	0	1	0	1	0
			C+	26	1	6	0	20	2	6	1	18	1
			B-	129	3	61	2	67	6	54	5	70	3
			B	567	14	268	9	296	28	214	18	337	12
			B+	791	20	468	16	317	30	234	20	532	20
			A-	1,575	39	1,334	45	237	23	469	39	1071	40
			A	905	23	799	27	103	10	215	18	676	25
			Grades not used	0	0	0	0	0	0	0	0	0	0
			Total	3,995	100	2,936	100	1042	100	1193	100	2705	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	%		
25. Do you expect to graduate from this institution?	fyintgrad		No	8	0	6	0	2	0	4	0	4	0
			Yes	3,925	98	2,903	98	1000	96	1172	98	2666	98
			Uncertain	81	2	44	1	37	4	26	2	54	2
			Total	4,014	100	2,953	100	1039	100	1202	100	2724	100
26. Do you know what your major will be?	fymajor		No	498	12	329	11	165	16	148	12	335	12
			Yes, specify:	3,509	88	2,619	89	871	84	1061	88	2375	88
			Total	4,007	100	2,948	100	1036	100	1209	100	2710	100
Recorded variable <i>fymajcode</i> into one of 12 major categories listed at right	fymajrcol		Arts & Humanities	227	8	151	7	74	10	77	9	147	7
			Biological Sciences, Agriculture, & Natural Resources	340	12	259	12	79	11	97	12	239	12
			Physical Sciences, Mathematics, & Computer Science	103	4	80	4	23	3	33	4	69	4
			Social Sciences	143	5	92	4	51	7	42	5	99	5
			Business	489	17	299	14	186	26	132	16	342	17
			Communications, Media & Public Relations	105	4	62	3	42	6	36	4	66	3
			Education	94	3	59	3	33	5	35	4	57	3
			Engineering	762	27	622	29	137	19	213	25	534	27
			Health Professions	568	20	472	22	93	13	168	20	392	20
			Social Service Professions	8	0	4	0	4	1	2	0	6	0
			All Other	16	1	9	0	7	1	3	0	12	1
			Undecided/undeclared	3	0	3	0	0	0	2	0	0	0
			Total	2,858	100	2,112	100	729	100	840	100	1963	100
27. Are you (or will you be) a full-time student this fall term?	fyfulltime		No	29	1	17	1	12	1	11	1	18	1
			Yes	3,974	99	2,925	99	1027	99	1206	99	2706	99
			Total	4,003	100	2,942	100	1039	100	1217	100	2724	100
28. How many of your close friends will attend this college during the coming year?	fyfriends		None	1,045	26	728	25	311	30	367	30	661	24
			1	524	13	393	13	129	12	149	12	366	13
			2	461	12	355	12	105	10	127	10	328	12
			3	342	9	248	8	90	9	93	8	244	9
			4 or more	1,634	41	1,219	41	407	39	483	40	1136	42
			Total	4,006	100	2,943	100	1042	100	1219	100	2735	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	%		
29. This institution was your:	fychoice		First choice	3,317	83	2,464	84	837	80	1021	84	2255	82
			Second choice	546	14	375	13	168	16	167	14	370	14
			Third choice	92	2	64	2	28	3	22	2	70	3
			Fourth choice	28	1	21	1	6	1	7	1	21	1
			Fifth choice or lower	22	1	17	1	4	0	4	0	18	1
			Total	4,005	100	2,941	100	1043	100	1221	100	2734	100
30. What is your gender identity?	fygender		Man	1,844	45	1,261	42	576	54	563	46	1251	45
			Women	2,207	54	1708	57	485	46	672	54	1499	54
			Another gender identity	6	0	4	0	2	0	2	0	3	0
			Prefer not to respond	3	0	1	0	2	0	0	0	3	0
			Total	4,060	100	2,974	100	1065	100	1237	100	2756	100
31. Are you an international student or foreign national?	fyinternat		No	3,978	99	2,920	99	1037	99	1223	99	2719	99
			Yes	35	1	21	1	14	1	8	1	25	1
			Total	4,013	100	2,941	100	1051	100	1231	100	2744	100
32. What is your racial or ethnic identification? (recoded as mutually exclusive with addition of multiracial variable)	FYrace		American Indian or Alaska Native	12	0	5	0	6	1	6	0	6	0
			Asian	93	2	69	2	22	2	39	3	54	2
			Black or African American	202	5	130	4	70	7	92	7	109	4
			Hispanic or Latino	64	2	41	1	23	2	25	2	38	1
			Native Hawaiian or Other Pacific Islander	4	0	3	0	1	0	2	0	2	0
			White	3,386	84	2,517	85	854	81	983	79	2379	86
			Multiracial	225	6	161	5	63	6	82	7	139	5
			Other	11	0	5	0	6	1	3	0	8	0
			I prefer not to respond	28	1	18	1	10	1	6	0	22	1

	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	%		
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	14	0	7	0	6	1	14	1	0	0
			High school diploma or G.E.D.	903	23	599	20	302	29	903	73	0	0
			Attended college but did not complete degree	149	4	105	4	41	4	149	12	0	0
			Associate's degree (A.A., A.S., etc.)	173	4	126	4	47	4	173	14	0	0
			Bachelor's degree (B.A., B.S., etc.)	1,273	32	949	32	318	30	0	0	1273	46
			Master's degree (M.A., M.S., etc.)	1,062	27	810	28	244	23	0	0	1062	39
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	423	11	335	11	87	8	0	0	423	15
			Total	3,997	100	2,931	100	1045	100	1239	100	2758	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	463	12	351	12	109	11	166	14	295	11
			At least 1, less than 2 hours	586	15	424	15	160	15	172	14	413	15
			At least 2, less than 4 hours	1,648	41	1,288	44	351	34	510	42	1135	41
			At least 4, less than 6 hours	514	13	390	13	123	12	143	12	369	13
			At least 6, less than 8 hours	191	5	122	4	69	7	61	5	129	5
			8 hours or more	573	14	346	12	222	21	172	14	400	15
			Total	3,975	100	2,921	100	1034	100	1224	100	2741	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	2,596	66	1,921	66	663	65	729	60	1860	68
			Residence (house, apartment, etc.) within walking distance to campus	787	20	562	19	221	22	247	20	538	20
			Residence (house, apartment, etc.) farther than walking distance to campus	523	13	399	14	121	12	220	18	302	11
			None of the above	35	1	21	1	14	1	13	1	21	1
			Total	3,941	100	2,903	100	1019	100	1209	100	2721	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	.17	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 2016 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	33.50	14.24	3,921	33.83	32.49	**	.09	32.95	33.90		-.07
Learning Strategies <i>Use of effective learning strategies in high school</i>	HS_LS	39.35	12.98	3,921	39.94	37.64	***	.18	39.12	39.56		-.03
Collaborative Learning <i>Expectation to interact and collaborate with peers</i>	EXP_CL	39.69	10.81	3,921	39.62	39.88		-.03	39.76	39.73		.00
Student-Faculty Interaction <i>Expectation to interaction and engage with faculty</i>	EXP_SFI	33.05	12.26	3,921	32.98	33.20		-.02	33.31	33.02		.02
Expected Discussions with Diverse Others <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	43.81	13.03	3,921	43.80	43.76		.00	43.71	44.00		-.02
Expected Academic Perseverance <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	43.39	8.49	3,921	43.80	42.27	***	.18	43.18	43.52		-.04
Expected Academic Difficulty <i>Expected academic difficulty during the first year of college</i>	EXP_DIF	28.54	9.25	3,921	28.37	29.06	*	-.08	28.91	28.26	*	.07

BCSSE 2016 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	46.31	8.69	3,921	46.79	44.98	***	.21	45.47	46.75	***	-.15
Importance of Campus Environment <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	45.98	9.33	3,921	46.31	45.03	***	.14	45.88	46.07		-.02

^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, hLSsummy
<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