



BCSSE Institutional Report

Indiana University Bloomington

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	
		Count	%
Number of Surveys Completed		4404	100
<i>Mode of Completion</i>			
	Paper	0	0
	Web	4404	100
Student Characteristics			
<i>Enrollment Status</i>			
	Full-time	3876	99
	Less than full-time	32	1
<i>Gender</i>			
	Man	1717	44
	Women	2124	54
	Another gender identity	25	1
	Prefer not to respond	36	1
<i>Race/Ethnicity (Select all that apply)</i>			
	American Indian or Alaska Native	5	0
	Asian	434	11
	Black or African American	91	2
	Hispanic or Latino	117	3
	Native Hawaiian or Other Pacific Islander	11	0
	White	2880	74
	Other	16	0
	Multiracial	278	7
	I prefer not to respond	71	2
<i>High School Graduation Year</i>			
	2014 or earlier	41	1
	2015	34	1
	2016	134	3
	2017	4183	95
<i>First Generation Status^b</i>			
	Yes	1113	29
	No	2791	71
<i>International or Foreign National Student</i>			
	Yes	278	7
	No	3620	93

a. Student reported characteristics for all BCSSE 2017 respondents.

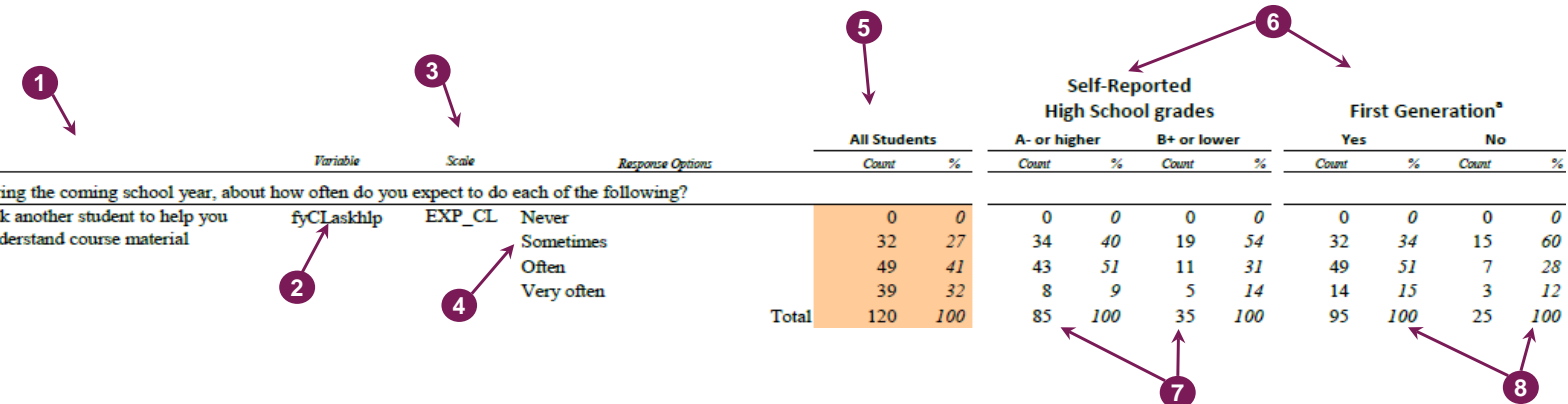
b. First-Generation Status (neither parent or anyone who raised you holds a bachelor's degree).



BCSSE Institutional Report

Frequency Distributions

Indiana University Bloomington



	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	41	1	21	1	17	2	17	2	17	1
			2015	34	1	19	1	14	1	10	1	14	1
			2016	134	3	79	2	53	5	44	4	63	2
			2017	4,183	95	3,188	96	964	92	1040	94	2694	97
			Total	4,392	100	3,307	100	1048	100	1111	100	2788	100
2. From which type of high school did you graduate? (Select only one.)	htype13		Public	3,030	85	2,310	85	710	84	786	87	1963	85
			Private, religiously-affiliated	392	11	290	11	101	12	80	9	270	12
			Private, not religiously affiliated	60	2	35	1	21	2	13	1	37	2
			Home school	7	0	6	0	1	0	1	0	4	0
			Other (e.g., G.E.D.)	90	3	64	2	14	2	23	3	46	2
			Total	3,579	100	2,705	100	847	100	903	100	2320	100
3. What were most of your high school grades? (Select only one.)	hgrades17		C- or lower	0	0	0	0	0	0	0	0	0	0
			C	6	0	0	0	6	1	1	0	2	0
			C+	7	0	0	0	7	1	4	0	1	0
			B-	36	1	0	0	36	3	15	1	17	1
			B	347	8	0	0	347	33	96	9	196	7
			B+	652	15	0	0	652	62	160	14	412	15
			A-	1,025	23	1,025	31	0	0	258	23	659	24
			A	2,020	46	2,020	61	0	0	513	46	1301	47
			A+	267	6	267	8	0	0	58	5	185	7
			Grades not used	23	1	0	0	0	0	6	1	12	0
Total	4,383	100	3,312	100	1048	100	1111	100	2785	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	4,028	94	3,075	94	929	91	998	91	2609	95
b. Pre-calculus/Trigonometry	hprecalc13		Selected	3,940	92	3,048	94	870	86	980	89	2545	92
c. Calculus	hcalc13		Selected	2,391	57	1,997	62	380	38	543	50	1622	59
d. Probability or Statistics	hstats13		Selected	1,441	34	1,103	35	324	33	307	28	991	36

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. 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	31	1	21	1	10	1	14	1	14	1	
Score variable sat_act into categories		901-1000	60	1	37	1	23	2	26	2	30	1	
		1001-1100	278	7	180	6	97	10	112	11	137	5	
		1101-1200	781	19	525	17	253	26	288	28	431	16	
<i>Note - SAT scores from prior to March 2016 were recoded to the new SAT score range.</i>		1201-1300	1,001	24	724	23	272	28	282	27	635	23	
		1301-1400	1,030	25	828	27	194	20	204	20	734	27	
		1401-1600	913	22	790	25	114	12	119	11	729	27	
		Total	4,094	100	3,105	100	963	100	1045	100	2710	100	
6. During high school, how many of the following types of classes did you complete?													
a. Advanced Placement (AP) classes	hapc113	0	582	14	380	12	189	19	202	19	312	11	
		1-2	1,035	25	718	22	316	32	305	28	625	23	
		3-4	1,038	25	802	25	232	23	254	23	690	25	
		5-6	783	19	644	20	137	14	197	18	534	19	
		7-8	436	10	358	11	78	8	76	7	335	12	
		9-10	210	5	175	5	34	3	40	4	159	6	
		11 or more	127	3	115	4	10	1	16	1	102	4	
		Total	4,211	100	3,192	100	996	100	1090	100	2757	100	
b. College or university courses for credit	hdc17	0	1,418	34	973	31	431	44	287	27	996	37	
		1-2	1,106	27	820	26	284	29	275	26	740	28	
		3-4	745	18	596	19	147	15	225	21	452	17	
		5-6	383	9	328	11	54	6	136	13	225	8	
		7-8	205	5	181	6	24	2	74	7	113	4	
		9-10	90	2	78	3	12	1	29	3	59	2	
		11 or more	169	4	144	5	23	2	49	5	103	4	
		Total	4,116	100	3,120	100	975	100	1075	100	2688	100	
c. International Baccalaureate (IB)	hib17	0	3,648	90	2,754	90	878	90	971	92	2366	89	
		1-2	200	5	154	5	46	5	39	4	146	5	
		3-4	58	1	46	1	11	1	16	2	34	1	
		5-6	91	2	62	2	23	2	18	2	63	2	
		7-8	46	1	34	1	11	1	6	1	36	1	
		9-10	13	0	11	0	2	0	1	0	11	0	
		11 or more	15	0	13	0	2	0	3	0	11	0	
		Total	4,071	100	3,074	100	973	100	1054	100	2667	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	157	4	112	4	43	4	44	4	97	4
		1-2	741	18	539	17	200	20	217	20	467	17
		3-5	1,313	31	993	31	317	32	340	31	859	31
		6-10	932	22	706	22	217	22	249	22	603	22
		11-15	457	11	354	11	102	10	124	11	297	11
		16-20	203	5	160	5	41	4	45	4	141	5
		More than 20 papers, etc.	419	10	329	10	85	8	88	8	303	11
		Total	4,222	100	3,193	100	1005	100	1107	100	2767	100
b. Between 6 and 10 pages	hWRmd	None	1,019	24	749	24	263	26	279	26	660	24
		1-2	1,918	46	1,460	46	453	46	497	46	1277	46
		3-5	850	20	659	21	184	18	208	19	567	21
		6-10	272	7	202	6	66	7	69	6	178	6
		11-15	62	1	46	1	16	2	16	1	35	1
		16-20	29	1	21	1	7	1	9	1	18	1
		More than 20 papers, etc.	28	1	22	1	6	1	11	1	12	0
		Total	4,178	100	3,159	100	995	100	1089	100	2747	100
c. 11 pages or more	hWRlng	None	2,679	64	1,990	63	681	69	719	66	1750	64
		1-2	1,229	30	964	31	254	26	294	27	837	31
		3-5	180	4	135	4	41	4	56	5	104	4
		6-10	41	1	31	1	8	1	8	1	27	1
		11-15	17	0	16	1	1	0	8	1	8	0
		16-20	7	0	5	0	2	0	3	0	3	0
		More than 20 papers, etc.	10	0	8	0	2	0	4	0	5	0
		Total	4,163	100	3,149	100	989	100	1092	100	2734	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	64	2	40	1	24	2	22	2	31	1
		1-5 hours per week	1,331	32	961	30	365	37	382	34	842	30
		6-10 hours per week	1,254	30	945	30	308	31	324	29	834	30
		11-15 hours per week	745	18	578	18	163	16	178	16	507	18
		16-20 hours per week	437	10	348	11	83	8	107	10	299	11
		21-25 hours per week	205	5	166	5	36	4	51	5	141	5
		26-30 hours per week	69	2	58	2	10	1	17	2	49	2
		More than 30	112	3	97	3	11	1	27	2	79	3
		Total	4,217	100	3,193	100	1000	100	1108	100	2782	100
b. Working for pay	hwork	0 hours per week	1,553	37	1,172	37	362	36	355	32	1073	39
		1-5 hours per week	529	13	410	13	117	12	114	10	374	13
		6-10 hours per week	615	15	472	15	141	14	147	13	430	16
		11-15 hours per week	583	14	452	14	131	13	154	14	378	14
		16-20 hours per week	498	12	368	12	128	13	153	14	301	11
		21-25 hours per week	252	6	190	6	62	6	104	9	132	5
		26-30 hours per week	102	2	68	2	34	3	47	4	49	2
		More than 30	76	2	52	2	24	2	35	3	37	1
		Total	4,208	100	3,184	100	999	100	1109	100	2774	100
c. Participating in co-curricular activities (organizations, school publications, student government, sports, etc.)	hcocurr	0 hours per week	186	4	128	4	57	6	61	6	107	4
		1-5 hours per week	894	21	635	20	250	25	256	23	564	20
		6-10 hours per week	841	20	632	20	204	20	225	20	542	20
		11-15 hours per week	909	22	703	22	201	20	207	19	639	23
		16-20 hours per week	712	17	559	18	151	15	182	16	482	17
		21-25 hours per week	343	8	275	9	67	7	82	7	237	9
		26-30 hours per week	125	3	98	3	26	3	38	3	76	3
		More than 30	196	5	155	5	40	4	56	5	132	5
		Total	4,206	100	3,185	100	996	100	1107	100	2779	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	15	0	13	0	2	0	5	0	6	0
			1-5 hours per week	851	20	657	21	191	19	258	23	534	19
			6-10 hours per week	1,343	32	1,043	33	294	29	323	29	934	34
			11-15 hours per week	976	23	731	23	238	24	252	23	642	23
			16-20 hours per week	540	13	397	12	137	14	140	13	355	13
			21-25 hours per week	226	5	174	5	51	5	65	6	140	5
			26-30 hours per week	78	2	52	2	26	3	22	2	48	2
			More than 30	175	4	114	4	59	6	40	4	119	4
			Total	4,204	100	3,181	100	998	100	1105	100	2778	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	832	20	600	19	224	22	211	19	559	20
			Some	2,055	49	1,581	50	466	47	537	49	1373	49
			About half	949	23	725	23	218	22	254	23	611	22
			Most	322	8	238	7	82	8	92	8	205	7
			Almost all	44	1	36	1	8	1	13	1	29	1
			Total	4,202	100	3,180	100	998	100	1107	100	2777	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	1,672	40	1,407	44	258	26	417	38	1158	42
			Sometimes	2,002	48	1,416	45	575	58	549	50	1302	47
			Often	295	7	192	6	100	10	77	7	184	7
			Very often	224	5	158	5	63	6	64	6	134	5
			Total	4,193	100	3,173	100	996	100	1107	100	2778	100
b. Prepared two or more drafts of a paper or assignment before turning it in	hdrafting		Never	645	15	469	15	171	17	173	16	418	15
			Sometimes	1,775	42	1,333	42	434	44	461	42	1185	43
			Often	1,285	31	979	31	297	30	350	32	848	31
			Very often	479	11	384	12	92	9	122	11	325	12
			Total	4,184	100	3,165	100	994	100	1106	100	2776	100
c. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	hQRconclud	HS_QR	Never	258	6	195	6	63	6	77	7	167	6
			Sometimes	1,292	31	942	30	340	34	368	33	826	30
			Often	1,780	43	1,354	43	417	42	441	40	1204	43
			Very often	849	20	675	21	168	17	221	20	580	21
			Total	4,179	100	3,166	100	988	100	1107	100	2777	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	494	12	373	12	117	12	141	13	322	12
			Sometimes	1,670	40	1,263	40	401	40	442	40	1121	40
			Often	1,421	34	1,070	34	340	34	366	33	953	34
			Very often	590	14	451	14	135	14	157	14	381	14
			Total	4,175	100	3,157	100	993	100	1106	100	2777	100
e. Evaluated what others have concluded from numerical information	hQRrevaluat	HS_QR	Never	413	10	297	9	112	11	123	11	265	10
			Sometimes	1,693	41	1,293	41	392	40	449	40	1147	41
			Often	1,548	37	1,163	37	378	38	386	35	1033	37
			Very often	521	12	405	13	110	11	152	14	333	12
			Total	4,175	100	3,158	100	992	100	1110	100	2778	100
f. Identified key information from reading assignments	hLSreading	HS_LS	Never	54	1	37	1	16	2	20	2	30	1
			Sometimes	789	19	551	17	235	24	230	21	488	18
			Often	1,914	46	1,455	46	448	45	501	45	1276	46
			Very often	1,415	34	1,115	35	290	29	357	32	984	35
			Total	4,172	100	3,158	100	989	100	1108	100	2778	100
g. Reviewed your notes after class	hLSnotes	HS_LS	Never	208	5	155	5	52	5	47	4	143	5
			Sometimes	1,380	33	1,002	32	365	37	336	30	953	34
			Often	1,591	38	1,212	38	371	38	452	41	1021	37
			Very often	997	24	793	25	201	20	274	25	664	24
			Total	4,176	100	3,162	100	989	100	1109	100	2781	100
h. Summarized what you learned in class or from course materials	hLSsummry	HS_LS	Never	204	5	143	5	57	6	48	4	140	5
			Sometimes	1,334	32	991	31	333	34	343	31	908	33
			Often	1,778	43	1,364	43	408	41	488	44	1154	42
			Very often	854	20	661	21	188	19	229	21	574	21
			Total	4,170	100	3,159	100	986	100	1108	100	2776	100
i. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	hRIdivers		Never	255	6	180	6	73	7	89	8	147	5
			Sometimes	1,477	35	1,131	36	339	34	400	36	974	35
			Often	1,506	36	1,154	37	340	34	388	35	1013	36
			Very often	936	22	695	22	237	24	233	21	645	23
			Total	4,174	100	3,160	100	989	100	1110	100	2779	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	189	5	143	5	45	5	52	5	127	5
			Sometimes	1,323	32	1,015	32	301	31	356	32	882	32
			Often	1,801	43	1,347	43	442	45	482	43	1189	43
			Very often	857	21	654	21	198	20	219	20	583	21
			Total	4,170	100	3,159	100	986	100	1109	100	2781	100
k. Tried to better understand someone else's views by imagining how an issue looks from their perspective	hRIperspct		Never	83	2	59	2	24	2	19	2	55	2
			Sometimes	1,071	26	813	26	252	26	296	27	703	25
			Often	1,863	45	1,422	45	431	44	491	44	1243	45
			Very often	1,147	28	862	27	277	28	302	27	774	28
			Total	4,164	100	3,156	100	984	100	1108	100	2775	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	1,539	37	1,154	37	378	38	384	35	1062	38
			Very little	709	17	541	17	161	16	199	18	456	16
			Some	542	13	408	13	133	14	162	15	338	12
			Quite a bit	411	10	300	10	104	11	127	11	250	9
			Very much	957	23	745	24	209	21	236	21	668	24
			Total	4,158	100	3,148	100	985	100	1108	100	2774	100
b. Athletic teams (varsity, JV, club sport, etc.)	hinvathl		Not at all	827	20	620	20	202	20	235	21	539	19
			Very little	350	8	259	8	86	9	105	9	217	8
			Some	620	15	462	15	152	15	184	17	375	13
			Quite a bit	683	16	523	17	157	16	188	17	456	16
			Very much	1,692	41	1,295	41	391	40	398	36	1198	43
			Total	4,172	100	3,159	100	988	100	1110	100	2785	100
c. Student government	hstugov		Not at all	2,201	53	1,591	50	600	61	532	48	1520	55
			Very little	628	15	473	15	149	15	186	17	406	15
			Some	579	14	453	14	124	13	182	16	350	13
			Quite a bit	359	9	291	9	63	6	108	10	224	8
			Very much	400	10	346	11	52	5	104	9	278	10
			Total	4,167	100	3,154	100	988	100	1112	100	2778	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	2,785	67	2,088	66	685	69	715	64	1908	69
			Very little	585	14	455	14	123	12	168	15	375	13
			Some	346	8	263	8	82	8	97	9	214	8
			Quite a bit	193	5	151	5	39	4	66	6	106	4
			Very much	259	6	199	6	58	6	67	6	175	6
			Total	4,168	100	3,156	100	987	100	1113	100	2778	100
e. Academic clubs or honor societies	hinvhon13		Not at all	733	18	367	12	358	36	216	19	449	16
			Very little	407	10	249	8	155	16	112	10	267	10
			Some	924	22	676	21	242	25	230	21	625	22
			Quite a bit	1,019	24	878	28	137	14	247	22	710	26
			Very much	1,081	26	987	31	91	9	303	27	729	26
			Total	4,164	100	3,157	100	983	100	1108	100	2780	100
f. Vocational clubs (business, health, technology, etc.)	hinvvcl		Not at all	2,165	52	1,587	50	567	57	577	52	1454	52
			Very little	634	15	489	16	141	14	176	16	411	15
			Some	649	16	504	16	140	14	173	16	427	15
			Quite a bit	356	9	273	9	79	8	96	9	234	8
			Very much	361	9	299	9	61	6	88	8	253	9
			Total	4,165	100	3,152	100	988	100	1110	100	2779	100
g. Religious youth groups	hrelgrp		Not at all	2,326	56	1,706	54	600	61	641	58	1534	55
			Very little	508	12	397	13	111	11	135	12	353	13
			Some	587	14	469	15	118	12	153	14	378	14
			Quite a bit	364	9	302	10	61	6	84	8	258	9
			Very much	372	9	277	9	93	9	92	8	251	9
			Total	4,157	100	3,151	100	983	100	1105	100	2774	100
h. Community service or volunteer work	hvolntr		Not at all	271	7	175	6	96	10	92	8	154	6
			Very little	409	10	270	9	138	14	114	10	270	10
			Some	1,209	29	885	28	315	32	339	31	792	29
			Quite a bit	1,195	29	957	31	231	23	285	26	829	30
			Very much	1,060	26	843	27	209	21	269	24	721	26
			Total	4,144	100	3,130	100	989	100	1099	100	2766	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	36	1	24	1	12	1	12	1	18	1
			2	142	3	101	3	41	4	38	3	89	3
			3	332	8	237	8	93	9	96	9	204	7
			4	868	21	643	20	222	22	240	22	566	20
			5	1,493	36	1,132	36	355	36	383	35	1026	37
			6	887	21	697	22	182	18	218	20	615	22
			7 Very much	410	10	321	10	83	8	123	11	264	9
			Total	4,168	100	3,155	100	988	100	1110	100	2782	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	12	0	8	0	4	0	5	0	6	0
			1-5 hours per week	115	3	73	2	41	4	44	4	64	2
			6-10 hours per week	498	13	364	12	131	14	143	13	335	12
			11-15 hours per week	933	23	709	23	222	24	304	27	604	22
			16-20 hours per week	1,152	29	881	29	262	28	288	26	843	30
			21-25 hours per week	722	18	571	19	147	16	185	17	521	19
			26-30 hours per week	310	8	231	8	75	8	82	7	224	8
			More than 30	237	6	187	6	47	5	57	5	174	6
			Total	3,979	100	3,024	100	929	100	1108	100	2771	100
b. Working for pay on- or off-campus	fywork		0 hours per week	1,447	36	1,103	37	332	36	291	26	1117	40
			1-5 hours per week	580	15	444	15	133	14	140	13	424	15
			6-10 hours per week	801	20	626	21	168	18	231	21	555	20
			11-15 hours per week	614	15	479	16	132	14	217	20	383	14
			16-20 hours per week	368	9	263	9	104	11	151	14	209	8
			21-25 hours per week	103	3	72	2	31	3	46	4	56	2
			26-30 hours per week	32	1	22	1	10	1	16	1	15	1
			More than 30	27	1	11	0	16	2	14	1	12	0
			Total	3,972	100	3,020	100	926	100	1106	100	2771	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	98	2	58	2	39	4	32	3	61	2
			1-5 hours per week	806	20	615	20	188	20	247	22	536	19
			6-10 hours per week	1,364	34	1,045	35	310	33	376	34	963	35
			11-15 hours per week	973	24	750	25	218	24	265	24	687	25
			16-20 hours per week	471	12	355	12	114	12	118	11	344	12
			21-25 hours per week	154	4	121	4	28	3	41	4	108	4
			26-30 hours per week	45	1	33	1	12	1	11	1	33	1
			More than 30	65	2	46	2	18	2	16	1	48	2
	Total		3,976	100	3,023	100	927	100	1106	100	2780	100	
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	fysocial13		0 hours per week	18	0	12	0	6	1	6	1	11	0
			1-5 hours per week	564	14	439	15	120	13	188	17	365	13
			6-10 hours per week	1,406	35	1,073	35	322	35	424	38	948	34
			11-15 hours per week	1,136	29	862	29	269	29	283	26	828	30
			16-20 hours per week	561	14	434	14	124	13	149	13	400	14
			21-25 hours per week	182	5	133	4	48	5	36	3	142	5
			26-30 hours per week	43	1	34	1	9	1	6	1	37	1
			More than 30	68	2	37	1	30	3	17	2	49	2
	Total		3,978	100	3,024	100	928	100	1109	100	2780	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	83	2	56	2	27	3	25	2	56	2
			Some	828	21	625	21	200	22	209	19	602	22
			About half	1,594	40	1,220	40	364	39	443	40	1116	40
			Most	1,204	30	923	31	270	29	353	32	829	30
			Almost all	259	7	193	6	64	7	80	7	174	6
	Total			3,968	100	3,017	100	925	100	1110	100	2777	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	34	1	26	1	8	1	10	1	24	1
			Sometimes	1,210	30	942	31	258	28	320	29	865	31
			Often	1,860	47	1,395	46	453	49	526	47	1296	47
			Very often	866	22	656	22	206	22	256	23	595	21
	Total			3,970	100	3,019	100	925	100	1112	100	2780	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	27	1	15	0	12	1	8	1	19	1
			Sometimes	1,362	34	993	33	362	39	385	35	948	34
			Often	1,963	49	1,520	50	432	47	538	48	1389	50
			Very often	615	16	489	16	118	13	180	16	424	15
			Total	3,967	100	3,017	100	924	100	1111	100	2780	100
c. Prepare for exams by discussing or working through course material with other students	fyCLstudy	EXP_CL	Never	25	1	16	1	7	1	12	1	12	0
			Sometimes	713	18	533	18	173	19	208	19	486	18
			Often	2,053	52	1,571	52	471	51	554	50	1459	53
			Very often	1,173	30	896	30	271	29	337	30	820	30
			Total	3,964	100	3,016	100	922	100	1111	100	2777	100
d. Work with other students on course projects or assignments	fyCLprojct	EXP_CL	Never	23	1	16	1	7	1	10	1	11	0
			Sometimes	823	21	628	21	189	20	232	21	569	20
			Often	1,990	50	1,500	50	477	52	564	51	1389	50
			Very often	1,128	28	870	29	251	27	304	27	808	29
			Total	3,964	100	3,014	100	924	100	1110	100	2777	100
e. Talk about career plans with a faculty member	fySFcareer	EXP_SFI	Never	34	1	18	1	15	2	14	1	20	1
			Sometimes	1,324	33	994	33	322	35	355	32	938	34
			Often	1,757	44	1,364	45	383	41	504	45	1223	44
			Very often	847	21	637	21	203	22	238	21	593	21
			Total	3,962	100	3,013	100	923	100	1111	100	2774	100
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	fySFothrwrk	EXP_SFI	Never	152	4	91	3	58	6	51	5	97	3
			Sometimes	1,874	47	1,427	47	438	48	481	43	1363	49
			Often	1,412	36	1,099	36	305	33	426	38	959	35
			Very often	522	13	397	13	120	13	152	14	356	13
			Total	3,960	100	3,014	100	921	100	1110	100	2775	100
g. Discuss your academic performance with a faculty member	fySFprform	EXP_SFI	Never	58	1	38	1	19	2	25	2	32	1
			Sometimes	1,471	37	1,129	38	337	37	381	34	1067	38
			Often	1,765	45	1,343	45	408	44	523	47	1208	44
			Very often	660	17	495	16	159	17	180	16	465	17
			Total	3,954	100	3,005	100	923	100	1109	100	2772	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	79	2	54	2	24	3	29	3	47	2
			Sometimes	1,634	41	1,237	41	387	42	419	38	1186	43
			Often	1,622	41	1,255	42	356	39	475	43	1119	40
			Very often	623	16	464	15	155	17	189	17	420	15
			Total	3,958	100	3,010	100	922	100	1112	100	2772	100
i. Prepare two or more drafts of a paper or assignment before turning it in	fydrafting		Never	93	2	64	2	28	3	27	2	65	2
			Sometimes	1,143	29	859	29	280	30	307	28	812	29
			Often	1,811	46	1,386	46	411	45	525	47	1252	45
			Very often	911	23	701	23	203	22	251	23	646	23
			Total	3,958	100	3,010	100	922	100	1110	100	2775	100
j. Come to class without completing readings or assignments	fyunprepard		Never	2,658	67	2,058	68	584	63	699	63	1926	69
			Sometimes	901	23	669	22	226	25	255	23	624	22
			Often	239	6	169	6	67	7	101	9	126	5
			Very often	157	4	112	4	44	5	53	5	100	4
			Total	3,955	100	3,008	100	921	100	1108	100	2776	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	35	1	26	1	9	1	16	1	17	1
			Sometimes	430	11	308	10	121	13	139	13	280	10
			Often	1,615	41	1,233	41	378	41	425	38	1164	42
			Very often	1,867	47	1,435	48	412	45	529	48	1313	47
			Total	3,947	100	3,002	100	920	100	1109	100	2774	100
b. People from an economic background other than your own	fyDVeconomic	EXP_DD	Never	17	0	13	0	4	0	9	1	6	0
			Sometimes	407	10	296	10	109	12	126	11	269	10
			Often	1,698	43	1,283	43	408	44	454	41	1218	44
			Very often	1,824	46	1,408	47	399	43	522	47	1280	46
			Total	3,946	100	3,000	100	920	100	1111	100	2773	100
c. People with religious beliefs other than your own	fyDVreligion	EXP_DD	Never	37	1	27	1	10	1	15	1	19	1
			Sometimes	480	12	352	12	125	14	158	14	309	11
			Often	1,599	41	1,207	40	385	42	428	39	1146	41
			Very often	1,830	46	1,414	47	400	43	508	46	1302	47
			Total	3,946	100	3,000	100	920	100	1109	100	2776	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	34	1	25	1	9	1	13	1	18	1
			Sometimes	572	14	434	14	134	15	163	15	395	14
			Often	1,627	41	1,219	41	400	43	454	41	1146	41
			Very often	1,715	43	1,324	44	377	41	480	43	1216	44
			Total	3,948	100	3,002	100	920	100	1110	100	2775	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	35	1	24	1	11	1	14	1	19	1
			2	143	4	97	3	45	5	48	4	93	3
			3	778	20	559	19	213	23	247	22	516	19
			4	1,358	34	1,012	34	337	37	397	36	937	34
			5	1,021	26	821	27	195	21	249	22	762	27
			6 Very certain	614	16	489	16	120	13	156	14	451	16
			Total	3,949	100	3,002	100	921	100	1111	100	2778	100
b. Find additional information for course assignments when you don't understand the material	cfindinfo	EXP_PER	1 Not at all certain	16	0	10	0	5	1	8	1	6	0
			2	54	1	40	1	14	2	19	2	31	1
			3	417	11	287	10	129	14	149	13	257	9
			4	1,033	26	782	26	247	27	277	25	743	27
			5	1,295	33	1,009	34	276	30	324	29	955	34
			6 Very certain	1,126	29	869	29	248	27	327	30	785	28
			Total	3,941	100	2,997	100	919	100	1104	100	2777	100
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	EXP_PER	1 Not at all certain	28	1	18	1	10	1	13	1	13	0
			2	181	5	131	4	50	5	51	5	126	5
			3	813	21	576	19	231	25	250	23	546	20
			4	1,279	32	980	33	292	32	385	35	883	32
			5	994	25	785	26	204	22	244	22	737	27
			6 Very certain	643	16	505	17	131	14	162	15	472	17
			Total	3,938	100	2,995	100	918	100	1105	100	2777	100
d. Ask instructors for help when you struggle with course assignments	caskinst	EXP_PER	1 Not at all certain	21	1	12	0	9	1	12	1	7	0
			2	85	2	62	2	23	3	26	2	58	2
			3	475	12	337	11	138	15	164	15	299	11
			4	972	25	753	25	211	23	273	25	691	25
			5	1,196	30	920	31	268	29	309	28	867	31
			6 Very certain	1,188	30	910	30	268	29	322	29	855	31
			Total	3,937	100	2,994	100	917	100	1106	100	2777	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. Finish something you have started when you encounter challenges	cfinish	EXP_PER	1 Not at all certain	21	1	14	0	7	1	10	1	10	0
			2	36	1	29	1	7	1	16	1	18	1
			3	329	8	218	7	111	12	130	12	192	7
			4	970	25	726	24	237	26	285	26	672	24
			5	1,328	34	1,027	34	290	32	339	31	974	35
			6 Very certain	1,249	32	978	33	263	29	327	30	910	33
			Total	3,933	100	2,992	100	915	100	1107	100	2776	100
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	EXP_PER	1 Not at all certain	45	1	34	1	9	1	15	1	29	1
			2	176	4	138	5	37	4	46	4	123	4
			3	739	19	543	18	193	21	227	21	503	18
			4	1,133	29	883	30	244	27	315	29	809	29
			5	1,001	25	777	26	217	24	266	24	722	26
			6 Very certain	840	21	617	21	216	24	236	21	592	21
			Total	3,934	100	2,992	100	916	100	1105	100	2778	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	38	1	25	1	13	1	12	1	26	1
			2	258	7	209	7	47	5	74	7	175	6
			3	984	25	771	26	208	23	291	26	679	24
			4	1,600	41	1,201	40	391	43	431	39	1156	42
			5	852	22	636	21	206	23	236	21	608	22
			6 Very difficult	202	5	151	5	50	5	65	6	132	5
			Total	3,934	100	2,993	100	915	100	1109	100	2776	100
b. Managing your time	cmantime	EXP_DIF	1 Not at all difficult	86	2	71	2	14	2	34	3	50	2
			2	324	8	263	9	60	7	85	8	233	8
			3	788	20	620	21	165	18	258	23	517	19
			4	1,153	29	881	29	264	29	332	30	807	29
			5	1,013	26	751	25	253	28	254	23	749	27
			6 Very difficult	573	15	410	14	160	17	144	13	424	15
			Total	3,937	100	2,996	100	916	100	1107	100	2780	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	550	14	406	14	139	15	113	10	430	16
			2	664	17	515	17	147	16	132	12	525	19
			3	727	18	551	18	173	19	203	18	514	19
			4	641	16	503	17	135	15	185	17	443	16
			5	634	16	478	16	150	16	207	19	420	15
			6 Very difficult	714	18	537	18	170	19	267	24	441	16
			Total	3,930	100	2,990	100	914	100	1107	100	2773	100
d. Getting help with school work	cgethelp	EXP_DIF	1 Not at all difficult	460	12	357	12	100	11	135	12	319	11
			2	1,119	28	864	29	249	27	273	25	836	30
			3	1,321	34	1,013	34	298	33	366	33	937	34
			4	793	20	589	20	200	22	253	23	530	19
			5	189	5	135	5	52	6	63	6	122	4
			6 Very difficult	55	1	37	1	17	2	19	2	36	1
			Total	3,937	100	2,995	100	916	100	1109	100	2780	100
e. Making new friends	cmakefr		1 Not at all difficult	730	19	563	19	164	18	205	19	516	19
			2	1,004	26	749	25	248	27	243	22	753	27
			3	972	25	736	25	232	25	285	26	673	24
			4	706	18	552	18	149	16	203	18	491	18
			5	340	9	257	9	79	9	102	9	234	8
			6 Very difficult	181	5	136	5	42	5	70	6	111	4
			Total	3,933	100	2,993	100	914	100	1108	100	2778	100
f. Interacting with faculty	cintfac	EXP_DIF	1 Not at all difficult	558	14	429	14	125	14	154	14	397	14
			2	1,053	27	771	26	270	30	243	22	799	29
			3	1,141	29	875	29	262	29	368	33	756	27
			4	814	21	642	21	171	19	240	22	568	20
			5	288	7	218	7	66	7	77	7	207	7
			6 Very difficult	74	2	54	2	19	2	26	2	47	2
			Total	3,928	100	2,989	100	913	100	1108	100	2774	100

Variable	Scale	Response Options	Self-Reported High School grades											
			All Students		A- or higher				B+ or lower				First Generation ^a	
			Count	%	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	26	1	16	1	10	1	11	1	14	1		
		Sometimes	1,282	33	984	33	288	32	365	33	901	32		
		Often	1,892	48	1,440	48	440	48	536	48	1,337	48		
		Very often	721	18	545	18	172	19	194	18	523	19		
		Total	3,921	100	2,985	100	910	100	1,106	100	2,775	100		
b. Academic advisors	fyseekaa	Never	129	3	97	3	30	3	31	3	95	3		
		Sometimes	1,637	42	1,265	42	365	40	408	37	1,211	44		
		Often	1,591	41	1,194	40	384	42	508	46	1,067	38		
		Very often	566	14	427	14	135	15	161	15	404	15		
		Total	3,923	100	2,983	100	914	100	1,108	100	2,777	100		
c. Learning support services (tutoring, writing center, success coaching, etc.)	fyseekls	Never	207	5	173	6	30	3	48	4	155	6		
		Sometimes	1,636	42	1,276	43	350	38	413	37	1,208	43		
		Often	1,457	37	1,075	36	375	41	460	42	980	35		
		Very often	618	16	459	15	155	17	182	17	435	16		
		Total	3,918	100	2,983	100	910	100	1,103	100	2,778	100		
d. Friends or other students	fyseekfrnd	Never	14	0	11	0	2	0	5	0	8	0		
		Sometimes	643	16	482	16	155	17	213	19	419	15		
		Often	1,969	50	1,497	50	459	50	556	50	1,394	50		
		Very often	1,293	33	992	33	295	32	330	30	957	34		
		Total	3,919	100	2,982	100	911	100	1,104	100	2,778	100		
e. Family members	fyseekfam	Never	1,045	27	813	27	227	25	326	29	707	25		
		Sometimes	1,785	45	1,375	46	394	43	460	42	1,314	47		
		Often	785	20	559	19	223	24	239	22	533	19		
		Very often	312	8	241	8	69	8	82	7	227	8		
		Total	3,927	100	2,988	100	913	100	1,107	100	2,781	100		
f. Other persons or offices	fyseekoth	Never	516	13	392	13	120	13	135	12	378	14		
		Sometimes	2,400	61	1,863	62	521	57	644	58	1,729	62		
		Often	791	20	574	19	213	23	268	24	517	19		
		Very often	210	5	154	5	54	6	59	5	150	5		
		Total	3,917	100	2,983	100	908	100	1,106	100	2,774	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	11	0	6	0	5	1	5	0	6	0
			2	71	2	46	2	25	3	26	2	42	2
			3	484	12	359	12	125	14	173	16	304	11
			4	1,078	27	807	27	260	29	296	27	768	28
			5	1,305	33	983	33	313	34	333	30	962	35
			6 Very prepared	973	25	784	26	183	20	273	25	697	25
			Total	3,922	100	2,985	100	911	100	1106	100	2779	100
b. Speak clearly and effectively	fySGspeak	PER_PREP	1 Not at all prepared	13	0	11	0	2	0	9	1	4	0
			2	124	3	98	3	25	3	44	4	80	3
			3	514	13	367	12	144	16	173	16	336	12
			4	1,062	27	806	27	249	27	304	27	742	27
			5	1,240	32	956	32	279	31	315	28	913	33
			6 Very prepared	971	25	751	25	211	23	263	24	703	25
			Total	3,924	100	2,989	100	910	100	1108	100	2778	100
c. Think critically and analytically	fySGthink	PER_PREP	1 Not at all prepared	6	0	4	0	2	0	6	1	0	0
			2	49	1	34	1	15	2	14	1	35	1
			3	358	9	251	8	105	12	138	12	212	8
			4	981	25	743	25	232	26	304	27	667	24
			5	1,409	36	1,084	36	317	35	346	31	1050	38
			6 Very prepared	1,118	29	871	29	237	26	298	27	815	29
			Total	3,921	100	2,987	100	908	100	1106	100	2779	100
d. Analyze numerical and statistical information	fySGanalyze	PER_PREP	1 Not at all prepared	25	1	16	1	9	1	14	1	11	0
			2	145	4	100	3	44	5	47	4	97	3
			3	587	15	422	14	164	18	200	18	376	14
			4	1,163	30	883	30	270	30	331	30	820	29
			5	1,209	31	941	32	259	28	292	26	908	33
			6 Very prepared	794	20	625	21	164	18	223	20	568	20
			Total	3,923	100	2,987	100	910	100	1107	100	2780	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	9	0	7	0	2	0	7	1	2	0
			2	34	1	24	1	8	1	16	1	16	1
			3	274	7	189	6	81	9	122	11	149	5
			4	834	21	638	21	192	21	245	22	577	21
			5	1,383	35	1,073	36	301	33	357	32	1017	37
			6 Very prepared	1,388	35	1,055	35	326	36	361	33	1017	37
			Total	3,922	100	2,986	100	910	100	1108	100	2778	100
f. Use computing and information technology	cgncompt13	PER_PREP	1 Not at all prepared	44	1	35	1	9	1	18	2	26	1
			2	217	6	178	6	38	4	55	5	160	6
			3	732	19	558	19	172	19	226	20	496	18
			4	1,200	31	923	31	269	30	333	30	857	31
			5	1,035	26	782	26	246	27	274	25	753	27
			6 Very prepared	692	18	509	17	175	19	202	18	485	17
			Total	3,920	100	2,985	100	909	100	1108	100	2777	100
g. Learn effectively on your own	cgningq	PER_PREP	1 Not at all prepared	12	0	8	0	4	0	9	1	2	0
			2	59	2	44	1	14	2	20	2	37	1
			3	422	11	285	10	136	15	155	14	262	9
			4	1,086	28	802	27	279	31	306	28	774	28
			5	1,309	33	1,003	34	296	33	332	30	964	35
			6 Very prepared	1,030	26	844	28	178	20	286	26	736	27
			Total	3,918	100	2,986	100	907	100	1108	100	2775	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	16	0	11	0	5	1	7	1	9	0
			2	56	1	37	1	19	2	17	2	36	1
			3	415	11	269	9	144	16	152	14	256	9
			4	1,198	31	914	31	277	31	348	31	840	30
			5	1,288	33	979	33	302	33	337	30	943	34
			6 Very important	940	24	771	26	159	18	245	22	690	25
			Total	3,913	100	2,981	100	906	100	1106	100	2774	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	7	0	5	0	2	0	6	1	1	0
			2	20	1	14	0	5	1	9	1	11	0
			3	207	5	147	5	60	7	92	8	109	4
			4	583	15	436	15	145	16	162	15	414	15
			5	1,050	27	793	27	251	28	269	24	773	28
			6 Very important	2,049	52	1,589	53	443	49	571	51	1466	53
			Total	3,916	100	2,984	100	906	100	1109	100	2774	100
c. Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	fySEdiv	IMP_CAMP	1 Not important	53	1	35	1	18	2	19	2	34	1
			2	115	3	81	3	34	4	28	3	87	3
			3	403	10	284	10	118	13	120	11	275	10
			4	879	22	663	22	209	23	247	22	628	23
			5	1,028	26	785	26	235	26	287	26	733	26
			6 Very important	1,434	37	1,131	38	293	32	406	37	1018	37
			Total	3,912	100	2,979	100	907	100	1107	100	2775	100
d. Help managing your non-academic responsibilities (work, family, etc.)	fySEacad	IMP_CAMP	1 Not important	69	2	47	2	22	2	15	1	51	2
			2	232	6	184	6	45	5	52	5	178	6
			3	659	17	492	17	162	18	200	18	450	16
			4	1,080	28	833	28	242	27	287	26	788	28
			5	938	24	695	23	239	26	271	25	659	24
			6 Very important	931	24	727	24	196	22	280	25	645	23
			Total	3,909	100	2,978	100	906	100	1105	100	2771	100
e. Opportunities to be involved socially	fySEsoc	IMP_CAMP	1 Not important	26	1	16	1	9	1	12	1	13	0
			2	88	2	62	2	26	3	26	2	61	2
			3	346	9	234	8	109	12	124	11	215	8
			4	833	21	621	21	206	23	247	22	580	21
			5	1,184	30	919	31	259	29	322	29	857	31
			6 Very important	1,436	37	1,128	38	298	33	378	34	1047	38
			Total	3,913	100	2,980	100	907	100	1109	100	2773	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. Opportunities to attend campus activities and events	fySEact	IMP_CAMP	1 Not important	16	0	9	0	7	1	11	1	5	0
			2	57	1	40	1	17	2	20	2	37	1
			3	340	9	232	8	104	11	122	11	210	8
			4	846	22	624	21	215	24	257	23	580	21
			5	1,206	31	926	31	274	30	316	29	882	32
			6 Very important	1,449	37	1,150	39	290	32	381	34	1060	38
			Total	3,914	100	2,981	100	907	100	1107	100	2774	100
g. Learning support services (tutoring services, writing center, etc.)	fySEserv	IMP_CAMP	1 Not important	27	1	24	1	3	0	13	1	14	1
			2	83	2	67	2	15	2	25	2	58	2
			3	428	11	316	11	111	12	137	12	285	10
			4	848	22	640	21	202	22	236	21	605	22
			5	1,087	28	816	27	262	29	289	26	790	29
			6 Very important	1,435	37	1,114	37	312	34	409	37	1017	37
			Total	3,908	100	2,977	100	905	100	1109	100	2769	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	3,299	85	2,503	84	774	86	805	73	2473	90
			Not using	412	11	328	11	80	9	216	20	190	7
			Not sure	181	5	136	5	45	5	79	7	100	4
			Total	3,892	100	2,967	100	899	100	1100	100	2763	100
b. Loans	fyloans		Using	1,651	42	1,247	42	397	44	566	51	1073	39
			Not using	1,688	43	1,324	45	348	39	393	36	1284	46
			Not sure	553	14	392	13	158	17	145	13	406	15
			Total	3,892	100	2,963	100	903	100	1104	100	2763	100
c. Grants or scholarships	fygrants		Using	2,812	72	2,306	78	489	54	782	71	2013	73
			Not using	754	19	452	15	294	33	208	19	537	19
			Not sure	324	8	207	7	116	13	108	10	214	8
			Total	3,890	100	2,965	100	899	100	1098	100	2764	100
d. Employment on or off campus	fyjob		Using	1,472	38	1,160	39	309	34	513	47	953	35
			Not using	1,424	37	1,048	35	361	40	324	29	1082	39
			Not sure	987	25	752	25	227	25	263	24	720	26
			Total	3,883	100	2,960	100	897	100	1100	100	2755	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	2,310	59	1,794	61	508	56	676	61	1619	59
			Not using	984	25	724	24	245	27	257	23	716	26
			Not sure	597	15	447	15	147	16	168	15	427	15
			Total	3,891	100	2,965	100	900	100	1101	100	2762	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	4	0	1	0	3	0	3	0	1	0
			C+	9	0	2	0	7	1	4	0	5	0
			B-	27	1	10	0	17	2	16	1	11	0
			B	377	10	200	7	176	19	107	10	267	10
			B+	658	17	413	14	244	27	197	18	459	16
			A-	1,225	31	989	33	228	25	311	28	906	33
			A	1,475	38	1,250	42	211	23	426	38	1043	37
			A+	143	4	119	4	22	2	47	4	91	3
			Grades not used	2	0	1	0	1	0	0	0	1	0
			Total	3,920	100	2,985	100	909	100	1111	100	2784	100
24. Do you expect to graduate from this institution?	fyintgrad		No	17	0	10	0	7	1	11	1	6	0
			Yes	3,770	96	2,889	97	857	94	1056	95	2693	97
			Uncertain	126	3	80	3	44	5	42	4	82	3
			Total	3,913	100	2,979	100	908	100	1109	100	2781	100
25. Do you know what your major will be?	fymajor		No	996	25	701	23	290	32	266	24	720	26
			Yes, specify:	2,927	75	2,285	77	620	68	846	76	2065	74
			Total	3,923	100	2,986	100	910	100	1112	100	2785	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	215	7	176	8	37	6	52	6	162	8
			Biological Sciences, Agriculture, & Natural Resources	450	15	376	16	72	12	142	17	306	15
			Physical Sciences, Mathematics, & Computer Science	175	6	132	6	43	7	59	7	115	6
			Social Sciences	275	9	204	9	67	11	65	8	208	10
			Business	1,100	38	864	38	226	37	276	33	820	40
			Communications, Media & Public Relations	97	3	69	3	28	5	31	4	66	3
			Education	124	4	96	4	28	5	49	6	74	4
			Engineering	22	1	18	1	4	1	8	1	14	1
			Health Professions	228	8	173	8	55	9	92	11	136	7
			Social Service Professions	97	3	73	3	22	4	37	4	60	3
			All Other	129	4	96	4	32	5	30	4	98	5
			Undecided/undeclared	9	0	4	0	4	1	5	1	4	0
				Total			2,921	100	2,281	100	618	100	846
26. Are you (or will you be) a full-time student this fall term?	fyfulltime		No	32	1	24	1	7	1	11	1	21	1
			Yes	3,876	99	2,952	99	899	99	1099	99	2764	99
			Total	3,908	100	2,976	100	906	100	1110	100	2785	100
27. How many of your close friends will attend this college during the coming year?	fyfriends		None	1,138	29	847	28	280	31	292	26	845	30
			1	591	15	455	15	134	15	180	16	410	15
			2	590	15	481	16	108	12	181	16	408	15
			3	422	11	325	11	94	10	121	11	300	11
			4 or more	1,161	30	866	29	286	32	335	30	821	29
			Total	3,902	100	2,974	100	902	100	1109	100	2784	100
28. This institution was your:	fychoice17		First choice	2,754	71	2,105	71	634	70	803	72	1944	70
			Second choice	774	20	574	19	194	21	214	19	559	20
			Third choice or lower	374	10	294	10	75	8	93	8	281	10
			Total	3,902	100	2,973	100	903	100	1110	100	2784	100
29. What is your gender identity?	fygender		Man	1,717	44	1,233	42	472	52	444	40	1271	46
			Woman	2,124	54	1698	57	414	46	640	58	1478	53
			Another gender identity	25	1	15	1	9	1	11	1	14	1
			Prefer not to respond	36	1	25	1	10	1	13	1	23	1
			Total	3,902	100	2,971	100	905	100	1108	100	2786	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	93	2,753	93	855	95	996	90	2618	94
			Yes	278	7	219	7	45	5	110	10	166	6
			Total	3,898	100	2,972	100	900	100	1106	100	2784	100
31. What is your racial or ethnic identification? (recoded as mutually exclusive with addition of multiracial variable)	FYrace		American Indian or Alaska Native	5	0	3	0	2	0	2	0	3	0
			Asian	434	11	332	11	89	10	144	13	288	10
			Black or African American	91	2	60	2	31	3	33	3	58	2
			Hispanic or Latino	117	3	84	3	33	4	64	6	53	2
			Native Hawaiian or Other Pacific Islander	11	0	7	0	4	0	5	0	6	0
			White	2,880	74	2,219	75	651	72	747	67	2130	76
			Multiracial	278	7	202	7	75	8	88	8	188	7
			Other	16	0	10	0	5	1	2	0	14	1
			I prefer not to respond	71	2	55	2	15	2	25	2	46	2
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	48	1	35	1	12	1	48	4	0	0
			High school diploma or G.E.D.	614	16	462	16	147	16	614	55	0	0
			Attended college but did not complete degree	215	6	164	6	51	6	215	19	0	0
			Associate's degree (A.A., A.S., etc.)	236	6	168	6	66	7	236	21	0	0
			Bachelor's degree (B.A., B.S., etc.)	1,364	35	1,042	35	315	35	0	0	1364	49
			Master's degree (M.A., M.S., etc.)	989	25	756	25	228	25	0	0	989	35
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	438	11	347	12	85	9	0	0	438	16
			Total	3,904	100	2,974	100	904	100	1113	100	2791	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	3,735	96	2,871	96	843	93	1038	93	2691	96
			Residence (house, apartment, etc.) within walking distance to campus	87	2	46	2	37	4	36	3	51	2
			Residence (house, apartment, etc.) farther than walking distance to campus	68	2	48	2	19	2	30	3	38	1
			None of the above	16	0	11	0	5	1	7	1	9	0
			Total	3,906	100	2,976	100	904	100	1111	100	2789	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
Indiana University Bloomington

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

1. **Scale** : The BCSSE Scale appears in the left column of the report.
2. **Variable Name** : The variable name as it appears in the data file and codebook.
3. **Mean** : The unweighted scale mean is reported overall for the institution, as well as by high school grades and first-generation status.
4. **Institutional Level** : Results for each item for the institution overall.
5. **Selected Student Comparisons** : Results for each item by self-reported high school grades and first-generation status.

6. **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.

7. **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 Indiana University Bloomington

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	31.98	14.39	4,148	32.21	31.21		.07	31.52	32.06			-.04
Learning Strategies <i>Use of effective learning strategies in high school</i>	HS_LS	38.13	12.84	4,154	38.65	36.55	***	.16	38.31	38.19			.01
Collaborative Learning <i>Expectation to interact and collaborate with peers</i>	EXP_CL	39.31	11.34	3,970	39.45	38.89		.05	39.33	39.36			.00
Student-Faculty Interaction <i>Expectation to interaction and engage with faculty</i>	EXP_SFI	34.57	12.59	3,963	34.70	34.14		.04	34.98	34.39			.05
Expected Discussions with Diverse Others <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	46.46	12.68	3,949	46.68	45.62	*	.08	46.07	46.73			-.05
Expected Academic Perseverance <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	42.48	9.98	3,942	42.83	41.27	***	.15	41.42	42.97	***		-.15
Expected Academic Difficulty <i>Expected academic difficulty during the first year of college</i>	EXP_DIF	29.13	9.55	3,937	28.89	29.87	**	-.10	29.23	29.10			.01

BCSSE 2017 Mean Scale Scores and Selected Student Comparisons Indiana University Bloomington

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	
					<i>A- or higher</i>	<i>B+ or lower</i>	<i>Sig^b</i>	<i>Effect size^c</i>	<i>FG</i>	<i>Non-FG</i>	<i>Sig^b</i>	<i>Effect size^c</i>
Perceived Academic Preparation <i>Student perception of their academic preparation</i>	PER_PREP	43.74	9.68	3,922	44.02	42.78	**	.13	42.55	44.26	***	-.17
Importance of Campus Environment <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	45.81	10.11	3,915	46.21	44.45	***	.17	45.11	46.13	**	-.10

^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