



BCSSE Institutional Report

Texas Tech 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		2475	100
<i>Mode of Completion</i>			
	Paper	0	0
	Web	2475	100
<i>When Student Completed BCSSE</i>			
	Prior to the start of fall term classes	2453	99
	During the first week of fall term classes	9	0
	After the first week of fall term classes	6	0
Student Characteristics			
<i>Enrollment Status</i>			
	Full-time	2155	99
	Less than full-time	32	1
<i>Gender</i>			
	Man	933	43
	Women	1236	56
	Another gender identity	12	1
	Prefer not to respond	13	1
<i>Race/Ethnicity (Select all that apply)</i>			
	American Indian or Alaska Native	9	0
	Asian	90	4
	Black or African American	127	6
	Hispanic or Latino	380	17
	Native Hawaiian or Other Pacific Islander	4	0
	White	1261	58
	Other	7	0
	Multiracial	269	12
	I prefer not to respond	36	2
<i>High School Graduation Year</i>			
	2013 or earlier	208	8
	2014	161	7
	2015	193	8
	2016	1907	77
<i>First Generation Status^b</i>			
	Yes	900	41
	No	1288	59
<i>International or Foreign National Student</i>			
	Yes	81	4
	No	2106	96

a. Student reported characteristics for all BCSSE 2016 respondents.

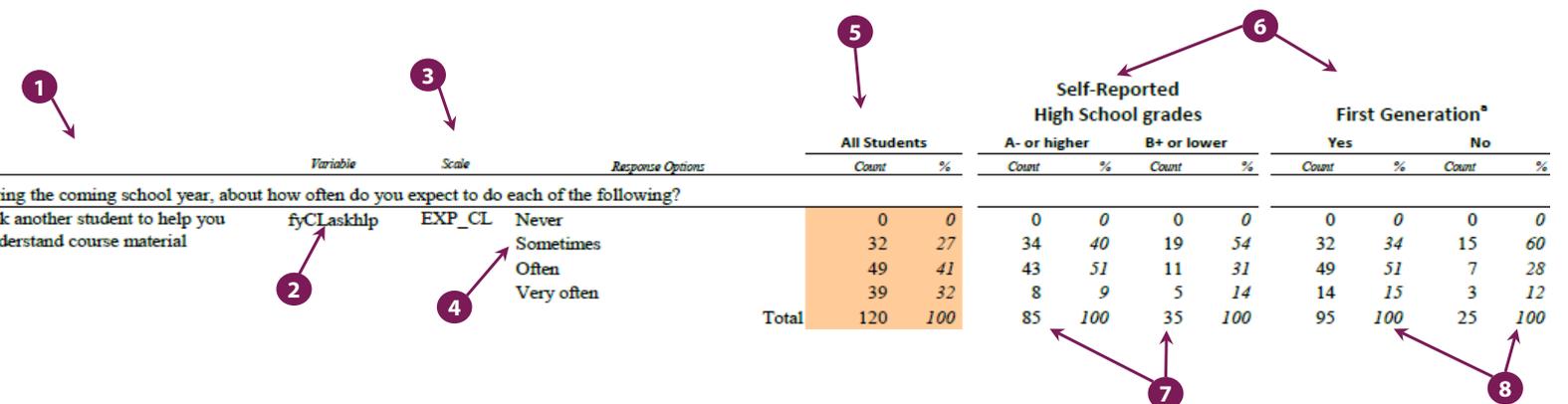
b. First generation is defined as no parent or guardian having graduated with a 4-year college degree.



BCSSE Institutional Report

Frequency Distributions

Texas Tech University



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

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

HS_QR=Quantitative Reasoning
HS_LS=Learning Strategies
EXP_CL=Collaborative Learning
EXP_SFI=Student-Faculty Interaction
EXP_DD=Expected Discussions with Diverse Others
EXP_PER=Expected Academic Perseverance
EXP_DIF=Expected Academic Difficulty
PER_PREP=Perceived Academic Preparation
IMP_CAMP=Importance of Campus Environment

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

	Variable	Scale	Response Options	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	2,453	99	1,381	99	1049	99	888	99	1283	100
			During the first week of fall term classes	9	0	2	0	6	1	5	1	0	0
			After the first week of fall term classes	6	0	5	0	1	0	3	0	3	0
			Total	2,468	100	1,388	100	1056	100	896	100	1286	100
1. Please write in the year you graduated from high school (for example, 2014):	hgradyr		2013 or earlier	208	8	70	5	129	12	119	13	57	4
			2014	161	7	81	6	80	8	72	8	64	5
			2015	193	8	83	6	107	10	82	9	85	7
			2016	1,907	77	1,156	83	740	70	626	70	1079	84
			Total	2,469	100	1,390	100	1056	100	899	100	1285	100
2. From which type of high school did you graduate? (Select only one.)	htype13		Public	2,170	88	1,231	89	931	89	825	93	1105	86
			Private, religiously-affiliated	179	7	93	7	82	8	36	4	117	9
			Private, not religiously affiliated	56	2	31	2	21	2	14	2	29	2
			Home school	22	1	17	1	5	0	5	1	14	1
			Other (e.g., G.E.D.)	27	1	12	1	11	1	11	1	13	1
			Total	2,454	100	1,384	100	1050	100	891	100	1278	100
3. What were most of your high school grades? (Select only one.)	hgrades		C- or lower	3	0	0	0	3	0	1	0	1	0
			C	7	0	0	0	7	1	4	0	3	0
			C+	26	1	0	0	26	2	13	1	7	1
			B-	92	4	0	0	92	9	44	5	37	3
			B	357	15	0	0	357	34	141	16	168	13
			B+	573	23	0	0	573	54	218	24	289	22
			A-	718	29	718	52	0	0	253	28	387	30
			A	675	27	675	48	0	0	216	24	391	30
			Grades not used	11	0	0	0	0	0	6	1	3	0
			Total	2,462	100	1,393	100	1058	100	896	100	1286	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	2,281	93	1,318	95	952	91	811	90	1218	95
b. Pre-calculus/Trigonometry	hprecalc13		Selected	1,844	76	1,145	83	692	67	649	72	998	78
c. Calculus	hcalc13		Selected	816	35	563	42	248	25	281	31	448	35
d. Probability or Statistics	hstats13		Selected	638	27	394	29	238	24	207	23	361	28

	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?	hsact	No	164	7	57	4	101	10	98	11	39	3
			Yes	2,292	93	1,334	96	946	90	796	89	1248	97
			Total	2,456	100	1,391	100	1047	100	894	100	1287	100
	Recode of SAT Composite Score variable sat_act into categories	sat_actr	900 or lower	118	6	38	3	79	10	60	8	52	4
			901-1000	332	16	163	13	166	20	149	20	156	13
			1001-1100	464	22	266	22	197	24	201	28	226	19
			1101-1200	575	28	346	28	227	28	182	25	353	30
			1201-1300	363	18	252	20	109	13	100	14	234	20
			1301-1400	130	6	99	8	29	4	23	3	100	8
			1401-1600	81	4	69	6	12	1	15	2	62	5
			Total	2,063	100	1,233	100	819	100	730	100	1183	100
6.	During high school, how many of the following types of classes did you complete?												
a.	Advanced Placement (AP) classes	hapcl13	0	480	21	206	16	268	28	209	25	231	19
			1-2	578	26	339	27	236	25	220	26	300	25
			3-4	490	22	281	22	204	21	175	21	272	22
			5-6	294	13	171	14	123	13	104	12	174	14
			7-8	208	9	130	10	78	8	68	8	129	11
			9-10	101	5	71	6	30	3	33	4	63	5
			11 or more	88	4	67	5	21	2	30	4	52	4
			Total	2,239	100	1,265	100	960	100	839	100	1221	100
b.	College or university courses for credit	hhonor13	0	776	39	335	29	433	53	320	42	391	36
			1-2	418	21	240	20	177	22	154	20	225	21
			3-4	320	16	229	20	91	11	109	14	187	17
			5-6	185	9	143	12	40	5	64	8	106	10
			7-8	100	5	79	7	21	3	33	4	61	6
			9-10	48	2	39	3	9	1	17	2	29	3
			11 or more	149	7	109	9	39	5	61	8	75	7
			Total	1,996	100	1,174	100	810	100	758	100	1074	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	133	6	68	5	61	6	58	7	62	5	
		1-2	485	21	250	19	232	24	203	24	242	19	
		3-5	697	31	392	30	302	31	258	30	387	31	
		6-10	451	20	268	21	182	19	168	19	257	21	
		11-15	216	9	132	10	83	9	84	10	116	9	
		16-20	102	4	62	5	39	4	35	4	57	5	
		More than 20 papers, etc.	191	8	127	10	61	6	57	7	121	10	
		Total	2,275	100	1,299	100	960	100	863	100	1242	100	
b. Between 6 and 10 pages	hWRmd	None	711	35	381	32	324	39	291	38	362	33	
		1-2	783	39	481	41	299	36	276	36	462	42	
		3-5	357	18	210	18	146	18	142	18	184	17	
		6-10	112	6	62	5	49	6	31	4	69	6	
		11-15	33	2	24	2	7	1	14	2	14	1	
		16-20	21	1	15	1	6	1	11	1	9	1	
		More than 20 papers, etc.	9	0	6	1	3	0	3	0	6	1	
		Total	2,026	100	1,179	100	834	100	768	100	1106	100	
c. 11 pages or more	hWRlng	None	1,379	74	783	73	588	76	540	75	731	73	
		1-2	382	20	236	22	144	19	134	19	225	22	
		3-5	62	3	35	3	25	3	28	4	28	3	
		6-10	20	1	10	1	10	1	11	2	8	1	
		11-15	5	0	3	0	2	0	3	0	2	0	
		16-20	7	0	3	0	4	1	2	0	4	0	
		More than 20 papers, etc.	10	1	5	0	5	1	3	0	5	0	
		Total	1,865	100	1,075	100	778	100	721	100	1003	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	31	1	13	1	16	2	12	1	14	1
		1-5 hours per week	867	37	450	34	413	42	341	38	463	36
		6-10 hours per week	684	29	390	29	290	29	273	31	372	29
		11-15 hours per week	390	17	244	18	145	15	135	15	224	17
		16-20 hours per week	166	7	95	7	70	7	64	7	94	7
		21-25 hours per week	103	4	77	6	23	2	33	4	60	5
		26-30 hours per week	42	2	27	2	15	2	13	1	25	2
		More than 30 hours per week	54	2	38	3	14	1	20	2	32	2
		Total	2,337	100	1,334	100	986	100	891	100	1,284	100
b. Working for pay	hwork	0 hours per week	855	37	523	40	319	33	300	34	498	39
		1-5 hours per week	242	11	158	12	84	9	81	9	147	12
		6-10 hours per week	236	10	140	11	96	10	69	8	142	11
		11-15 hours per week	257	11	146	11	110	11	108	12	129	10
		16-20 hours per week	293	13	147	11	146	15	117	13	162	13
		21-25 hours per week	208	9	102	8	105	11	93	11	102	8
		26-30 hours per week	125	5	62	5	62	6	58	7	58	5
		More than 30 hours per week	82	4	36	3	45	5	47	5	26	2
		Total	2,298	100	1,314	100	967	100	873	100	1,264	100
c. Participating in co-curricular activities (organizations, school publications, student government, sports, etc.)	hcocurr	0 hours per week	170	7	57	4	110	11	78	9	82	6
		1-5 hours per week	472	20	261	20	207	21	180	20	261	20
		6-10 hours per week	478	21	281	21	190	19	185	21	254	20
		11-15 hours per week	404	17	231	17	173	18	142	16	240	19
		16-20 hours per week	324	14	202	15	120	12	114	13	180	14
		21-25 hours per week	174	8	117	9	56	6	67	8	96	8
		26-30 hours per week	115	5	64	5	51	5	47	5	63	5
		More than 30 hours per week	180	8	109	8	71	7	72	8	100	8
		Total	2,317	100	1,322	100	978	100	885	100	1,276	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	30	1	11	1	17	2	15	2	10	1		
			1-5 hours per week	645	28	365	28	273	28	285	32	317	25		
			6-10 hours per week	725	31	429	32	293	30	261	29	415	33		
			11-15 hours per week	434	19	254	19	178	18	155	18	253	20		
			16-20 hours per week	243	10	138	10	104	11	93	11	137	11		
			21-25 hours per week	106	5	51	4	55	6	33	4	62	5		
			26-30 hours per week	54	2	27	2	27	3	16	2	37	3		
			More than 30 hours per week	80	3	50	4	28	3	27	3	45	4		
			Total	2,317	100	1,325	100	975	100	885	100	1276	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	516	22	284	21	229	23	186	21	292	23		
			Some	965	41	541	41	420	43	381	43	524	41		
			About half	574	25	335	25	234	24	222	25	311	24		
			Most	232	10	140	11	88	9	89	10	127	10		
			Almost all	49	2	32	2	16	2	16	2	29	2		
			Total	2,336	100	1,332	100	987	100	894	100	1283	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	922	40	624	47	291	30	348	39	521	41		
			Sometimes	1,192	51	600	45	585	60	458	51	651	51		
			Often	112	5	49	4	63	6	47	5	59	5		
			Very often	95	4	51	4	43	4	37	4	51	4		
			Total	2,321	100	1,324	100	982	100	890	100	1282	100		
b.	Prepared two or more drafts of a paper or assignment before turning it in	hdrafting	Never	348	15	197	15	147	15	135	15	194	15		
			Sometimes	975	43	546	42	424	44	380	43	534	42		
			Often	710	31	403	31	304	31	285	32	382	30		
			Very often	260	11	161	12	97	10	83	9	162	13		
			Total	2,293	100	1,307	100	972	100	883	100	1272	100		
c.	Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	hQRconclud HS_QR	Never	166	7	93	7	70	7	61	7	96	7		
			Sometimes	616	27	336	25	277	29	266	30	316	25		
			Often	967	42	541	41	421	44	372	42	525	41		
			Very often	550	24	348	26	198	20	184	21	344	27		
			Total	2,299	100	1,318	100	966	100	883	100	1281	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	322	14	177	13	140	14	134	15	173	14
			Sometimes	834	36	475	36	357	37	340	38	439	34
			Often	724	31	423	32	297	31	270	30	410	32
			Very often	421	18	241	18	177	18	145	16	257	20
			Total	2,301	100	1,316	100	971	100	889	100	1,279	100
e. Evaluated what others have concluded from numerical information	hQRrevaluat	HS_QR	Never	292	13	169	13	119	12	121	14	153	12
			Sometimes	909	40	496	38	412	43	357	40	507	40
			Often	760	33	448	34	305	32	295	33	415	32
			Very often	330	14	198	15	130	13	109	12	206	16
			Total	2,291	100	1,311	100	966	100	882	100	1,281	100
f. Identified key information from reading assignments	hLSreading	HS_LS	Never	41	2	21	2	18	2	19	2	18	1
			Sometimes	476	21	253	19	222	23	202	23	240	19
			Often	987	43	566	43	414	43	409	46	535	42
			Very often	784	34	468	36	312	32	254	29	484	38
			Total	2,288	100	1,308	100	966	100	884	100	1,277	100
g. Reviewed your notes after class	hLSnotes	HS_LS	Never	106	5	53	4	49	5	38	4	61	5
			Sometimes	736	32	401	31	333	34	291	33	400	31
			Often	792	35	440	34	346	36	321	36	430	34
			Very often	656	29	415	32	239	25	233	26	387	30
			Total	2,290	100	1,309	100	967	100	883	100	1,278	100
h. Summarized what you learned in class or from course materials	hLSsummry	HS_LS	Never	157	7	93	7	61	6	64	7	82	6
			Sometimes	765	34	434	33	327	34	304	34	425	33
			Often	859	38	485	37	370	39	346	39	470	37
			Very often	497	22	292	22	202	21	168	19	297	23
			Total	2,278	100	1,304	100	960	100	882	100	1,274	100
i. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	hRIDivers		Never	156	7	77	6	76	8	66	7	82	6
			Sometimes	791	35	444	34	344	36	320	36	422	33
			Often	759	33	441	34	314	33	296	34	424	33
			Very often	578	25	343	26	232	24	201	23	346	27
			Total	2,284	100	1,305	100	966	100	883	100	1,274	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	%
j. Examined the strengths and weaknesses of your own views on a topic or issue	hRIownview		Never	99	4	55	4	40	4	38	4	57	4
			Sometimes	705	31	400	31	302	31	290	33	371	29
			Often	902	40	527	40	372	39	344	39	512	40
			Very often	573	25	321	25	249	26	211	24	330	26
			Total	2,279	100	1,303	100	963	100	883	100	1270	100
k. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	hRIperspct		Never	68	3	36	3	29	3	28	3	37	3
			Sometimes	566	25	346	26	219	23	222	25	315	25
			Often	902	39	506	39	393	41	368	42	491	38
			Very often	751	33	421	32	325	34	267	30	437	34
			Total	2,287	100	1,309	100	966	100	885	100	1280	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	757	33	403	31	347	36	312	35	405	32
			Very little	372	16	212	16	157	16	138	16	213	17
			Some	310	14	173	13	136	14	113	13	176	14
			Quite a bit	219	10	123	9	93	10	84	9	125	10
			Very much	633	28	393	30	240	25	243	27	358	28
			Total	2,291	100	1,304	100	973	100	890	100	1277	100
b. Athletic teams (varsity, JV, club sport, etc.)	hinvathl		Not at all	524	23	297	23	225	23	251	28	248	19
			Very little	201	9	117	9	83	9	78	9	110	9
			Some	282	12	145	11	134	14	102	12	165	13
			Quite a bit	308	13	168	13	136	14	111	13	178	14
			Very much	977	43	580	44	394	41	344	39	580	45
			Total	2,292	100	1,307	100	972	100	886	100	1281	100
c. Student government	hstugov		Not at all	1,320	58	672	52	640	66	525	59	723	57
			Very little	366	16	214	16	147	15	140	16	207	16
			Some	283	12	183	14	100	10	108	12	153	12
			Quite a bit	148	6	110	8	38	4	49	6	93	7
			Very much	164	7	121	9	42	4	61	7	98	8
			Total	2,281	100	1,300	100	967	100	883	100	1274	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	1,579	70	897	69	673	70	597	68	908	72
			Very little	299	13	180	14	117	12	114	13	167	13
			Some	178	8	95	7	81	8	69	8	93	7
			Quite a bit	98	4	58	4	40	4	43	5	50	4
			Very much	112	5	61	5	50	5	52	6	51	4
			Total			2,266	100	1,291	100	961	100	875	100
e. Academic clubs or honor societies	hinvhon13		Not at all	631	28	212	16	413	43	278	32	322	25
			Very little	256	11	103	8	152	16	93	11	144	11
			Some	433	19	246	19	185	19	170	19	234	18
			Quite a bit	432	19	300	23	128	13	148	17	268	21
			Very much	518	23	434	34	83	9	185	21	302	24
			Total			2,270	100	1,295	100	961	100	874	100
f. Vocational clubs (business, health, technology, etc.)	hinvvcl		Not at all	1,238	54	682	53	547	57	486	55	693	55
			Very little	297	13	164	13	132	14	115	13	157	12
			Some	310	14	170	13	139	14	120	14	173	14
			Quite a bit	196	9	127	10	67	7	70	8	116	9
			Very much	234	10	151	12	82	8	96	11	125	10
			Total			2,275	100	1,294	100	967	100	887	100
g. Religious youth groups	hrelgrp		Not at all	969	42	484	37	477	49	421	48	491	39
			Very little	300	13	176	14	121	13	114	13	171	13
			Some	374	16	230	18	143	15	132	15	225	18
			Quite a bit	273	12	170	13	102	11	81	9	174	14
			Very much	367	16	243	19	123	13	137	15	210	17
			Total			2,283	100	1,303	100	966	100	885	100
h. Community service or volunteer work	hvolntr		Not at all	193	8	64	5	126	13	98	11	85	7
			Very little	272	12	130	10	141	14	113	13	145	11
			Some	588	26	333	25	253	26	225	25	334	26
			Quite a bit	553	24	344	26	205	21	201	23	321	25
			Very much	688	30	435	33	250	26	248	28	397	31
			Total			2,294	100	1,306	100	975	100	885	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	27	1	13	1	12	1	15	2	7	1
			2	73	3	35	3	37	4	32	4	37	3
			3	198	9	96	7	102	11	76	9	111	9
			4	434	19	224	17	208	21	173	20	232	18
			5	792	34	452	34	337	35	285	32	462	36
			6	490	21	299	23	187	19	184	21	280	22
			7 Very much	285	12	195	15	88	9	121	14	153	12
			Total	2,299	100	1,314	100	971	100	886	100	1282	100
13. During the coming school year, about how many hours do you expect to spend in a typical 7-day week doing each of the following?													
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	fyacadpr13		0 hours per week	2	0	2	0	0	0	1	0	1	0
			1-5 hours per week	88	4	39	3	49	5	45	5	39	3
			6-10 hours per week	307	14	172	13	132	14	127	14	171	13
			11-15 hours per week	530	24	290	23	238	25	221	25	294	23
			16-20 hours per week	564	25	344	27	216	23	212	24	339	26
			21-25 hours per week	377	17	207	16	167	18	149	17	220	17
			26-30 hours per week	216	10	131	10	84	9	83	9	127	10
			More than 30 hours per week	152	7	97	8	53	6	58	6	91	7
			Total	2,236	100	1,282	100	939	100	896	100	1282	100
b. Working for pay on- or off-campus	fywork		0 hours per week	549	25	313	25	229	25	163	18	374	29
			1-5 hours per week	224	10	139	11	85	9	69	8	148	12
			6-10 hours per week	316	14	184	14	131	14	108	12	201	16
			11-15 hours per week	374	17	216	17	155	17	158	18	204	16
			16-20 hours per week	380	17	223	17	155	17	178	20	196	15
			21-25 hours per week	177	8	96	8	81	9	102	11	69	5
			26-30 hours per week	108	5	61	5	46	5	57	6	47	4
			More than 30 hours per week	91	4	44	3	46	5	56	6	32	3
			Total	2,219	100	1,276	100	928	100	891	100	1271	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	103	5	43	3	58	6	56	6	45	4
			1-5 hours per week	470	21	255	20	212	23	208	23	256	20
			6-10 hours per week	642	29	378	30	257	28	233	26	387	30
			11-15 hours per week	470	21	293	23	175	19	189	21	270	21
			16-20 hours per week	316	14	181	14	135	14	126	14	183	14
			21-25 hours per week	121	5	63	5	58	6	46	5	72	6
			26-30 hours per week	57	3	35	3	21	2	20	2	34	3
			More than 30 hours per week	43	2	26	2	17	2	12	1	30	2
	Total		2,222	100	1,274	100	933	100	890	100	1277	100	
d. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	fysocial13		0 hours per week	29	1	12	1	17	2	14	2	15	1
			1-5 hours per week	542	24	297	23	239	26	248	28	276	22
			6-10 hours per week	800	36	459	36	335	36	333	37	447	35
			11-15 hours per week	476	21	294	23	181	19	166	19	303	24
			16-20 hours per week	227	10	133	10	93	10	79	9	141	11
			21-25 hours per week	93	4	45	4	48	5	32	4	59	5
			26-30 hours per week	31	1	19	1	11	1	8	1	22	2
			More than 30 hours per week	23	1	16	1	7	1	11	1	11	1
	Total		2,221	100	1,275	100	931	100	891	100	1274	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	9	0	6	0	3	0	5	1	4	0
			1-5 hours per week	389	17	216	17	170	18	149	17	231	18
			6-10 hours per week	813	36	477	37	332	35	308	34	483	38
			11-15 hours per week	525	23	298	23	222	24	231	26	285	22
			16-20 hours per week	285	13	174	14	110	12	117	13	162	13
			21-25 hours per week	128	6	59	5	69	7	51	6	71	6
			26-30 hours per week	39	2	22	2	16	2	17	2	20	2
			More than 30 hours per week	47	2	27	2	19	2	19	2	26	2
	Total			2,235	100	1,279	100	941	100	897	100	1282	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	29	1	21	2	6	1	13	1	15	1	
			Sometimes	698	31	394	31	300	32	294	33	386	30	
			Often	926	42	539	42	385	41	361	40	548	43	
			Very often	574	26	323	25	244	26	229	26	332	26	
			Total	2,227	100	1,277	100	935	100	897	100	1281	100	
b. Explain course material to one or more students	fyCLxplain	EXP_CL	Never	21	1	7	1	14	2	8	1	13	1	
			Sometimes	890	40	485	38	399	43	357	40	511	40	
			Often	958	43	571	45	383	41	372	42	567	44	
			Very often	347	16	206	16	136	15	155	17	186	15	
			Total	2,216	100	1,269	100	932	100	892	100	1277	100	
c. Prepare for exams by discussing or working through course material with other students	fyCLstudy	EXP_CL	Never	24	1	15	1	7	1	13	1	11	1	
			Sometimes	315	14	171	13	144	15	132	15	180	14	
			Often	947	43	552	43	388	41	376	42	548	43	
			Very often	933	42	531	42	396	42	374	42	541	42	
			Total	2,219	100	1,269	100	935	100	895	100	1280	100	
d. Work with other students on course projects or assignments	fyCLprojct	EXP_CL	Never	23	1	13	1	9	1	9	1	13	1	
			Sometimes	455	20	265	21	187	20	189	21	256	20	
			Often	979	44	559	44	416	44	389	44	573	45	
			Very often	764	34	434	34	323	35	307	34	440	34	
			Total	2,221	100	1,271	100	935	100	894	100	1282	100	
e. Talk about career plans with a faculty member	fySFcareer	EXP_SFI	Never	44	2	23	2	20	2	17	2	25	2	
			Sometimes	877	40	514	40	357	38	336	38	527	41	
			Often	806	36	460	36	343	37	318	36	465	36	
			Very often	488	22	273	21	210	23	221	25	261	20	
			Total	2,215	100	1,270	100	930	100	892	100	1278	100	
f. Work with a faculty member on activities other than coursework (committees, student groups, etc.)	fySFothrwrk	EXP_SFI	Never	166	7	91	7	72	8	65	7	97	8	
			Sometimes	1,016	46	589	46	422	45	394	44	604	47	
			Often	672	30	368	29	299	32	275	31	380	30	
			Very often	369	17	224	18	143	15	163	18	200	16	
			Total	2,223	100	1,272	100	936	100	897	100	1281	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	59	3	31	2	28	3	23	3	34	3
			Sometimes	876	39	516	41	354	38	345	39	518	40
			Often	806	36	443	35	360	39	321	36	464	36
			Very often	479	22	280	22	193	21	206	23	265	21
			Total	2,220	100	1,270	100	935	100	895	100	1281	100
h. Discuss course topics, ideas, or concepts with a faculty member outside of class	fySFdiscuss	EXP_SFI	Never	128	6	66	5	60	6	45	5	80	6
			Sometimes	965	44	564	45	397	43	385	43	569	45
			Often	720	33	398	32	316	34	307	35	396	31
			Very often	389	18	232	18	154	17	150	17	230	18
			Total	2,202	100	1,260	100	927	100	887	100	1275	100
i. Prepare two or more drafts of a paper or assignment before turning it in	fydrafting		Never	61	3	40	3	21	2	26	3	33	3
			Sometimes	649	29	375	30	269	29	264	30	373	29
			Often	911	41	514	41	391	42	375	42	515	40
			Very often	590	27	335	27	251	27	229	26	354	28
			Total	2,211	100	1,264	100	932	100	894	100	1275	100
j. Come to class without completing readings or assignments	fyunprepard		Never	1,616	73	945	75	662	71	643	72	949	74
			Sometimes	449	20	248	20	196	21	182	20	251	20
			Often	62	3	32	3	29	3	27	3	35	3
			Very often	86	4	41	3	45	5	38	4	46	4
			Total	2,213	100	1,266	100	932	100	890	100	1281	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	10	1	13	1	14	2	9	1
			Sometimes	230	10	117	9	108	12	97	11	132	10
			Often	801	36	455	36	344	37	326	36	457	36
			Very often	1,156	52	681	54	467	50	458	51	678	53
			Total	2,210	100	1,263	100	932	100	895	100	1276	100
b. People from an economic background other than your own	fyDVeconomic	EXP_DD	Never	20	1	9	1	11	1	14	2	6	0
			Sometimes	223	10	115	9	103	11	99	11	121	9
			Often	813	37	466	37	344	37	324	36	473	37
			Very often	1,154	52	672	53	475	51	458	51	676	53
			Total	2,210	100	1,262	100	933	100	895	100	1276	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	%
c. People with religious beliefs other than your own	fyDVreligion	EXP_DD	Never	27	1	15	1	12	1	14	2	13	1
			Sometimes	339	15	180	14	156	17	148	17	187	15
			Often	783	36	446	35	331	36	305	34	465	37
			Very often	1,050	48	617	49	427	46	422	47	606	48
			Total	2,199	100	1,258	100	926	100	889	100	1271	100
d. People with political views other than your own	fyDVpolitical	EXP_DD	Never	28	1	17	1	11	1	18	2	10	1
			Sometimes	307	14	157	12	147	16	138	16	166	13
			Often	795	36	461	37	329	36	309	35	470	37
			Very often	1,068	49	623	50	438	47	423	48	625	49
			Total	2,198	100	1,258	100	925	100	888	100	1271	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	21	1	12	1	9	1	11	1	9	1
			2	68	3	35	3	31	3	27	3	40	3
			3	339	15	195	15	144	16	135	15	202	16
			4	695	32	394	31	297	32	278	31	404	32
			5	637	29	360	29	273	30	248	28	384	30
			6 Very certain	440	20	264	21	171	18	194	22	237	19
			Total	2,200	100	1,260	100	925	100	893	100	1276	100
b. Find additional information for course assignments when you don't understand the material	cfindinfo	EXP_PER	1 Not at all certain	6	0	3	0	3	0	4	0	2	0
			2	24	1	12	1	12	1	11	1	13	1
			3	104	5	53	4	51	6	39	4	65	5
			4	445	20	240	19	202	22	181	20	257	20
			5	740	34	428	34	308	33	303	34	428	34
			6 Very certain	869	40	518	41	344	37	349	39	507	40
			Total	2,188	100	1,254	100	920	100	887	100	1272	100
c. Participate regularly in course discussions, even when you don't feel like it	ccourdis	EXP_PER	1 Not at all certain	20	1	12	1	8	1	11	1	9	1
			2	103	5	62	5	40	4	47	5	54	4
			3	380	17	206	16	174	19	155	17	223	18
			4	647	29	383	31	261	28	254	28	382	30
			5	633	29	350	28	276	30	244	27	382	30
			6 Very certain	411	19	240	19	167	18	181	20	223	18
			Total	2,194	100	1,253	100	926	100	892	100	1273	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	7	0	5	0	2	0	4	0	3	0
			2	51	2	23	2	26	3	27	3	24	2
			3	189	9	105	8	83	9	69	8	118	9
			4	407	19	237	19	169	18	160	18	241	19
			5	642	29	375	30	264	29	250	28	386	30
			6 Very certain	896	41	508	41	380	41	382	43	499	39
			Total	2,192	100	1,253	100	924	100	892	100	1271	100
e. Finish something you have started when you encounter challenges	cfinish	EXP_PER	1 Not at all certain	6	0	2	0	3	0	5	1	1	0
			2	9	0	3	0	6	1	4	0	5	0
			3	92	4	41	3	51	6	43	5	48	4
			4	397	18	222	18	173	19	160	18	232	18
			5	774	35	446	36	322	35	274	31	491	39
			6 Very certain	905	41	536	43	363	40	398	45	493	39
			Total	2,183	100	1,250	100	918	100	884	100	1270	100
f. Stay positive, even when you do poorly on a test or assignment	cstaypos	EXP_PER	1 Not at all certain	30	1	20	2	10	1	15	2	15	1
			2	77	4	46	4	31	3	27	3	49	4
			3	234	11	138	11	95	10	84	9	148	12
			4	534	24	333	27	199	22	191	21	332	26
			5	602	27	332	26	265	29	240	27	355	28
			6 Very certain	716	33	384	31	325	35	333	37	374	29
			Total	2,193	100	1,253	100	925	100	890	100	1273	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	62	3	34	3	26	3	31	3	30	2
			2	204	9	115	9	86	9	93	10	111	9
			3	513	23	289	23	219	24	224	25	286	22
			4	805	37	474	38	327	35	286	32	506	40
			5	462	21	251	20	211	23	195	22	266	21
			6 Very difficult	144	7	89	7	54	6	63	7	81	6
			Total	2,190	100	1,252	100	923	100	892	100	1280	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	83	4	45	4	37	4	42	5	40	3
			2	215	10	138	11	76	8	86	10	127	10
			3	376	17	219	18	155	17	160	18	212	17
			4	538	25	304	24	231	25	221	25	312	25
			5	583	27	314	25	265	29	226	25	354	28
			6 Very difficult	382	18	226	18	152	17	154	17	224	18
			Total	2,177	100	1,246	100	916	100	889	100	1269	100
c. Paying college expenses	cpaycoll		1 Not at all difficult	236	11	120	10	113	12	58	7	176	14
			2	242	11	137	11	101	11	73	8	166	13
			3	261	12	141	11	120	13	88	10	172	13
			4	362	17	209	17	150	16	143	16	218	17
			5	416	19	262	21	153	17	192	22	218	17
			6 Very difficult	666	31	380	30	282	31	334	38	326	26
			Total	2,183	100	1,249	100	919	100	888	100	1276	100
d. Getting help with school work	cgethelp	EXP_DIF	1 Not at all difficult	278	13	152	12	121	13	121	14	155	12
			2	534	25	306	25	226	25	201	23	325	26
			3	677	31	387	31	287	31	266	30	406	32
			4	450	21	273	22	172	19	192	22	256	20
			5	184	8	103	8	81	9	80	9	103	8
			6 Very difficult	52	2	24	2	28	3	28	3	24	2
			Total	2,175	100	1,245	100	915	100	888	100	1269	100
e. Making new friends	cmakefr		1 Not at all difficult	559	26	312	25	240	26	213	24	341	27
			2	555	25	321	26	232	25	223	25	325	26
			3	433	20	245	20	187	20	173	19	256	20
			4	328	15	193	15	134	15	142	16	185	15
			5	187	9	111	9	75	8	86	10	101	8
			6 Very difficult	122	6	65	5	54	6	55	6	66	5
			Total	2,184	100	1,247	100	922	100	892	100	1274	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	392	18	215	17	174	19	166	19	225	18
			2	519	24	293	23	225	24	185	21	328	26
			3	601	28	352	28	243	26	253	28	342	27
			4	386	18	230	18	153	17	156	18	226	18
			5	197	9	112	9	84	9	86	10	110	9
			6 Very difficult	89	4	46	4	42	5	44	5	45	4
			Total	2,184	100	1,248	100	921	100	890	100	1276	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	1	5	0	14	2	11	1	8	1
			1-2	136	6	79	6	57	6	63	7	71	6
			3-5	553	26	312	26	237	26	231	27	321	26
			6-10	648	30	367	30	276	31	272	31	369	30
			11-15	372	17	228	19	143	16	138	16	232	19
			16-20	194	9	101	8	92	10	75	9	116	9
			More than 20 papers, etc.	213	10	129	11	81	9	80	9	132	11
			Total	2,135	100	1,221	100	900	100	870	100	1249	100
b. Between 6 and 10 pages	fyWRmd		None	47	2	25	2	22	2	21	2	26	2
			1-2	329	15	178	14	149	16	147	17	179	14
			3-5	712	33	406	33	301	33	273	31	432	34
			6-10	603	28	351	28	248	27	251	28	350	28
			11-15	289	13	166	13	122	13	120	14	165	13
			16-20	124	6	73	6	51	6	51	6	73	6
			More than 20 papers, etc.	61	3	40	3	20	2	25	3	36	3
			Total	2,165	100	1,239	100	913	100	888	100	1261	100
c. 11 pages or more	fyWRlng		None	233	11	123	10	109	12	99	11	133	11
			1-2	838	40	479	39	353	40	330	38	502	41
			3-5	540	25	330	27	206	23	218	25	317	26
			6-10	272	13	146	12	124	14	114	13	155	13
			11-15	127	6	76	6	51	6	56	6	70	6
			16-20	56	3	33	3	23	3	22	3	34	3
			More than 20 papers, etc.	54	3	29	2	24	3	27	3	27	2
			Total	2,120	100	1,216	100	890	100	866	100	1238	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	9	0	3	0	6	1	7	1	2	0
			2	50	2	28	2	22	2	25	3	25	2
			3	192	9	98	8	93	10	81	9	111	9
			4	487	22	266	21	217	24	212	24	271	21
			5	699	32	393	31	303	33	257	29	438	34
			6 Very prepared	750	34	464	37	279	30	313	35	430	34
			Total	2,187	100	1,252	100	920	100	895	100	1277	100
b. Speak clearly and effectively	fySGspeak	PER_PREP	1 Not at all prepared	11	1	6	0	5	1	4	0	7	1
			2	42	2	22	2	20	2	15	2	27	2
			3	210	10	118	9	91	10	101	11	109	9
			4	491	22	280	22	207	23	202	23	286	22
			5	708	32	402	32	300	33	281	31	418	33
			6 Very prepared	724	33	423	34	297	32	292	33	429	34
			Total	2,186	100	1,251	100	920	100	895	100	1276	100
c. Think critically and analytically	fySGthink	PER_PREP	1 Not at all prepared	4	0	1	0	3	0	3	0	1	0
			2	14	1	8	1	6	1	7	1	7	1
			3	120	6	58	5	62	7	50	6	70	5
			4	468	21	257	21	209	23	210	24	254	20
			5	797	37	464	37	330	36	322	36	468	37
			6 Very prepared	776	36	461	37	306	33	298	33	474	37
			Total	2,179	100	1,249	100	916	100	890	100	1274	100
d. Analyze numerical and statistical information	fySGanalyze	PER_PREP	1 Not at all prepared	15	1	7	1	8	1	3	0	11	1
			2	80	4	31	2	49	5	42	5	38	3
			3	247	11	111	9	134	15	91	10	153	12
			4	545	25	301	24	240	26	237	27	302	24
			5	721	33	453	36	266	29	288	32	431	34
			6 Very prepared	571	26	347	28	218	24	231	26	337	26
			Total	2,179	100	1,250	100	915	100	892	100	1272	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	7	0	4	0	2	0	3	0	4	0
			2	20	1	12	1	7	1	13	1	7	1
			3	99	5	55	4	44	5	39	4	60	5
			4	343	16	181	15	161	18	153	17	187	15
			5	743	34	435	35	305	33	274	31	463	36
			6 Very prepared	967	44	559	45	399	43	409	46	552	43
			Total	2,179	100	1,246	100	918	100	891	100	1273	100
f. Use computing and information technology	cgncompt13	PER_PREP	1 Not at all prepared	14	1	6	0	8	1	5	1	9	1
			2	42	2	25	2	17	2	17	2	25	2
			3	200	9	120	10	80	9	57	6	142	11
			4	458	21	263	21	188	21	202	23	251	20
			5	691	32	391	31	298	33	268	30	421	33
			6 Very prepared	774	36	443	35	325	35	345	39	422	33
			Total	2,179	100	1,248	100	916	100	894	100	1270	100
g. Learn effectively on your own	cgningq	PER_PREP	1 Not at all prepared	6	0	2	0	4	0	4	0	2	0
			2	35	2	19	2	16	2	15	2	20	2
			3	178	8	83	7	95	10	68	8	109	9
			4	530	24	299	24	228	25	230	26	292	23
			5	717	33	408	33	305	33	281	32	433	34
			6 Very prepared	707	33	433	35	266	29	290	33	414	33
			Total	2,173	100	1,244	100	914	100	888	100	1270	100
21a. How many courses are you taking for credit this fall term?	fycourse	0	4	0	3	0	1	0	1	0	2	0	
		1	6	0	3	0	3	0	3	0	3	0	
		2	14	1	8	1	6	1	10	1	4	0	
		3	19	1	9	1	10	1	10	1	9	1	
		4	319	15	158	13	156	17	154	17	163	13	
		5	352	16	215	17	135	15	144	16	204	16	
		6	91	4	52	4	39	4	31	3	59	5	
		7 or more	120	5	66	5	54	6	58	6	62	5	
		Uncertain	1,265	58	738	59	520	56	484	54	774	60	
Total	2,190	100	1,252	100	924	100	895	100	1280	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	%						
b.	Of these courses, how many are entirely online?	fyonline																	
			0	921	42	517	42	399	43	368	41	546	43						
			1	62	3	38	3	23	3	34	4	28	2						
			2	25	1	11	1	14	2	18	2	7	1						
			3	3	0	1	0	2	0	2	0	1	0						
			4	3	0	2	0	1	0	2	0	1	0						
			5	1	0	0	0	1	0	1	0	0	0						
			6	2	0	0	0	2	0	2	0	0	0						
			7 or more	2	0	2	0	0	0	2	0	0	0						
			Uncertain	1,153	53	668	54	477	52	459	52	688	54						
			Total	2,172	100	1,239	100	919	100	888	100	1271	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	19	1	11	1	8	1	8	1	11	1						
			2	64	3	32	3	32	3	21	2	42	3						
			3	293	13	161	13	131	14	117	13	175	14						
			4	701	32	380	30	318	34	279	31	418	33						
			5	618	28	368	29	246	27	263	29	353	28						
			6 Very important	490	22	296	24	187	20	204	23	282	22						
			Total	2,185	100	1,248	100	922	100	892	100	1281	100						
b.	Support to help students succeed academically	fySEacad	IMP_CAMP																
			1 Not important	2	0	1	0	1	0	0	0	2	0						
			2	12	1	9	1	3	0	3	0	9	1						
			3	59	3	27	2	31	3	23	3	36	3						
			4	204	9	106	9	95	10	77	9	126	10						
			5	525	24	310	25	214	23	209	24	313	24						
			6 Very important	1,377	63	793	64	574	63	577	65	793	62						
			Total	2,179	100	1,246	100	918	100	889	100	1279	100						
c.	Opportunities to interact with students from different backgrounds (social, racial/ethnic, religious, etc.)	fySEdiv	IMP_CAMP																
			1 Not important	36	2	25	2	11	1	10	1	26	2						
			2	96	4	50	4	45	5	30	3	66	5						
			3	214	10	128	10	86	9	82	9	131	10						
			4	431	20	250	20	180	20	165	19	264	21						
			5	594	27	344	28	245	27	224	25	367	29						
			6 Very important	801	37	443	36	351	38	375	42	421	33						
			Total	2,172	100	1,240	100	918	100	886	100	1275	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	82	4	49	4	33	4	27	3	54	4
			2	134	6	77	6	57	6	43	5	90	7
			3	318	15	183	15	134	15	103	12	213	17
			4	500	23	291	23	208	23	201	23	297	23
			5	534	24	296	24	232	25	224	25	308	24
			6 Very important	615	28	351	28	257	28	294	33	318	25
			Total	2,183	100	1,247	100	921	100	892	100	1280	100
e. Opportunities to be involved socially	fySEsoc	IMP_CAMP	1 Not important	34	2	18	1	16	2	17	2	16	1
			2	68	3	38	3	29	3	25	3	43	3
			3	176	8	101	8	73	8	76	9	100	8
			4	433	20	254	20	177	19	172	19	260	20
			5	658	30	368	30	286	31	273	31	383	30
			6 Very important	810	37	467	37	337	37	328	37	475	37
			Total	2,179	100	1,246	100	918	100	891	100	1277	100
f. Opportunities to attend campus activities and events	fySEact	IMP_CAMP	1 Not important	26	1	14	1	11	1	19	2	7	1
			2	75	3	34	3	39	4	31	3	44	3
			3	145	7	85	7	60	7	65	7	80	6
			4	367	17	216	17	150	16	141	16	225	18
			5	663	31	384	31	275	30	266	30	393	31
			6 Very important	893	41	507	41	379	41	367	41	521	41
			Total	2,169	100	1,240	100	914	100	889	100	1270	100
g. Learning support services (tutoring services, writing center, etc.)	fySEserv	IMP_CAMP	1 Not important	11	1	6	0	5	1	5	1	6	0
			2	25	1	14	1	10	1	5	1	20	2
			3	108	5	53	4	54	6	35	4	73	6
			4	312	14	198	16	111	12	125	14	187	15
			5	544	25	317	26	225	25	223	25	319	25
			6 Very important	1,163	54	648	52	507	56	490	55	664	52
			Total	2,163	100	1,236	100	912	100	883	100	1269	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	1,715	79	996	80	709	78	604	69	1101	86
		Not using	278	13	146	12	129	14	184	21	92	7
		Not sure	172	8	99	8	72	8	91	10	81	6
		Total	2,165	100	1,241	100	910	100	879	100	1274	100
b. Loans	fyloans	Using	969	46	515	42	450	50	470	54	493	40
		Not using	689	32	422	35	265	29	203	23	481	39
		Not sure	470	22	281	23	185	21	201	23	267	22
		Total	2,128	100	1,218	100	900	100	874	100	1241	100
c. Grants or scholarships	fygrants	Using	1,481	69	940	76	530	59	644	73	828	66
		Not using	330	15	142	12	187	21	114	13	213	17
		Not sure	329	15	150	12	178	20	120	14	209	17
		Total	2,140	100	1,232	100	895	100	878	100	1250	100
d. Job or personal savings	fyjob	Using	1,418	66	821	67	595	66	624	71	786	63
		Not using	422	20	231	19	187	21	143	16	278	22
		Not sure	300	14	178	14	118	13	113	13	184	15
		Total	2,140	100	1,230	100	900	100	880	100	1248	100
e. Other	fyother	Using	290	16	155	15	133	18	145	20	144	14
		Not using	593	34	328	32	262	36	219	30	370	36
		Not sure	880	50	530	52	343	46	358	50	517	50
		Total	1,763	100	1,013	100	738	100	722	100	1031	100
24. What do you expect most of your grades will be during the coming year? (Select only one.)												
	fygrades	C- or lower	1	0	1	0	0	0	1	0	0	0
		C	4	0	1	0	3	0	1	0	3	0
		C+	10	0	3	0	7	1	7	1	2	0
		B-	50	2	10	1	40	4	23	3	27	2
		B	244	11	81	6	162	17	100	11	143	11
		B+	540	25	239	19	295	32	240	27	297	23
		A-	843	38	562	45	280	30	339	38	503	39
		A	501	23	355	28	139	15	188	21	310	24
		Grades not used	1	0	0	0	1	0	0	0	1	0
		Total	2,194	100	1,252	100	927	100	899	100	1286	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	13	1	6	0	7	1	3	0	10	1
			Yes	2,083	95	1,202	96	866	93	860	96	1214	94
			Uncertain	96	4	41	3	55	6	35	4	61	5
			Total	2,192	100	1,249	100	928	100	898	100	1285	100
26. Do you know what your major will be?	fymajor		No	285	13	142	11	141	15	114	13	166	13
			Yes, specify:	1,908	87	1,109	89	786	85	785	87	1119	87
			Total	2,193	100	1,251	100	927	100	899	100	1285	100
Recoded variable <i>fymajcode</i> into one of 12 major categories listed at right	fymajrcol		Arts & Humanities	147	8	81	7	64	8	59	8	88	8
			Biological Sciences, Agriculture, & Natural Resources	223	12	152	14	70	9	105	13	117	11
			Physical Sciences, Mathematics, & Computer Science	97	5	56	5	40	5	44	6	52	5
			Social Sciences	127	7	64	6	63	8	50	6	77	7
			Business	249	13	139	13	109	14	101	13	148	13
			Communications, Media & Public Relations	80	4	37	3	43	5	28	4	52	5
			Education	79	4	44	4	35	4	32	4	47	4
			Engineering	380	20	223	20	153	20	153	20	225	20
			Health Professions	414	22	256	23	155	20	166	21	248	22
			Social Service Professions	35	2	15	1	20	3	18	2	17	2
			All Other	61	3	31	3	29	4	21	3	40	4
			Undecided/undeclared	3	0	2	0	1	0	2	0	1	0
			Total	1,895	100	1,100	100	782	100	779	100	1112	100
27. Are you (or will you be) a full-time student this fall term?	fyfulltime		No	32	1	13	1	19	2	23	3	9	1
			Yes	2,155	99	1,234	99	906	98	871	97	1276	99
			Total	2,187	100	1,247	100	925	100	894	100	1285	100
28. How many of your close friends will attend this college during the coming year?	fyfriends		None	753	34	404	32	341	37	321	36	429	33
			1	378	17	223	18	153	17	160	18	218	17
			2	337	15	208	17	126	14	129	14	206	16
			3	229	10	128	10	100	11	99	11	129	10
			4 or more	495	23	289	23	205	22	188	21	305	24
			Total	2,192	100	1,252	100	925	100	897	100	1287	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	1,502	69	868	69	624	67	648	72	848	66
			Second choice	516	24	283	23	230	25	191	21	324	25
			Third choice	125	6	69	6	55	6	47	5	78	6
			Fourth choice	24	1	18	1	5	1	7	1	17	1
			Fifth choice or lower	24	1	12	1	12	1	5	1	19	1
			Total	2,191	100	1,250	100	926	100	898	100	1286	100
30. What is your gender identity?	fygender		Man	933	43	467	37	457	49	408	45	522	41
			Women	1,236	56	771	62	460	50	482	54	751	58
			Another gender identity	12	1	7	1	5	1	4	0	8	1
			Prefer not to respond	13	1	7	1	6	1	6	1	6	0
			Total	2,194	100	1,252	100	928	100	900	100	1287	100
31. Are you an international student or foreign national?	fyinternat		No	2,106	96	1,205	96	891	96	863	96	1237	96
			Yes	81	4	44	4	34	4	34	4	46	4
			Total	2,187	100	1,249	100	925	100	897	100	1283	100
32. What is your racial or ethnic identification? (recoded as mutually exclusive with addition of multiracial variable)	FYrace		American Indian or Alaska Native	9	0	4	0	5	1	5	1	4	0
			Asian	90	4	59	5	30	3	32	4	58	5
			Black or African American	127	6	51	4	73	8	56	6	71	6
			Hispanic or Latino	380	17	188	15	190	21	257	29	122	10
			Native Hawaiian or Other Pacific Islander	4	0	1	0	3	0	1	0	3	0
			White	1,261	58	760	61	494	53	412	46	847	66
			Multiracial	269	12	155	12	113	12	122	14	146	11
			Other	7	0	3	0	4	0	5	1	2	0
			I prefer not to respond	36	2	23	2	13	1	9	1	26	2

	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	84	4	42	3	39	4	84	9	0	0
			High school diploma or G.E.D.	372	17	180	14	189	20	372	41	0	0
			Attended college but did not complete degree	273	12	155	12	117	13	273	30	0	0
			Associate's degree (A.A., A.S., etc.)	171	8	92	7	76	8	171	19	0	0
			Bachelor's degree (B.A., B.S., etc.)	767	35	463	37	303	33	0	0	767	60
			Master's degree (M.A., M.S., etc.)	401	18	246	20	152	16	0	0	401	31
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	120	5	69	6	50	5	0	0	120	9
			Total	2,188	100	1,247	100	926	100	900	100	1288	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	215	10	134	11	80	9	104	12	110	9
			At least 1, less than 2 hours	90	4	64	5	26	3	46	5	44	3
			At least 2, less than 4 hours	171	8	132	11	39	4	83	9	87	7
			At least 4, less than 6 hours	617	28	341	27	274	30	232	26	384	30
			At least 6, less than 8 hours	579	27	334	27	240	26	231	26	348	27
			8 hours or more	507	23	237	19	265	29	199	22	308	24
			Total	2,179	100	1,242	100	924	100	895	100	1281	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	1,778	81	1,043	84	726	79	670	75	1107	86
			Residence (house, apartment, etc.) within walking distance to campus	139	6	53	4	84	9	76	8	62	5
			Residence (house, apartment, etc.) farther than walking distance to campus	257	12	145	12	109	12	143	16	112	9
			None of the above	12	1	8	1	4	0	8	1	4	0
			Total	2,186	100	1,249	100	923	100	897	100	1285	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
Texas Tech 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

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 2016 Mean Scale Scores and Selected Student Comparisons Texas Tech University

BCSSE Scales ^a	Variable	All Students			Self-Reported High School grades				First-Generation ^d Comparisons			
					Means		Tests of mean differences		Means		Tests of mean differences	
					A- or higher	B+ or lower	Sig ^b	Effect size ^c	FG	Non-FG	Sig ^b	Effect size ^c
Quantitative Reasoning <i>High school engagement with analysis and numerical information</i>	HS_QR	32.55	15.40	2,066	32.98	32.00		.06	31.57	33.26	*	-.11
Learning Strategies <i>Use of effective learning strategies in high school</i>	HS_LS	38.15	13.19	2,066	38.90	37.21	**	.13	37.18	38.82	**	-.12
Collaborative Learning <i>Expectation to interact and collaborate with peers</i>	EXP_CL	40.19	11.65	2,066	40.32	40.02		.03	40.07	40.25		-.02
Student-Faculty Interaction <i>Expectation to interaction and engage with faculty</i>	EXP_SFI	33.76	13.96	2,066	33.80	33.75		.00	34.38	33.34		.07
Expected Discussions with Diverse Others <i>Expectation to engage in discussions with diverse others</i>	EXP_DD	47.16	13.40	2,066	47.73	46.41	*	.10	46.62	47.55		-.07
Expected Academic Perseverance <i>Student certainty that they will persist in the face of academic adversity</i>	EXP_PER	45.38	9.09	2,066	45.55	45.11		.05	45.69	45.16		.06
Expected Academic Difficulty <i>Expected academic difficulty during the first year of college</i>	EXP_DIF	29.45	10.91	2,066	29.43	29.47		.00	29.51	29.43		.01

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	46.72	8.90	2,066	47.35	45.86	***	.17	46.54	46.86		-.03
Importance of Campus Environment <i>Student-rated importance that the institution provides a challenging and supportive environment</i>	IMP_CAMP	46.66	9.60	2,066	46.78	46.49		.03	47.31	46.20	**	.12

^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