



Grand Results

BCSSE 2009-NSSE 2010 Respondent Characteristics
October 2010

This report contains the overall results for all institutions that participated in BCSSE 2009 and NSSE 2010. Respondents to either survey that were not at an institution that did both surveys, are not included in any of these results. The *BCSSE 2009-NSSE 2010 Combined Report* contains two sections, cross-sectional results and longitudinal results. The *cross-sectional* results include frequencies from *all* respondents at institutions that participated in both BCSSE and NSSE. For comparison purposes, only similar items on both instruments are included in this section (there were 23 items in the BCSSE survey identical or similar to items in the NSSE survey). Using all the BCSSE and NSSE data provides the best estimates of incoming first-year student characteristics and their end-of-year engagement at BCSSE-NSSE institutions.

The *longitudinal* results in your BCSSE08-NSSE09 Combined Report already included comparative results with similar institutions with same Carnegie classification. This report includes the overall comparative results for the respondent characteristics, the cross-sectional frequencies, and the longitudinal results for all BCSSE-NSSE institutions where data could be matched at the student level.

BCSSE 2009 - NSSE 2010 Samples

	Count
BCSSE 2009 respondents (cross-sectional data)	71,851
First-year students included in NSSE population file	n/a
BCSSE respondents identified in the NSSE population file	n/a
BCSSE 2009 respondents invited to participate in NSSE 2010	n/a
NSSE 2010 first-year respondents	31,918
BCSSE 2009 - NSSE 2010 matched respondents (longitudinal data)	17,623

Respondent Characteristics	Cross-Sectional ¹		Longitudinal
	BCSSE	NSSE	BCSSE-NSSE ²
Gender			
Female	59%	65%	68%
Male	41%	35%	32%
Ethnicity			
Am. Indian/Native American	1%	1%	1%
Asian/Asian Am./Pacific Isl.	5%	7%	5%
Black/African American	9%	9%	7%
White (non-Hispanic)	71%	68%	72%
Mexican/Mexican American	3%	3%	3%
Puerto Rican	1%	1%	1%
Other Hispanic/Latino	3%	3%	3%
Multiracial	3%	3%	3%
Other	1%	2%	1%
I prefer not to respond	3%	5%	5%
Enrollment Status			
Full-time	99%	97%	99%
Less than full-time	1%	3%	1%

¹ Student reported characteristics for respondents enrolled at institutions that participated in both BCSSE 2009 and NSSE 2010.

² Student reported characteristics for matched students who completed both BCSSE 2009 and NSSE 2010.



Grand Results

BCSSE 2009-NSSE 2010 Combined Report
Cross-Sectional and Longitudinal Results
October 2010

The cross-sectional results are based on *all* first-year student respondents from institutions that participated in BCSSE 2009 and NSSE 2010 administrations (in contrast to the longitudinal results which contain only *matched* data). These data provide the best estimates of the first-year students' pre-college characteristics and their engagement during the first year. By presenting BCSSE-NSSE cross-sectional results side-by-side, you can identify areas of correspondence as well as gaps in engagement to develop a better understanding of the first-year student experience.

Variables

The items from the BCSSE and NSSE surveys appear in the left column of the report with same or similar wording as they appear on the instruments.

Response Options

Response options presented on the survey were collapsed into fewer categories for reporting purposes.

Data Source

These columns present the overall BCSSE 2008 frequencies and NSSE 2009 frequencies.

How many hours in a typical 7-day week doing each of the following?

	BCSSE				NSSE		
	High School		Expected FY		First Year		
	Count	%	Count	%	Count	%	
Preparing for class (studying, doing homework, rehearsing, etc.)	None	14	4	0	0	2	1
	1-10	198	57	62	18	109	52
	11-20	90	26	162	47	69	33
	More than 20	42	12	121	35	29	14
	Total	344	100	345	100	209	100

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.

<i>How many hours in a typical 7-day week doing each of the following?</i>		BCSSE ¹				NSSE	
		High School		Expected FY		First Year	
		Count	%	Count	%	Count	%
Preparing for class (studying, doing homework, rehearsing, etc.)	None	1,532	2	103	0	108	0
	1-10	48,908	68	12,534	18	9,374	33
	11-20	16,510	23	36,320	51	12,252	43
	More than 20	4,891	7	21,898	31	6,975	24
	Total	71,841	100	70,855	100	28,709	100
Working for pay	No	24,209	34	17,742	25	16,650	58
	Yes	47,611	66	52,953	75	12,000	42
	Total	71,820	100	70,695	100	28,650	100
Participating in co-curricular activities (arts, clubs, athletics, etc.)	None	7,019	10	4,527	6	9,224	32
	1-10	27,828	39	37,140	52	13,948	49
	11-20	23,841	33	22,895	32	3,927	14
	More than 20	13,163	18	6,268	9	1,623	6
	Total	71,851	100	70,830	100	28,722	100
Relaxing and socializing (watching TV, partying, etc.)	None	271	0	519	1	283	1
	1-10	30,239	42	36,361	51	14,209	50
	11-20	26,882	37	27,214	38	10,259	36
	More than 20	14,441	20	6,790	10	3,903	14
	Total	71,833	100	70,884	100	28,654	100
<i>How often did you do or expect to do each of the following?</i>							
Ask questions in class or contribute to class discussions	Never/Sometimes	18,437	26	15,109	21	12,526	39
	Often/Very often	53,269	74	55,871	79	19,287	61
	Total	71,706	100	70,980	100	31,813	100
Make a class presentation	Never/Sometimes	35,002	49	26,414	37	20,932	66
	Often/Very often	36,610	51	44,399	63	10,875	34
	Total	71,612	100	70,813	100	31,807	100
Come to class without completing readings or assignments	Never/Sometimes	65,518	92			26,105	82
	Often/Very often	6,021	8			5,705	18
	Total	71,539	100			31,810	100
Discuss grades or assignments with a teacher/instructor	Never/Sometimes	33,795	47	22,209	31	14,837	49
	Often/Very often	37,644	53	48,626	69	15,594	51
	Total	71,439	100	70,835	100	30,431	100
Work with other students on projects during class	Never/Sometimes	24,886	35	28,672	41	17,674	56
	Often/Very often	46,665	65	42,065	60	14,141	44
	Total	71,551	100	70,737	100	31,815	100

¹ Blank cells indicate BCSSE items with no similar item on NSSE.

<i>How often did you do or expect to do each of the following?</i>		BCSSE ¹				NSSE	
		High School		Expected FY		First Year	
		Count	%	Count	%	Count	%
Work with classmates outside of class to prepare class assignments	Never/Sometimes	48,961	68	19,526	28	16,719	52
	Often/Very often	22,695	32	51,214	72	15,199	48
	Total	71,656	100	70,740	100	31,918	100
Prepare two or more drafts of a paper or assignment before turning it in	Never/Sometimes	39,355	55			13,945	44
	Often/Very often	32,128	45			17,761	56
	Total	71,483	100			31,706	100
Have serious conversations with students of a different race or ethnicity than your own.	Never/Sometimes	35,061	49	24,413	35	14,525	49
	Often/Very often	36,289	51	46,136	65	15,436	52
	Total	71,350	100	70,549	100	29,961	100
Discuss ideas from your readings or classes with teacher/faculty members outside of class	Never/Sometimes	52,197	73	36,482	52	23,962	79
	Often/Very often	19,063	27	34,297	49	6,517	21
	Total	71,260	100	70,779	100	30,479	100
Discuss ideas from your readings or classes with others outside of class (students, family members, etc.)	Never/Sometimes	39,437	55	27,414	39	12,324	41
	Often/Very often	31,865	45	43,177	61	17,564	59
	Total	71,302	100	70,591	100	29,888	100
Talked with a counselor, teacher, or other staff member about college or career plans	Never/Sometimes	30,972	43			20,205	66
	Often/Very often	40,413	57			10,236	34
	Total	71,385	100			30,441	100
Had serious conversations with students who are very different from you in terms of relig. beliefs, pol. opinions, or values	Never/Sometimes	35,097	49	21,631	31	13,071	44
	Often/Very often	36,132	51	48,915	69	16,890	56
	Total	71,229	100	70,546	100	29,961	100
Work on a paper or project that requires integrating ideas or information from various sources	Never/Sometimes			6,650	9	6,646	21
	Often/Very often			64,087	91	25,170	79
	Total			70,737	100	31,816	100
Put together ideas or concepts from different courses when completing assignments or during class discussions	Never/Sometimes			15,949	23	13,310	44
	Often/Very often			54,816	78	17,081	56
	Total			70,765	100	30,391	100
Receive prompt feedback from faculty on your academic performance (written or oral)	Never/Sometimes			22,754	32	12,067	40
	Often/Very often			47,918	68	17,837	60
	Total			70,672	100	29,904	100
Work with faculty members on activities other than coursework (committees, orientation, student life activities, etc)	Never/Sometimes			38,623	55	24,857	83
	Often/Very often			31,968	45	4,969	17
	Total			70,591	100	29,826	100
Try to better understand someone else's views by imagining how an issue looks from his or her perspective	Never/Sometimes			14,690	21	11,202	38
	Often/Very often			55,911	79	18,101	62
	Total			70,601	100	29,303	100
Learn something that changes the way you understand an issue or idea	Never/Sometimes			12,619	18	9,727	33
	Often/Very often			57,946	82	19,633	67
	Total			70,565	100	29,360	100
Grades	A or A-	33,872	47	29,386	42	11,400	41
	B or B+	29,989	42	34,660	50	11,313	41
	B- or lower	7,874	11	5,643	8	5,125	18
	Total	71,735	100	69,689	100	27,838	100

¹ Blank cells indicate BCSSE items with no similar item on NSSE.

These longitudinal results contain matched data from all first-year students who completed *both* the BCSSE 2009 and NSSE 2010 surveys. The purpose of this report is to analyze the relationships between incoming student characteristics and their reported engagement near the end of their first year. With longitudinal data, you can more effectively identify how students with varying levels of pre-college characteristics were actually engaged during their first year of college.

Six BCSSE scales are categorized into quartile ranges based on the lower 25 percent (Low25), the middle 50 percent (Mid50), and the upper 25 percent (Top25) of respondents.

BCSSE Scales

The following BCSSE scales were constructed by converting the responses for each item to a 0-10 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.

<i>High School Academic Engagement</i>	Student engagement in educationally relevant activities during the last year of high school. (hreadasg, hwrite5, hwrite5m, hacadpr, helquest, hclprese, hfacgrad, hclassgr, hoccgrp, hrewropa, hfacidea, hoocidea)
<i>Expected Academic Engagement</i>	Expected engagement in educationally relevant behaviors during the first year of college. (cacadpr, cclquest, cclprese, cfacgrad, cclassgr, coccgrp, cfacidea, coocidea)
<i>Expected Academic Perseverance</i>	Student certainty that they will persist in the face of academic adversity. (cotherint, cfindinfo, ccourdis, caskinst, cfinish, cstaypos)
<i>Expected Academic Difficulty</i>	Expected academic difficulty during the first year of college. (clearnma, cmantime, cgethelp, cintfac)
<i>Perceived Academic Preparation</i>	Student perception of their academic preparation. (cgnwrite, cgnspeak, cgnanaly, cgnquant, cgncompt, cgnother, cgning)
<i>Importance of Campus Environment</i>	Student-rated importance that the institution provides a challenging and supportive environment. (cenvscho, cenvsupr, cenvdivr, cenvnaca, cenvsoca, cenveven)

NSSE Benchmarks of Effective Educational Practice

Also included in this report are four of the five NSSE Benchmarks, with the component items in parentheses: ¹

<i>Level of Academic Challenge (adjusted)</i>	Engagement in challenging and intellectually diverse work. (readasgn, writemor, writemid, writesml, analyze, synthesz, evaluate, applying, workhard, acadpr01, envschol)
<i>Active & Collaborative Learning:</i>	Engagement in collaborative learning and learning in different settings. (clquest, clpresen, classgrp, occgrp, tutor, commproj, oocideas)
<i>Student-Faculty Interaction</i>	Student engagement with faculty as instructors, role models, and mentors. (facgrade, facideas, facplans, facfeed, facother, resrch04)
<i>Supportive Campus Environment</i>	Quality of campus environment to support student success. (envsocal, envsuprt, envnacad, envstu, envfac, envadm)

¹ The benchmark "Enriching Educational Experiences" is not included in this section of the report given that it measures the participation in many activities not typically completed by first-year students (internships, capstone courses, study abroad, etc).

BCSSE Scales by NSSE Level of Academic Challenge (LAC)

BCSSE Scale	Quartile Range ¹	Level of Academic Challenge All BCSSE09-NSSE10 Data		
		Mean	SD	N
High School Academic Engagement	Low25	48.0	12.9	2019
	Mid50	54.0	12.0	7217
	Top25	60.5	12.4	3980
Expected Academic Engagement	Low25	49.4	12.4	3321
	Mid50	55.2	12.1	6560
	Top25	60.5	12.8	3231
Expected Academic Perseverance	Low25	50.9	12.3	4257
	Mid50	55.2	12.3	5273
	Top25	59.8	13.0	3543
Expected Academic Difficulty	Low25	55.8	13.3	2898
	Mid50	54.8	12.8	6173
	Top25	54.9	13.0	3543
Perceived Academic Preparation	Low25	51.7	12.9	3436
	Mid50	55.4	12.4	7072
	Top25	58.9	13.4	2522
Importance of Campus Environment	Low25	50.4	13.0	1924
	Mid50	54.0	12.4	6400
	Top25	58.3	12.9	4667
All matched BCSSE-NSSE Respondents		55.0	13.0	13331

BCSSE Scales by NSSE Active and Collaborative Learning (ACL)

BCSSE Scale	Quartile Range ¹	Active and Collaborative Learning		
		All BCSSE09-NSSE10 Data		
		Mean	SD	N
High School Academic Engagement	Low25	35.3	14.6	2172
	Mid50	42.2	14.5	7717
	Top25	50.8	16.6	4232
Expected Academic Engagement	Low25	36.4	13.7	3545
	Mid50	43.7	14.7	7021
	Top25	51.3	17.2	3436
Expected Academic Perseverance	Low25	39.5	14.9	4550
	Mid50	43.7	15.1	5643
	Top25	48.8	17.1	3770
Expected Academic Difficulty	Low25	46.1	16.8	3094
	Mid50	43.5	15.6	6618
	Top25	42.3	15.9	4235
Perceived Academic Preparation	Low25	40.2	15.4	3701
	Mid50	43.7	15.4	7521
	Top25	48.7	17.2	2692
Importance of Campus Environment	Low25	40.0	15.6	2079
	Mid50	42.7	15.1	6837
	Top25	46.6	16.9	4958
All matched BCSSE-NSSE Respondents		43.7	16.0	14239

BCSSE Scales by NSSE Student-Faculty Interaction (SFI)

BCSSE Scale	Quartile Range ¹	Student-Faculty Interaction All BCSSE09-NSSE10 Data		
		Mean	SD	N
High School Academic Engagement	Low25	27.8	15.2	2038
	Mid50	33.9	15.9	7277
	Top25	43.1	19.3	4003
Expected Academic Engagement	Low25	28.3	14.3	3355
	Mid50	35.3	16.5	6607
	Top25	44.2	19.6	3248
Expected Academic Perseverance	Low25	31.0	15.8	4280
	Mid50	35.6	16.7	5322
	Top25	41.6	19.5	3568
Expected Academic Difficulty	Low25	38.6	19.1	2923
	Mid50	35.4	16.9	6225
	Top25	34.2	17.6	4007
Perceived Academic Preparation	Low25	32.8	16.7	3463
	Mid50	35.5	17.1	7125
	Top25	40.4	19.7	2539
Importance of Campus Environment	Low25	30.9	16.3	1942
	Mid50	34.4	16.8	6451
	Top25	39.5	18.7	4696
All matched BCSSE-NSSE Respondents		35.7	17.7	13435

BCSSE Scales by NSSE Supportive Campus Environment (SCE)

BCSSE Scale	Quartile Range ¹	Supportive Campus Environment All BCSSE09-NSSE10 Data		
		Mean	SD	N
High School Academic Engagement	Low25	60.0	17.8	1921
	Mid50	63.4	17.2	6972
	Top25	67.5	18.5	3837
Expected Academic Engagement	Low25	59.6	16.7	3209
	Mid50	64.1	17.3	6332
	Top25	68.8	18.9	3089
Expected Academic Perseverance	Low25	60.0	17.1	4099
	Mid50	64.5	17.0	5092
	Top25	68.6	18.8	3402
Expected Academic Difficulty	Low25	67.3	18.3	2783
	Mid50	64.5	17.1	5951
	Top25	61.3	18.2	3843
Perceived Academic Preparation	Low25	60.7	17.4	3308
	Mid50	64.6	17.3	6817
	Top25	67.5	19.2	2426
Importance of Campus Environment	Low25	58.2	17.3	1855
	Mid50	63.0	17.0	6163
	Top25	68.2	18.3	4493
All matched BCSSE-NSSE Respondents		64.1	17.8	12840