



# Grand Results

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BCSSE 2011-NSSE 2012 Respondent Characteristics  
September 2012

This report contains the overall results for all institutions that participated in BCSSE 2011 and NSSE 2012. Respondents to either survey that were not at an institution that did both surveys, are not included in any of these results. The *BCSSE 2011-NSSE 2012 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 BCSSE11-NSSE12 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 2011 - NSSE 2012 Samples

	<b>Count</b>
BCSSE 2011 respondents (cross-sectional data)	47,282
First-year students included in NSSE population file	n/a
BCSSE respondents identified in the NSSE population file	n/a
BCSSE 2011 respondents invited to participate in NSSE 2012	n/a
NSSE 2012 first-year respondents	19,660
BCSSE 2011 - NSSE 2012 matched respondents (longitudinal data)	10,944

<b>Respondent Characteristics</b>	<b>Cross-Sectional<sup>1</sup></b>		<b>Longitudinal</b>
	<b>BCSSE</b>	<b>NSSE</b>	<b>BCSSE-NSSE<sup>2</sup></b>
<b>Gender</b>			
Female	58%	67%	68%
Male	42%	33%	32%
<b>Ethnicity</b>			
Am. Indian/Native American	1%	1%	1%
Asian/Asian Am./Pacific Isl.	6%	6%	5%
Black/African American	11%	10%	8%
White (non-Hispanic)	70%	68%	72%
Mexican/Mexican American	2%	3%	3%
Puerto Rican	1%	1%	1%
Other Hispanic/Latino	3%	3%	3%
Multiracial	3%	3%	3%
Other	1%	1%	1%
I prefer not to respond	2%	4%	4%
<b>Enrollment Status</b>			
Full-time	99%	97%	99%
Less than full-time	1%	3%	1%

<sup>1</sup> Student reported characteristics for respondents enrolled at institutions that participated in both BCSSE 2011 and NSSE 2012.

<sup>2</sup> Student reported characteristics for matched students who completed both BCSSE 2011 and NSSE 2012.



# Grand Results

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BCSSE 2011-NSSE 2012 Combined Report  
Cross-Sectional and Longitudinal Results  
September 2012

The cross-sectional results are based on *all* first-year student respondents from institutions that participated in BCSSE 2011 and NSSE 2012 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 2011 frequencies and NSSE 2012 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
	<b>Total</b>	<b>344</b>	<b>100</b>	<b>345</b>	<b>100</b>	<b>209</b>	<b>100</b>

**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 <sup>1</sup>				NSSE	
		High School		Expected FY		First Year	
		Count	%	Count	%	Count	%
Preparing for class (studying, doing homework, rehearsing, etc.)	None	1,000	2	79	0	39	0
	1-10	30,275	65	8,320	18	5,944	34
	11-20	11,537	25	23,200	50	7,326	42
	More than 20	3,941	8	14,521	31	4,231	24
	Total	46,753	100	46,120	100	17,540	100
Working for pay	No	18,469	40	12,770	28	9,802	56
	Yes	28,261	60	33,282	72	7,691	44
	Total	46,730	100	46,052	100	17,493	100
Participating in co-curricular activities (arts, clubs, athletics, etc.)	None	3,803	8	2,839	6	5,484	31
	1-10	17,632	38	21,574	47	8,425	48
	11-20	16,244	35	16,557	36	2,620	15
	More than 20	9,084	19	5,168	11	1,045	6
	Total	46,763	100	46,138	100	17,574	100
Relaxing and socializing (watching TV, partying, etc.)	None	249	1	388	1	205	1
	1-10	20,616	44	23,932	52	9,407	54
	11-20	17,370	37	17,534	38	5,741	33
	More than 20	8,533	18	4,295	9	2,130	12
	Total	46,768	100	46,149	100	17,483	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	10,959	23	8,631	19	7,206	37
	Often/Very often	35,717	77	37,601	81	12,333	63
	Total	46,676	100	46,232	100	19,539	100
Make a class presentation	Never/Sometimes	20,625	44	15,368	33	12,710	65
	Often/Very often	25,977	56	30,694	67	6,800	35
	Total	46,602	100	46,062	100	19,510	100
Come to class without completing readings or assignments	Never/Sometimes	42,742	92			16,263	83
	Often/Very often	3,795	8			3,240	17
	Total	46,537	100			19,503	100
Discuss grades or assignments with a teacher/instructor	Never/Sometimes	20,571	44	13,259	29	8,381	45
	Often/Very often	25,932	56	32,870	71	10,190	55
	Total	46,503	100	46,129	100	18,571	100
Work with other students on projects <b>during class</b>	Never/Sometimes	15,348	33	18,423	40	11,271	58
	Often/Very often	31,247	67	27,639	60	8,212	42
	Total	46,595	100	46,062	100	19,483	100

<sup>1</sup> 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 <sup>1</sup>				NSSE	
		High School		Expected FY		First Year	
		Count	%	Count	%	Count	%
Work with classmates <b>outside of class</b> to prepare class assignments	Never/Sometimes	30,469	65	11,867	26	10,344	53
	Often/Very often	16,163	35	34,232	74	9,225	47
	Total	46,632	100	46,099	100	19,569	100
Prepare two or more drafts of a paper or assignment before turning it in	Never/Sometimes	25,401	55			8,738	45
	Often/Very often	21,117	45			10,708	55
	Total	46,518	100			19,446	100
Have serious conversations with students of a different race or ethnicity than your own.	Never/Sometimes	21,095	45	14,405	31	8,395	46
	Often/Very often	25,369	55	31,553	69	9,956	54
	Total	46,464	100	45,958	100	18,351	100
Discuss ideas from your readings or classes with teacher/faculty members outside of class	Never/Sometimes	32,690	70	22,339	48	14,372	77
	Often/Very often	13,716	30	23,769	52	4,258	23
	Total	46,406	100	46,108	100	18,630	100
Discuss ideas from your readings or classes with others outside of class (students, family members, etc.)	Never/Sometimes	24,872	54	17,221	37	7,450	41
	Often/Very often	21,523	46	28,722	63	10,849	59
	Total	46,395	100	45,943	100	18,299	100
Talked with a counselor, teacher, or other staff member about college or career plans	Never/Sometimes	18,195	39			11,971	64
	Often/Very often	28,251	61			6,622	36
	Total	46,446	100			18,593	100
Had serious conversations with students who are very different from you in terms of relig. beliefs, pol. opinions, or values	Never/Sometimes	22,465	48	13,235	29	8,109	44
	Often/Very often	23,915	52	32,727	71	10,237	56
	Total	46,380	100	45,962	100	18,346	100
Work on a paper or project that requires integrating ideas or information from various sources	Never/Sometimes			3,966	9	4,065	21
	Often/Very often			42,087	91	15,452	79
	Total			46,053	100	19,517	100
Put together ideas or concepts from different courses when completing assignments or during class discussions	Never/Sometimes			9,368	20	8,010	43
	Often/Very often			36,706	80	10,548	57
	Total			46,074	100	18,558	100
Receive prompt feedback from faculty on your academic performance (written or oral)	Never/Sometimes			13,024	28	6,998	38
	Often/Very often			33,008	72	11,357	62
	Total			46,032	100	18,355	100
Work with faculty members on activities other than coursework (committees, orientation, student life activities, etc)	Never/Sometimes			22,591	49	14,766	81
	Often/Very often			23,363	51	3,507	19
	Total			45,954	100	18,273	100
Try to better understand someone else's views by imagining how an issue looks from his or her perspective	Never/Sometimes			8,470	18	6,699	37
	Often/Very often			37,482	82	11,219	63
	Total			45,952	100	17,918	100
Learn something that changes the way you understand an issue or idea	Never/Sometimes			7,310	16	5,963	33
	Often/Very often			38,609	84	11,972	67
	Total			45,919	100	17,935	100
<b>Grades</b>	A or A-	4,244	9	2,669	6	2,666	16
	B or B+	18,749	40	20,460	45	6,480	38
	B- or lower	23,675	51	22,333	49	7,770	46
	Total	46,668	100	45,462	100	16,916	100

<sup>1</sup> 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 2011 and NSSE 2012 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, hclquest, 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: <sup>1</sup>

<i>Level of Academic Challenge (adjusted)</i>	Engagement in challenging and intellectually diverse work. (readasgn, writemor, writemid, writesml, analyze, synthesize, evaluate, applying, workhard, acadpr01, envschol)
<i>Active &amp; 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 )

<sup>1</sup> 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 <sup>1</sup>	Level of Academic Challenge All BCSSE10-NSSE11 Data		
		Mean	SD	N
High School Academic Engagement	Low25	50.1	12.3	2473
	Mid50	55.9	12.2	5078
	Top25	61.5	12.5	2526
Expected Academic Engagement	Low25	50.5	12.3	2591
	Mid50	55.9	12.1	4909
	Top25	61.3	12.8	2500
Expected Academic Perseverance	Low25	50.8	12.2	2236
	Mid50	55.4	12.4	4637
	Top25	60.3	12.8	3097
Expected Academic Difficulty	Low25	57.2	13.4	2491
	Mid50	55.3	12.6	5659
	Top25	55.7	13.2	1813
Perceived Academic Preparation	Low25	52.4	12.8	2609
	Mid50	56.3	12.6	5295
	Top25	59.3	12.9	2048
Importance of Campus Environment	Low25	51.6	13.0	2022
	Mid50	55.8	12.3	5496
	Top25	59.7	13.1	2421
All matched BCSSE-NSSE Respondents		55.8	12.9	10151



**BCSSE Scales by NSSE Active and Collaborative Learning (ACL)**

BCSSE Scale	Quartile Range <sup>1</sup>	Active and Collaborative Learning		
		All BCSSE10-NSSE11 Data		
		Mean	SD	N
High School Academic Engagement	Low25	37.7	14.5	2668
	Mid50	44.3	15.2	5464
	Top25	52.4	17.2	2702
Expected Academic Engagement	Low25	37.1	13.8	2774
	Mid50	44.5	15.0	5276
	Top25	52.8	17.5	2694
Expected Academic Perseverance	Low25	39.8	15.5	2433
	Mid50	43.9	15.4	4938
	Top25	49.5	17.1	3333
Expected Academic Difficulty	Low25	47.6	17.3	2680
	Mid50	44.1	15.9	6077
	Top25	42.6	16.0	1939
Perceived Academic Preparation	Low25	41.2	15.4	2799
	Mid50	45.0	16.0	5680
	Top25	48.4	17.5	2206
Importance of Campus Environment	Low25	41.5	15.7	2190
	Mid50	44.3	15.7	5890
	Top25	48.5	17.6	2593
All matched BCSSE-NSSE Respondents		44.7	16.4	10918

**BCSSE Scales by NSSE Student-Faculty Interaction (SFI)**

BCSSE Scale	Quartile Range <sup>1</sup>	Student-Faculty Interaction All BCSSE10-NSSE11 Data		
		Mean	SD	N
High School Academic Engagement	Low25	29.8	15.7	2500
	Mid50	36.3	16.8	5136
	Top25	45.8	19.9	2544
Expected Academic Engagement	Low25	29.3	15.0	2614
	Mid50	36.7	16.9	4968
	Top25	46.0	19.9	2519
Expected Academic Perseverance	Low25	31.4	16.5	2269
	Mid50	35.9	17.4	4680
	Top25	43.0	19.0	3122
Expected Academic Difficulty	Low25	40.3	19.3	2515
	Mid50	36.3	17.7	5726
	Top25	35.4	17.9	1823
Perceived Academic Preparation	Low25	34.1	17.5	2641
	Mid50	36.9	17.8	5349
	Top25	41.4	19.5	2063
Importance of Campus Environment	Low25	32.7	17.0	2050
	Mid50	36.3	17.3	5550
	Top25	42.6	19.9	2440
All matched BCSSE-NSSE Respondents		37.1	18.3	10256

**BCSSE Scales by NSSE Supportive Campus Environment (SCE)**

BCSSE Scale	Quartile Range <sup>1</sup>	Supportive Campus Environment All BCSSE10-NSSE11 Data		
		Mean	SD	N
High School Academic Engagement	Low25	63.0	17.9	2369
	Mid50	66.1	18.0	4868
	Top25	70.2	19.0	2417
Expected Academic Engagement	Low25	61.8	17.8	2490
	Mid50	66.3	17.8	4703
	Top25	71.2	18.9	2390
Expected Academic Perseverance	Low25	60.9	17.5	2135
	Mid50	65.8	17.8	4460
	Top25	71.2	18.7	2958
Expected Academic Difficulty	Low25	69.5	18.7	2396
	Mid50	66.0	17.8	5412
	Top25	63.0	19.1	1738
Perceived Academic Preparation	Low25	62.6	18.3	2505
	Mid50	67.0	17.8	5088
	Top25	69.8	19.2	1943
Importance of Campus Environment	Low25	60.7	17.7	1921
	Mid50	66.4	17.6	5283
	Top25	71.1	19.3	2319
All matched BCSSE-NSSE Respondents		66.4	18.4	9723