



# Grand Results

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BCSSE 2010-NSSE 2011 Respondent Characteristics  
October 2011

This report contains the overall results for all institutions that participated in BCSSE 2010 and NSSE 2011. Respondents to either survey that were not at an institution that did both surveys, are not included in any of these results. The *BCSSE 2010-NSSE 2011 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 BCSSE10-NSSE11 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 2010 - NSSE 2011 Samples

	<b>Count</b>
BCSSE 2010 respondents (cross-sectional data)	69,564
First-year students included in NSSE population file	n/a
BCSSE respondents identified in the NSSE population file	n/a
BCSSE 2010 respondents invited to participate in NSSE 2011	n/a
NSSE 2011 first-year respondents	33,665
BCSSE 2010 - NSSE 2011 matched respondents (longitudinal data)	18,515

<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	60%	67%	69%
Male	40%	33%	31%
<b>Ethnicity</b>			
Am. Indian/Native American	1%	1%	1%
Asian/Asian Am./Pacific Isl.	6%	6%	6%
Black/African American	10%	11%	8%
White (non-Hispanic)	67%	67%	71%
Mexican/Mexican American	4%	3%	3%
Puerto Rican	1%	1%	1%
Other Hispanic/Latino	4%	3%	3%
Multiracial	4%	3%	3%
Other	1%	1%	1%
I prefer not to respond	3%	5%	5%
<b>Enrollment Status</b>			
Full-time	99%	96%	99%
Less than full-time	1%	4%	1%

<sup>1</sup> Student reported characteristics for respondents enrolled at institutions that participated in both BCSSE 2010 and NSSE 2011.

<sup>2</sup> Student reported characteristics for matched students who completed both BCSSE 2010 and NSSE 2011.



# Grand Results

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BCSSE 2010-NSSE 2011 Combined Report  
Cross-Sectional and Longitudinal Results  
October 2011

The cross-sectional results are based on *all* first-year student respondents from institutions that participated in BCSSE 2010 and NSSE 2011 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 2010 frequencies and NSSE 2011 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	1,096	2	88	0	101	0
	1-10	41,932	61	10,810	16	10,175	34
	11-20	18,848	27	33,878	50	12,108	41
	More than 20	6,838	10	23,044	34	7,428	25
	Total	68,714	100	67,820	100	29,812	100
Working for pay	No	27,808	41	17,948	27	16,069	54
	Yes	40,852	59	49,748	73	13,709	46
	Total	68,660	100	67,696	100	29,778	100
Participating in co-curricular activities (arts, clubs, athletics, etc.)	None	5,352	8	3,500	5	11,098	37
	1-10	26,689	39	33,915	50	13,675	46
	11-20	23,792	35	23,296	34	3,615	12
	More than 20	12,859	19	7,106	10	1,403	5
	Total	68,692	100	67,817	100	29,791	100
Relaxing and socializing (watching TV, partying, etc.)	None	292	0	549	1	309	1
	1-10	30,884	45	36,055	53	15,904	53
	11-20	25,294	37	25,309	37	9,798	33
	More than 20	12,263	18	5,941	9	3,727	13
	Total	68,733	100	67,854	100	29,738	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	16,495	24	13,681	20	13,584	41
	Often/Very often	52,169	76	54,213	80	19,826	59
	Total	68,664	100	67,894	100	33,410	100
Make a class presentation	Never/Sometimes	29,733	43	24,566	36	22,909	69
	Often/Very often	38,779	57	43,048	64	10,470	31
	Total	68,512	100	67,614	100	33,379	100
Come to class without completing readings or assignments	Never/Sometimes	63,347	93			27,778	83
	Often/Very often	5,104	7			5,597	17
	Total	68,451	100			33,375	100
Discuss grades or assignments with a teacher/instructor	Never/Sometimes	31,123	45	20,811	31	16,042	51
	Often/Very often	37,298	55	46,933	69	15,607	49
	Total	68,421	100	67,744	100	31,649	100
Work with other students on projects <b>during class</b>	Never/Sometimes	22,937	33	28,479	42	19,436	58
	Often/Very often	45,537	67	39,145	58	13,933	42
	Total	68,474	100	67,624	100	33,369	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	43,486	63	17,666	26	17,876	53
	Often/Very often	25,085	37	49,996	74	15,633	47
	<b>Total</b>	<b>68,571</b>	<b>100</b>	<b>67,662</b>	<b>100</b>	<b>33,509</b>	<b>100</b>
Prepare two or more drafts of a paper or assignment before turning it in	Never/Sometimes	36,684	54			14,722	44
	Often/Very often	31,742	46			18,543	56
	<b>Total</b>	<b>68,426</b>	<b>100</b>			<b>33,265</b>	<b>100</b>
Have serious conversations with students of a different race or ethnicity than your own.	Never/Sometimes	31,766	47	21,250	32	15,129	49
	Often/Very often	36,532	53	46,206	68	15,999	51
	<b>Total</b>	<b>68,298</b>	<b>100</b>	<b>67,456</b>	<b>100</b>	<b>31,128</b>	<b>100</b>
Discuss ideas from your readings or classes with teacher/faculty members outside of class	Never/Sometimes	48,368	71	33,648	50	25,222	80
	Often/Very often	19,827	29	34,100	50	6,488	20
	<b>Total</b>	<b>68,195</b>	<b>100</b>	<b>67,748</b>	<b>100</b>	<b>31,710</b>	<b>100</b>
Discuss ideas from your readings or classes with others outside of class (students, family members, etc.)	Never/Sometimes	35,010	51	24,288	36	12,252	39
	Often/Very often	33,212	49	43,166	64	18,827	61
	<b>Total</b>	<b>68,222</b>	<b>100</b>	<b>67,454</b>	<b>100</b>	<b>31,079</b>	<b>100</b>
Talked with a counselor, teacher, or other staff member about college or career plans	Never/Sometimes	27,992	41			22,205	70
	Often/Very often	40,276	59			9,459	30
	<b>Total</b>	<b>68,268</b>	<b>100</b>			<b>31,664</b>	<b>100</b>
Had serious conversations with students who are very different from you in terms of relig. beliefs, pol. opinions, or values	Never/Sometimes	32,756	48	19,085	28	14,122	45
	Often/Very often	35,438	52	48,399	72	17,037	55
	<b>Total</b>	<b>68,194</b>	<b>100</b>	<b>67,484</b>	<b>100</b>	<b>31,159</b>	<b>100</b>
Work on a paper or project that requires integrating ideas or information from various sources	Never/Sometimes			5,509	8	7,218	22
	Often/Very often			62,122	92	26,153	78
	<b>Total</b>			<b>67,631</b>	<b>100</b>	<b>33,371</b>	<b>100</b>
Put together ideas or concepts from different courses when completing assignments or during class discussions	Never/Sometimes			13,793	20	14,036	44
	Often/Very often			53,879	80	17,595	56
	<b>Total</b>			<b>67,672</b>	<b>100</b>	<b>31,631</b>	<b>100</b>
Receive prompt feedback from faculty on your academic performance (written or oral)	Never/Sometimes			20,658	31	12,985	42
	Often/Very often			46,932	69	18,156	58
	<b>Total</b>			<b>67,590</b>	<b>100</b>	<b>31,141</b>	<b>100</b>
Work with faculty members on activities other than coursework (committees, orientation, student life activities, etc)	Never/Sometimes			35,621	53	26,186	85
	Often/Very often			31,860	47	4,789	15
	<b>Total</b>			<b>67,481</b>	<b>100</b>	<b>30,975</b>	<b>100</b>
Try to better understand someone else's views by imagining how an issue looks from his or her perspective	Never/Sometimes			12,261	18	11,473	38
	Often/Very often			55,224	82	18,899	62
	<b>Total</b>			<b>67,485</b>	<b>100</b>	<b>30,372</b>	<b>100</b>
Learn something that changes the way you understand an issue or idea	Never/Sometimes			10,624	16	10,074	33
	Often/Very often			56,862	84	20,399	67
	<b>Total</b>			<b>67,486</b>	<b>100</b>	<b>30,473</b>	<b>100</b>
<b>Grades</b>	A or A-	5,660	8	4,832	7	5,417	19
	B or B+	25,892	38	31,459	47	11,398	40
	B- or lower	37,043	54	30,556	46	11,974	42
	<b>Total</b>	<b>68,595</b>	<b>100</b>	<b>66,847</b>	<b>100</b>	<b>28,789</b>	<b>100</b>

<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 2010 and NSSE 2011 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	49.4	12.3	4193
	Mid50	54.7	12.1	8539
	Top25	60.7	12.6	4184
Expected Academic Engagement	Low25	49.9	12.1	4365
	Mid50	54.6	12.3	8065
	Top25	60.3	12.6	4352
Expected Academic Perseverance	Low25	49.8	12.5	4122
	Mid50	54.7	12.3	7747
	Top25	59.4	12.5	4876
Expected Academic Difficulty	Low25	55.7	12.9	5702
	Mid50	54.4	12.7	7525
	Top25	54.4	13.1	3506
Perceived Academic Preparation	Low25	51.5	13.0	4514
	Mid50	55.0	12.3	8097
	Top25	58.3	12.8	4092
Importance of Campus Environment	Low25	50.9	12.9	3660
	Mid50	54.9	12.3	9327
	Top25	58.8	13.0	3715
All matched BCSSE-NSSE Respondents		54.9	12.9	17067



**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	36.4	13.9	4539
	Mid50	42.7	14.8	9201
	Top25	50.7	16.8	4554
Expected Academic Engagement	Low25	36.2	13.3	4707
	Mid50	42.8	15.0	8702
	Top25	50.5	16.8	4732
Expected Academic Perseverance	Low25	37.8	14.4	4468
	Mid50	42.7	15.1	8362
	Top25	48.3	16.8	5270
Expected Academic Difficulty	Low25	45.7	16.3	6140
	Mid50	42.2	15.2	8138
	Top25	41.0	16.3	3806
Perceived Academic Preparation	Low25	39.5	15.3	4867
	Mid50	42.9	15.3	8759
	Top25	47.5	16.8	4431
Importance of Campus Environment	Low25	39.5	15.3	3981
	Mid50	42.9	15.2	10019
	Top25	47.2	17.4	4050
All matched BCSSE-NSSE Respondents		43.1	15.9	18463

**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	27.5	15.4	4249
	Mid50	33.2	16.8	8644
	Top25	42.1	20.0	4223
Expected Academic Engagement	Low25	26.4	14.7	4418
	Mid50	33.4	16.8	8145
	Top25	42.6	19.7	4417
Expected Academic Perseverance	Low25	27.9	16.1	4179
	Mid50	33.4	17.0	7830
	Top25	40.0	19.5	4933
Expected Academic Difficulty	Low25	37.0	18.5	5777
	Mid50	33.0	17.4	7595
	Top25	31.1	18.2	3555
Perceived Academic Preparation	Low25	31.0	17.4	4570
	Mid50	33.5	17.3	8194
	Top25	38.3	19.5	4136
Importance of Campus Environment	Low25	29.6	16.7	3703
	Mid50	33.5	17.3	9438
	Top25	39.5	19.9	3754
All matched BCSSE-NSSE Respondents		34.0	18.1	17270

**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	62.0	17.5	4048
	Mid50	64.9	17.6	8240
	Top25	68.2	19.1	4021
Expected Academic Engagement	Low25	60.8	17.2	4229
	Mid50	64.8	17.6	7768
	Top25	69.8	18.7	4184
Expected Academic Perseverance	Low25	59.6	17.3	3974
	Mid50	65.1	17.4	7477
	Top25	69.6	18.5	4696
Expected Academic Difficulty	Low25	67.7	18.2	5494
	Mid50	64.6	17.5	7252
	Top25	61.7	18.6	3391
Perceived Academic Preparation	Low25	61.6	17.8	4326
	Mid50	65.1	17.6	7831
	Top25	68.6	18.6	3948
Importance of Campus Environment	Low25	59.5	17.2	3527
	Mid50	65.2	17.3	9016
	Top25	70.2	19.2	3562
All matched BCSSE-NSSE Respondents		65.0	18.1	16455