

Cape Breton University

Benchmark Comparisons August 2011



Interpreting the Benchmark Comparisons Report

To focus discussions about the importance of student engagement and to guide institutional improvement efforts, NSSE created five Benchmarks of Effective Educational Practice: Level of Academic Challenge, Active and Collaborative Learning, Student-Faculty Interaction, Enriching Educational Experiences, and Supportive Campus Environment. This Benchmark Comparisons Report compares the performance of your institution with your selected comparison groups. In addition, it provides comparisons with two sets of highly engaging institutions, those with benchmarks in the top 50% and top 10% of all NSSE institutions.

Each benchmark is an index of responses to several NSSE questions. Because NSSE questions have different response sets, each question's response set was rescaled from zero to 100, and students' rescaled responses were then averaged. Thus a benchmark score of zero would mean that every student chose the lowest response option for every item, and 100 would mean every student chose the highest response to every item. Although benchmarks are reported on a 0-100 scale, they are not percentages.

Additional details regarding how benchmarks are created can be found on the NSSE Web site. nsse.iub.edu/links/institutional_reporting

Class and Sample Statistical Significance Effect Sizea Benchmarks with mean differences that are larger than would be expected by Effect size indicates the Means are reported for chance alone are noted with one, two, or three asterisks, denoting one of three practical significance of the first-year students and seniors. Institutionsignificance levels (p<.05, p<.01, and p<.001). The smaller the significance level, mean difference. It is reported class levels are the smaller the likelihood that the difference is due to chance. Please note that calculated by dividing the mean difference by the used. All randomly statistical significance does not guarantee that the result is substantive or selected or censusimportant. Large sample sizes (as with the NSSE project) tend to produce more pooled standard deviation. In administered students statistically significant results even though the magnitude of mean differences may practice, an effect size of .2 are included in these be inconsequential. Consult effect sizes to judge the practical meaning of the is often considered small, .5 analyses. Students in results. moderate, and .8 large. A targeted or locally positive sign indicates that Level of Academic Challenge (LAC) administered your institution's mean was oversamples are not greater, thus showing an Mean Comparisons included. affirmative result for the institution. A negative sign indicates the institution lags behind the comparison Mean group, suggesting that the Distributions of Student Benchmark Score The mean is the weighted student behavior or arithmetic average of the institutional practice student level benchmark represented by the item may scores. warrant attention. **Box and Whiskers Charts Benchmark Description** A visual display of first-year and & Survey Items senior benchmark score NSSEville State Mid East Private Camerie Class NSSE 2011 A description of the dispersion for your institution Note: Each box and whis kers chart plots the 5th (bottom of lower bar), 25th percentile scores. The dot shows the benchmark mean. See page 2 for an ill benchmark and the individual and your selected comparison or items used in its creation is Level of Academic Challenge (LAC) Items consortium groups. provided. Hours spent preparing for class (studying, reading, writing, doing homework or lab work, etc. related to academic program) Number of assigned textbooks, books, or book-length packs of course readings. Number of written papers or reports of <u>2D pages or more</u>, between 5 and <u>19 pages</u>, and <u>fewer than 5 pages</u> and retainorisips. Coursework emphasizes: Making of judgments about the value of information, arguments, or methods (Coursework emphasizes: Applying theories or concepts to practical problemes or in new situations). Working harder than you thought you could to meet an instructor's standards or expectations. Communications are considered as the contraction of the method of the country of the method income and no academic work. 95th Percentile **Box and Whiskers Kev** A box and whiskers chart is a concise way to summarize the variation 75th Percentile of student benchmark scores. This display compares the distribution of scores at your institution, in percentile terms, with that of your 50th Percentile/Median (Bar) comparison groups. The ends of the whiskers show the 5th and 95th Mean (Dot) percentile scores, while the box is bounded by the 25th and 75th 25th Percentile percentiles. The bar inside the box indicates the median score, and the

dot shows the mean score.

5th Percentile

^a See Contextualizing NSSE Effect Sizes at nsse.iub.edu/pdf/effect_size_guide.pdf for additional information.



Level of Academic Challenge (LAC)

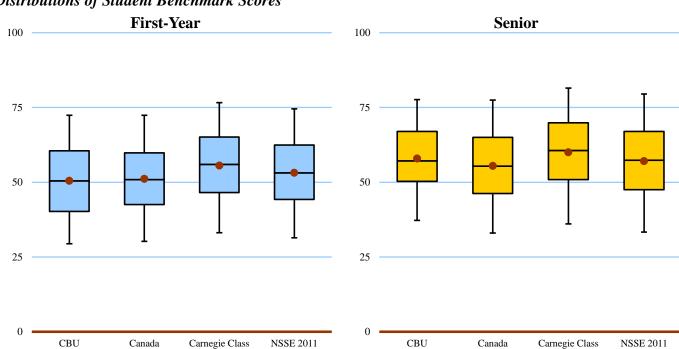
Mean Comparisons

Cape Breton University compared with:

	CBU	Canada	1	Carn	egie Cla	SS	NSSE 2011		
			Effect		O	Effect			Effect
Class	Mean ^a	Mean ^a Sig ^b	Size c	Mean ^a	Sig b	Size c	Mean ^a	Sig b	Size c
First-Year	50.5	51.2	05	55.6	***	38	53.2	**	20
Senior	57.9	55.5 **	.18	60.0	*	15	57.1		.06

^a Weighted by gender and enrollment status (and by institution size for comparison groups).

Distributions of Student Benchmark Scores



Note: Each box and whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot shows the benchmark mean. See page 2 for an illustration. See pages 10 and 11 for percentile values.

Level of Academic Challenge (LAC) Items

Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote high levels of student achievement by emphasizing the importance of academic effort and setting high expectations for student performance.

- Hours spent preparing for class (studying, reading, writing, doing homework or lab work, etc. related to academic program)
- Number of assigned textbooks, books, or book-length packs of course readings
- Number of written papers or reports of 20 pages or more, between 5 and 19 pages, and fewer than 5 pages
- Coursework emphasizes: Analysis of the basic elements of an idea, experience or theory
- Coursework emphasizes: Synthesis and organizing of ideas, information, or experiences into new, more complex interpretations and relationships
- Coursework emphasizes: Making of judgments about the value of information, arguments, or methods
- Coursework emphasizes: Applying theories or concepts to practical problems or in new situations
- Working harder than you thought you could to meet an instructor's standards or expectations
- Campus environment emphasizes: Spending significant amount of time studying and on academic work

b * p<.05 ** p<.01 ***p<.001 (2-tailed).

^c Mean difference divided by the pooled standard deviation.



Active and Collaborative Learning (ACL)

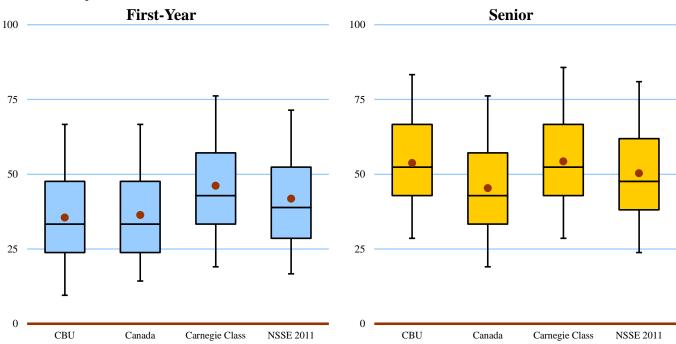
Mean Comparisons

Cape Breton University compared with:

	CBU	Canada	Carn	egie Clas	SS	NSSE 2011			
			Effect		C	Effect			Effect
Class	Mean ^a	Mean ^a Sig ^b	Size c	Mean ^a	Sig b	Size c	Mean ^a	Sig b	Size c
First-Year	35.5	36.3	05	46.1	***	63	41.8	***	37
Senior	53.7	45.3 ***	.50	54.3		03	50.3	**	.19

^a Weighted by gender and enrollment status (and by institution size for comparison groups).

Distributions of Student Benchmark Scores



Note: Each box and whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot shows the benchmark mean. See page 2 for an illustration. See pages 10 and 11 for percentile values.

Active and Collaborative Learning (ACL) Items

Students learn more when they are intensely involved in their education and asked to think about what they are learning in different settings. Collaborating with others in solving problems or mastering difficult material prepares students for the messy, unscripted problems they will encounter daily during and after college.

- · Asked questions in class or contributed to class discussions
- Made a class presentation
- Worked with other students on projects during class
- Worked with classmates outside of class to prepare class assignments
- Tutored or taught other students (paid or voluntary)
- Participated in a community-based project (e.g., service learning) as part of a regular course
- Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)

^b * p<.05 ** p<.01 ***p<.001 (2-tailed).

^c Mean difference divided by the pooled standard deviation.



Student-Faculty Interaction (SFI)

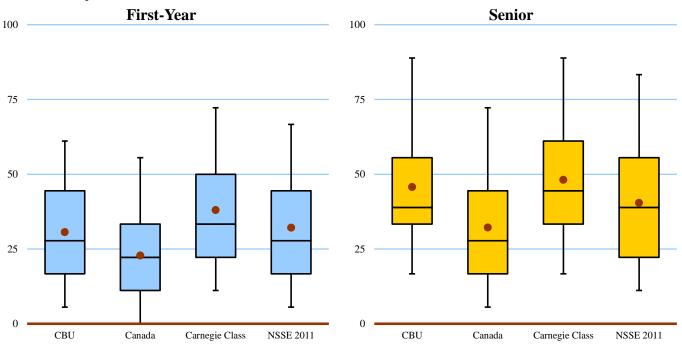
Mean Comparisons

Cape Breton University compared with:

	CBU	Canada		Carn	egie Clas	SS	NSSE 2011		
			Effect		O	Effect			Effect
Class	Mean ^a	Mean ^a Sig ^b	Size c	Mean ^a	Sig b	Size c	Mean ^a	Sig b	Size c
First-Year	30.6	22.8 ***	.48	38.0	***	39	32.1		08
Senior	45.7	32.2 ***	.69	48.1		11	40.4	***	.25

^a Weighted by gender and enrollment status (and by institution size for comparison groups).

Distributions of Student Benchmark Scores



Note: Each box and whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot shows the benchmark mean. See page 2 for an illustration. See pages 10 and 11 for percentile values.

Student-Faculty Interaction (SFI) Items

Students learn firsthand how experts think about and solve practical problems by interacting with faculty members inside and outside the classroom. As a result, their teachers become role models, mentors, and guides for continuous, life-long learning.

- Discussed grades or assignments with an instructor
- Talked about career plans with a faculty member or advisor
- Discussed ideas from your readings or classes with faculty members outside of class
- Worked with faculty members on activities other than coursework (committees, orientation, student-life activities, etc.)
- Received prompt written or oral feedback from faculty on your academic performance
- Worked on a research project with a faculty member outside of course or program requirements

b * p<.05 ** p<.01 ***p<.001 (2-tailed).

^c Mean difference divided by the pooled standard deviation.



Enriching Educational Experiences (EEE)

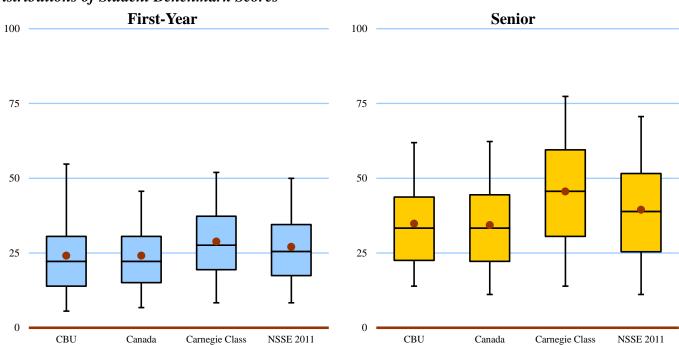
Mean Comparisons

Cape Breton University compared with:

	CBU	Canada	Carn	egie Clas	SS	NSSE 2011			
			Effect		O	Effect			Effect
Class	Mean ^a	Mean ^a Sig ^b	Size c	Mean ^a	Sig b	Size c	Mean ^a	Sig b	Size c
First-Year	24.1	24.1	.00	28.8	***	34	27.0	***	22
Senior	34.8	34.3	.03	45.6	***	56	39.5	***	26

^a Weighted by gender and enrollment status (and by institution size for comparison groups).

Distributions of Student Benchmark Scores



Note: Each box and whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot shows the benchmark mean. See page 2 for an illustration. See pages 10 and 11 for percentile values.

Enriching Educational Experiences (EEE) Items

Complementary learning opportunities enhance academic programs. Diversity experiences teach students valuable things about themselves and others. Technology facilitates collaboration between peers and instructors. Internships, community service, and senior capstone courses provide opportunities to integrate and apply knowledge.

- Hours spent participating in co-curricular activities (organizations, campus publications, student gov., social fraternity or sorority, etc.)
- Practicum, internship, field experience, co-op experience, or clinical assignment
- · Community service or volunteer work
- · Foreign language coursework and study abroad
- Independent study or self-designed major
- Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)
- Serious conversations with students of different religious beliefs, political opinions, or personal values
- Serious conversations with students of a different race or ethnicity than your own
- Using electronic medium (e.g., listsery, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment
- Campus environment encouraging contact among students from different economic, social, and racial or ethnic backgrounds
- Participate in a learning community or some other formal program where groups of students take two or more classes together

^b * p<.05 ** p<.01 ***p<.001 (2-tailed).

^c Mean difference divided by the pooled standard deviation.



Supportive Campus Environment (SCE)

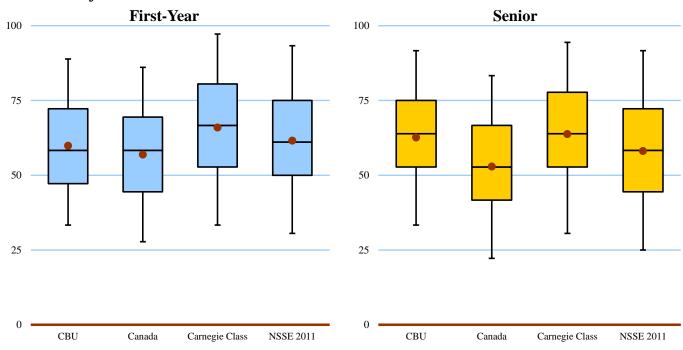
Mean Comparisons

Cape Breton University compared with:

	CBU	Canada	Carn	egie Clas	SS	NS			
			Effect		O	Effect			Effect
Class	Mean ^a	Mean ^a Sig ^b	Size c	Mean a	Sig b	Size c	Mean ^a	Sig b	Size c
First-Year	59.8	56.9 *	.16	65.9	***	32	61.6		09
Senior	62.7	52.9 ***	.53	63.8		06	58.1	***	.23

^a Weighted by gender and enrollment status (and by institution size for comparison groups).

Distributions of Student Benchmark Scores



Note: Each box and whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot shows the benchmark mean. See page 2 for an illustration. See pages 10 and 11 for percentile values.

Supportive Campus Environment (SCE) Items

Students perform better and are more satisfied at colleges that are committed to their success and cultivate positive working and social relations among different groups on campus.

- Campus environment provides the support you need to help you succeed academically
- Campus environment helps you cope with your non-academic responsibilities (work, family, etc.)
- Campus environment provides the support you need to thrive socially
- Quality of relationships with other students
- Quality of relationships with faculty members
- Quality of relationships with administrative personnel and offices

^b * p<.05 ** p<.01 ***p<.001 (2-tailed).

^c Mean difference divided by the pooled standard deviation.



NSSE 2011 Benchmark Comparisons With Highly Engaging Institutions

Interpreting the Top 10% and Top 50% Comparisons

This section of the NSSE Benchmark Comparisons report allows you to estimate the performance of your average student in relation to the average student attending two different institutional peer groups identified by NSSE for their high levels of student engagement: (a) institutions with benchmark scores placing them in the top 50% of all NSSE schools in 2011 and (b) institutions with benchmark scores in the top 10% for 2011. These comparisons allow an institution to determine if the engagement of their students differs in significant, meaningful ways from students in these high performing peer groups.

Example

					NSSEville S	tate compo	ared	with		
		NSSEville State			E 2011 50%	NSSE 2011 Top 10%				
		Mean	Mean	Sig	Effect size	$M\epsilon$	ean	Sig	Effect size	
•	LAC	57.1	55.8	*	.10	60	0.5	***	-0.28	
ear	ACL	50.3	45.8	***	.28	50	0.7		-0.02	
t-Y	SFI	37.3	37.2		.01	42	2.0	***	-0.24	
First-Y	EEE	21.8	30.0	***	63	34	4.4	***	-0.98	
1	SCE	60.9	64.7	***	21	69	9.7	***	-0.49	

Based on the example above NSSEville State CAN conclude...

- ◆ The average score for NSSEville State first-year students is slightly above (i.e., small positive effect size) that of the average student attending NSSE 2011 schools that scored in the top 50% on Level of Academic Challenge (LAC).
- The average NSSEville State first-year student is as engaged (i.e., not significantly different) as the average student attending NSSE 2011 schools that scored in the top 10% on Active and Collaborative Learning (ACL).
- It is *likely* that NSSEville State is in the top 50% of all NSSE 2011 schools for first-year students on Level of Academic Challenge (LAC) and Active and Collaborative Learning (ACL).^a

Based on the example above NSSEville State CANNOT concludea...

- NSSEville State is in the top half of all schools on the Student-Faculty Interaction (SFI) benchmark for first-year students.
- NSSEville State is a "top ten percent" institution on Active and Collaborative Learning (ACL) for first-year students.

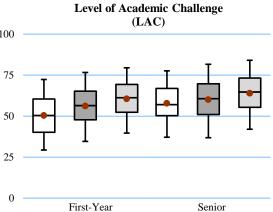
Additional information regarding the Top 50% and Top 10% section of the benchmark report can be found on the NSSE Web site. nsse.iub.edu/links/institutional_reporting

^a Precision-weighted means (produced by Hierarchical Linear Modeling) were used to determine the top 50% and top 10% institutions for each benchmark, separately for first-year and senior students. Using this method, benchmark scores of institutions with relatively large standard errors are adjusted substantially toward the grand mean of all students, while those with smaller standard errors receive smaller corrections. Thus, schools with less stable data, though they may have high scores, may not be identified among the top scorers. NSSE does not publish the names of the top 50% and top 10% institutions because of our commitment not to release individual school results and our policy against the ranking of institutions.



NSSE 2011 Benchmark Comparisons With Highly Engaging Institutions Cape Breton University

				CBU comp	ared with							
		CBU	NSSE 2 Top 5		NSSE 2011 Top 10%							
		Mean ^a	Mean ^a Sig ^b	Effect size c	Mean ^a Sig ^b	Effect size c						
	LAC	50.5	56.3 ***	45	60.7 ***	82						
ear	ACL	35.5	47.5 ***	72	51.8 ***	91						
First-Year	SFI	30.6	38.8 ***	43	43.4 ***	60						
Firs	EEE	24.1	30.3 ***	47	33.5 ***	68						
	SCE	59.8	66.9 ***	38	70.7 ***	61						
	LAC	57.9	60.1 *	16	64.1 ***	47						
Ä	ACL	53.7	55.8	12	60.0 ***	35						
Senior	SFI	45.7	48.7 *	14	55.8 ***	45						
Š	EEE	34.8	46.1 ***	63	54.8 ***	-1.17						
	SCE	62.7	64.7	11	68.7 ***	33						



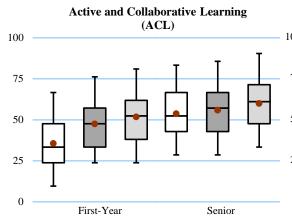
Legend

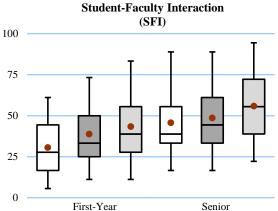
☐ CBU

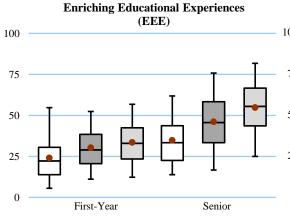
Top 50%

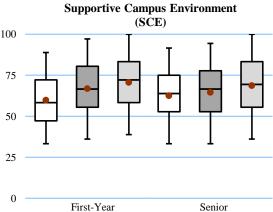
☐ Top 10%

This display compares your students with those attending schools that scored in the top 50% and top 10% of all NSSE 2011 institutions on a particular benchmark.









Note: Each box and whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot shows the benchmark mean. See page 2 for an illustration. See pages 10 and 11 for percentile values.

^a Weighted by gender and enroll. status (and by inst. size for comp. groups).

^b * p<.05 ** p<.01 ***p<.001 (2-tailed).

^c Mean diff. divided by the pooled standard dev.



NSSE 2011 Benchmark Comparisons Detailed Statistics and Effect Sizes ^a Cape Breton University

First-Year Students

									Reference Group						
		Mea	n Statis	tics	D		tion Sta			Comparison Statistics					
						Per	centiles	d		Deg. of	Mean		Effect		
		Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Freedom e	Diff.	Sig. f	size ^g		
LEVEL OF ACADEMIC CH	ALLENGE (LA	(C)													
CBU	(N = 246)	50.5	13.6	.9	29	40	50	60	72						
Canada		51.2	12.9	.1	30	43	51	60	72	62,032	7	.404	05		
Carnegie Class		55.6	13.5	.1	33	47	56	65	77	36,224	-5.1	.000	38		
NSSE 2011		53.2	13.2	.0	31	44	53	62	75	311,601	-2.7	.001	20		
Top 50%		56.3	12.9	.0	35	48	56	65	77	108,791	-5.8	.000	45		
Top 10%		60.7	12.3	.1	40	52	61	69	80	252	-10.2	.000	82		
ACTIVE AND COLLABORA	ATIVE LEARN	ING (AC	L)												
CBU	(N = 257)	35.5	17.0	1.1	10	24	33	48	67						
Canada		36.3	15.9	.1	14	24	33	48	67	258	8	.444	05		
Carnegie Class		46.1	16.8	.1	19	33	43	57	76	39,175	-10.6	.000	63		
NSSE 2011		41.8	16.9	.0	17	29	39	52	71	339,520	-6.3	.000	37		
Top 50%		47.5	16.7	.1	24	33	48	57	76	92,246	-12.0	.000	72		
Top 10%		51.8	17.8	.1	24	38	52	62	81	16,276	-16.3	.000	91		
STUDENT-FACULTY INTE	RACTION (SFI)													
CBU	(N = 250)	30.6	18.1	1.1	6	17	28	44	61						
Canada		22.8	16.2	.1	0	11	22	33	56	251	7.8	.000	.48		
Carnegie Class		38.0	19.0	.1	11	22	33	50	72	36,572	-7.4	.000	39		
NSSE 2011		32.1	18.7	.0	6	17	28	44	67	315,121	-1.5	.207	08		
Top 50%		38.8	19.2	.1	11	25	33	50	73	79,542	-8.2	.000	43		
Top 10%		43.4	21.2	.2	11	28	39	56	83	263	-12.7	.000	60		
ENRICHING EDUCATIONA	AL EXPERIENC	CES (EEI	Ξ)												
CBU	(N = 239)	24.1	14.2	.9	6	14	22	31	55						
Canada		24.1	12.2	.0	7	15	22	31	46	239	.0	.969	.00		
Carnegie Class		28.8	13.8	.1	8	19	28	37	52	35,211	-4.7	.000	34		
NSSE 2011		27.0	13.4	.0	8	17	26	35	50	303,201	-3.0	.001	22		
Top 50%		30.3	13.3	.0	11	21	29	38	52	125,871	-6.2	.000	47		
Top 10%		33.5	13.9	.1	12	23	33	42	57	20,592	-9.5	.000	68		
SUPPORTIVE CAMPUS EN	VIRONMENT ((SCE)													
CBU	(N = 227)	59.8	17.1	1.1	33	47	58	72	89						
Canada		56.9	17.9	.1	28	44	58	69	86	59,517	3.0	.013	.16		
Carnegie Class		65.9	19.0	.1	33	53	67	81	97	229	-6.1	.000	32		
NSSE 2011		61.6	18.9	.0	31	50	61	75	93	226	-1.7	.133	09		
Top 50%		66.9	18.4	.1	36	56	67	81	97	88,337	-7.1	.000	38		
Top 10%		70.7	17.9	.1	39	58	72	83	100	16,267	-10.9	.000	61		

^a All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

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^b Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.

^c Standard Error of the Mean: Use SEM to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean +/- 1.96 * SEM.

^d A percentile is the point in the distribution of student-level benchmark scores at or below which a given percentage of benchmark scores fall.

^e Degrees of freedom used to compute the t-tests. Values vary for the total Ns due to weighting and whether equal variances were assumed.

f Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

g Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.



NSSE 2011 Benchmark Comparisons Detailed Statistics and Effect Sizes ^a Cape Breton University

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171		171	

								Reference Group							
	_	Mea	n Statis	tics	D	Distribution Statistics					Comparison Statistics				
						Per	centiles	d		Deg. of	Mean		Effect		
		Mean	SD b	SEM ^c	5th	25th	50th	75th	95th	Freedom e	Diff.	Sig. f	size ^g		
LEVEL OF ACADEMIC CH	ALLENGE (LAC	C)													
CBU	(N = 232)	57.9	12.6	.8	37	50	57	67	78						
Canada		55.5	13.6	.1	33	46	55	65	77	67,788	2.5	.006	.18		
Carnegie Class		60.0	13.9	.1	36	51	61	70	81	234	-2.1	.013	15		
NSSE 2011		57.1	14.1	.0	33	48	57	67	80	231	.9	.293	.06		
Top 50%		60.1	13.7	.0	37	51	61	70	82	125,121	-2.2	.013	16		
Top 10%		64.1	13.0	.1	42	55	65	73	84	18,840	-6.1	.000	47		
ACTIVE AND COLLABORA	ATIVE LEARNIN	NG (AC	L)												
CBU	(N = 235)	53.7	16.7	1.1	29	43	52	67	83						
Canada		45.3	16.9	.1	19	33	43	57	76	71,160	8.4	.000	.50		
Carnegie Class		54.3	17.3	.1	29	43	52	67	86	39,336	5	.637	03		
NSSE 2011		50.3	17.7	.0	24	38	48	62	81	449,355	3.4	.003	.19		
Top 50%		55.8	17.2	.1	29	43	57	67	86	117,518	-2.1	.062	12		
Top 10%		60.0	17.8	.1	33	48	61	71	90	19,785	-6.3	.000	35		
STUDENT-FACULTY INTE	RACTION (SFI)														
CBU	(N = 234)	45.7	20.4	1.3	17	33	39	56	89						
Canada		32.2	19.5	.1	6	17	28	44	72	68,321	13.5	.000	.69		
Carnegie Class		48.1	21.9	.1	17	33	44	61	89	237	-2.4	.073	11		
NSSE 2011		40.4	21.2	.0	11	22	39	56	83	429,145	5.3	.000	.25		
Top 50%		48.7	21.7	.1	17	33	44	61	89	89,728	-3.0	.037	14		
Top 10%		55.8	22.5	.2	22	39	56	72	94	244	-10.1	.000	45		
ENRICHING EDUCATIONA	AL EXPERIENCI	ES (EEI	Ξ)												
CBU	(N = 228)	34.8	15.7	1.0	14	23	33	44	62						
Canada		34.3	15.9	.1	11	22	33	44	62	66,757	.5	.624	.03		
Carnegie Class		45.6	19.3	.1	14	31	46	60	77	231	-10.7	.000	56		
NSSE 2011		39.5	18.0	.0	11	25	39	52	71	227	-4.6	.000	26		
Top 50%		46.1	17.8	.0	17	33	46	58	76	228	-11.2	.000	63		
Top 10%		54.8	17.0	.1	25	44	56	67	82	18,949	-19.9	.000	-1.17		
SUPPORTIVE CAMPUS EN	VIRONMENT (S	CE)													
CBU	(N = 228)	62.7	17.5	1.2	33	53	64	75	92						
Canada		52.9	18.6	.1	22	42	53	67	83	65,866	9.8	.000	.53		
Carnegie Class		63.8	18.9	.1	31	53	64	78	94	36,545	-1.1	.381	06		
NSSE 2011		58.1	19.5	.0	25	44	58	72	92	227	4.5	.000	.23		
Top 50%		64.7	18.9	.1	33	53	67	78	94	103,763	-2.0	.102	11		
Top 10%		68.7	18.5	.1	36	56	69	83	100	17,582	-6.1	.000	33		

^a All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

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^b Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.

^c Standard Error of the Mean: Use SEM to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean +/- 1.96 * SEM.

^d A percentile is the point in the distribution of student-level benchmark scores at or below which a given percentage of benchmark scores fall.

^e Degrees of freedom used to compute the t-tests. Values vary for the total Ns due to weighting and whether equal variances were assumed.

f Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

g Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.