



Queen's University

Mean Comparisons

August 2011

# Interpreting the Mean Comparisons Report

## Sample

The *Mean Comparisons* report is based on information from all randomly selected or census-administered students for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included.

## Variables

The items from the NSSE survey appear in the left column in the same order and wording as they appear on the instrument. The name of each variable appears in the second column for easy reference to your data file and the summary statistics at the end of this section. Response options are also provided to help you interpret the statistics.

## Benchmark

Items that make up the five “Benchmarks of Effective Educational Practice” are indicated by the following:

**LAC**=Level of Academic Challenge

**ACL**=Active and Collaborative Learning

**SFI**=Student-Faculty Interaction

**EEE**=Enriching Educational Experiences

**SCE**=Supportive Campus Environment

## Mean

The mean is the *weighted* arithmetic average of student responses on a particular item. Means are provided for your institution and all comparison groups. Additional details

regarding weighting can be found on the NSSE Web site.

[nsse.iub.edu/links/institutional\\_reporting](http://nsse.iub.edu/links/institutional_reporting)

## Class

Results are reported separately for first-year students (FY) and seniors (SR). Institution-reported class ranks are used.

## 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 (like those produced by NSSE) tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see below) to judge the practical meaning of the results.

## Effect Size

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. A positive sign indicates that your institution's mean was greater, thus showing an affirmative result for your institution. A negative sign indicates the institution lags behind the comparison group, suggesting that the student behavior or

NSSE 2011 Mean Comparisons  
NSSEville State University

NSSEville State compared with:

Variable	Bench- mark	Class	NSSEville State		Mid East Private			Carnegie Class			NSSE 2011						
			Mean <sup>a</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>				
<i>In your experience at your institution during the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often</i>																	
<b>1. Academic and Intellectual Experiences</b>																	
a. Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.94	2.90	.04	2.85 **	.10	2.85 **	.10	3.28	3.19 ***	.12	3.15 ***	.15	3.12 ***	.19
			SR	2.28	2.43 ***	-.18	2.32	-.05	2.29	-.01	2.89	2.91	-.03	2.86	.03	2.79 ***	.11
b. Made a class presentation	CLPRESEN	ACL	FY	2.46	2.71 ***	-.26	2.77 ***	-.31	2.70 ***	-.24							
			SR	2.40	2.48 *	-.08	2.57 ***	-.17	2.51 ***	-.11							
c. Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY	3.06	3.11	-.07	3.12 **	-.08	3.11 *	-.07							
			SR	3.46	3.35 ***	.14	3.36 ***	.13	3.35 ***	.14							
d. Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY	2.67	2.82 ***	-.17	2.82 ***	-.17	2.80 ***	-.14							
			SR	2.89	2.88	.01	2.89	.00	2.85	.04							
e. Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS		FY														
			SR														

institutional practice represented by the item may warrant attention. An exception to this interpretation is the “coming to class unprepared” item (item 1f.) where a negative sign is preferred (i.e., meaning fewer students reporting coming to class unprepared).

**NSSE 2011 Mean Comparisons  
Queen's University**

				<i>Queen's compared with:</i>											
				<b>Queen's</b>			<b>Ontario</b>			<b>Doc-Ext Group 1</b>			<b>Comparison Group 3</b>		
<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>		<i>Mean<sup>a</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>		
<i>In your experience at your institution during the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often</i>															
<b>1. Academic and Intellectual Experiences</b>															
a.	Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.14	2.29 ***	-.18	2.68 ***	-.66		2.61 ***	-.58			
				SR	2.70	2.72	-.01	2.96 ***	-.29		2.86 ***	-.17			
b.	Made a class presentation	CLPRESEN	ACL	FY	1.85	1.77 ***	.10	2.14 ***	-.40		2.05 ***	-.27			
				SR	2.68	2.56 ***	.14	2.66	.03		2.56 ***	.14			
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY	2.39	2.32 *	.07	2.49 ***	-.11		2.39	.00			
				SR	2.26	2.33 *	-.06	2.28	-.02		2.23	.03			
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY	3.16	2.97 ***	.22	3.00 ***	.20		2.94 ***	.27			
				SR	3.46	3.41 **	.07	3.27 ***	.25		3.22 ***	.31			
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS		FY	2.50	2.48	.02	2.70 ***	-.23		2.68 ***	-.20			
				SR	2.50	2.68 ***	-.18	2.69 ***	-.20		2.65 ***	-.16			
f.	Come to class without completing readings or assignments	CLUNPREP		FY	2.36	2.23 ***	.15	2.06 ***	.38		2.07 ***	.35			
				SR	2.42	2.31 ***	.12	2.24 ***	.22		2.21 ***	.25			
g.	Worked with other students on projects <b>during class</b>	CLASSGRP	ACL	FY	1.98	2.06 **	-.08	2.37 ***	-.46		2.33 ***	-.38			
				SR	2.06	2.15 ***	-.09	2.47 ***	-.45		2.35 ***	-.32			
h.	Worked with classmates <b>outside of class</b> to prepare class assignments	OCCGRP	ACL	FY	2.86	2.53 ***	.34	2.55 ***	.36		2.57 ***	.32			
				SR	3.12	2.81 ***	.31	2.96 ***	.18		2.88 ***	.26			
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS		FY	2.77	2.64 ***	.15	2.66 ***	.13		2.62 ***	.17			
				SR	3.01	2.94 ***	.09	2.99	.03		2.93 ***	.10			
j.	Tutored or taught other students (paid or voluntary)	TUTOR	ACL	FY	1.75	1.68 ***	.09	1.75	.00		1.83 **	-.09			
				SR	1.82	1.77 *	.06	1.89 *	-.07		1.97 ***	-.15			
k.	Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ	ACL	FY	1.34	1.33	.02	1.54 ***	-.25		1.46 ***	-.17			
				SR	1.48	1.47	.02	1.67 ***	-.21		1.57 ***	-.10			

<sup>a</sup> Weighted by gender and enrollment status (and size for comparisons).

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by pooled SD

**NSSE 2011 Mean Comparisons  
Queen's University**

				<i>Queen's compared with:</i>											
				<b>Queen's</b>			<b>Ontario</b>			<b>Doc-Ext Group 1</b>			<b>Comparison Group 3</b>		
	<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>	<i>Mean<sup>a</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>		
l.	Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	EEE	FY	2.93		.20	2.73 ***		.19	2.75 ***	**	.09		
				SR	2.90		.05	2.85		-.02	2.92	**	-.06		
m.	Used e-mail to communicate with an instructor	EMAIL	SFI	FY	2.89	**	.07	2.82 **		-.41	3.21 ***	***	-.34		
				SR	3.42	***	.17	3.28 ***		-.07	3.46 *	**	.02		
n.	Discussed grades or assignments with an instructor	FACGRADE	SFI	FY	2.06	*	-.06	2.11 *		-.52	2.51 ***	***	-.43		
				SR	2.46		.01	2.45		-.29	2.71 ***	***	-.20		
o.	Talked about career plans with a faculty member or advisor	FACPLANS	SFI	FY	1.55	**	-.07	1.60 **		-.70	2.16 ***	***	-.54		
				SR	2.10	***	.16	1.95 ***		-.31	2.38 ***	***	-.21		
p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	SFI	FY	1.62	**	-.08	1.69 **		-.20	1.79 ***	***	-.14		
				SR	1.96	**	.09	1.88 **		-.05	2.01		.01		
q.	Received prompt written or oral feedback from faculty on your academic performance	FACFEED	SFI	FY	2.25		-.01	2.26		-.43	2.60 ***	***	-.30		
				SR	2.51		.04	2.47		-.26	2.72 ***	***	-.12		
r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	LAC	FY	2.53		.02	2.51		-.12	2.63 ***	**	-.10		
				SR	2.62		-.02	2.63		-.05	2.66		-.05		
s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	SFI	FY	1.44		.04	1.41		-.17	1.57 ***	***	-.16		
				SR	1.79	***	.20	1.61 ***		-.08	1.86 **	*	-.07		
t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	ACL	FY	2.92	***	.11	2.82 ***		.24	2.71 ***	***	.21		
				SR	2.99	***	.13	2.87 ***		.16	2.85 ***	***	.18		
u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	EEE	FY	2.90	***	.21	2.69 ***		.27	2.63 ***	*	.07		
				SR	2.93	***	.13	2.80 ***		.25	2.68 ***	**	.08		
v.	Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFFSTU2	EEE	FY	2.89	***	.24	2.64 ***		.15	2.74 ***		.05		
				SR	2.88	***	.15	2.72 ***		.10	2.78 ***		.01		

<sup>a</sup> Weighted by gender and enrollment status (and size for comparisons).

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<sup>c</sup> Mean difference divided by pooled SD

## NSSE 2011 Mean Comparisons Queen's University

				<i>Queen's compared with:</i>									
				Queen's	Ontario		Doc-Ext Group 1		Comparison Group 3				
Variable	Benchmark	Class		Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>
<i>During the current school year, how much has your coursework emphasized the following mental activities? 1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>													
<b>2. Mental Activities</b>													
a.	<b>Memorizing</b> facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	MEMORIZE	FY	2.88	2.91		-.03	3.01 ***		-.15	2.97 **		-.10
			SR	2.70	2.81 ***		-.11	2.83 ***		-.14	2.78 **		-.08
b.	<b>Analyzing</b> the basic elements of an idea, experience, or theory, such as examining a particular case or situation in depth and considering its components	ANALYZE	LAC	3.32	3.14 ***		.22	3.21 ***		.14	3.26 *		.07
			SR	3.38	3.27 ***		.14	3.33 *		.06	3.36		.02
c.	<b>Synthesizing</b> and organizing ideas, information, or experiences into new, more complex interpretations and relationships	SYNTHESZ	LAC	3.01	2.83 ***		.20	2.97		.05	3.04		-.03
			SR	3.13	3.01 ***		.13	3.11		.03	3.12		.01
d.	<b>Making judgments</b> about the value of info., arguments, or methods, such as examining how others gathered and interpreted data and assessing the soundness of their conclusions	EVALUATE	LAC	2.86	2.80 *		.07	2.88		-.02	2.91		-.05
			SR	3.07	2.96 ***		.11	3.00 **		.08	3.00 **		.08
e.	<b>Applying</b> theories or concepts to practical problems or in new situations	APPLYING	LAC	3.23	3.07 ***		.18	3.14 ***		.10	3.16 *		.07
			SR	3.19	3.13 *		.06	3.26 **		-.09	3.26 **		-.08
<i>During the current school year, about how much reading and writing have you done? 1=None, 2=1-4, 3=5-10, 4=11-20, 5=More than 20</i>													
<b>3. Reading and Writing</b>													
a.	Number of assigned textbooks, books, or book-length packs of course readings	READASGN	LAC	3.25	3.23		.03	3.25		.00	3.24		.02
			SR	3.16	3.14		.02	3.11		.05	3.11		.05
b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	FY	1.97	2.04 **		-.07	1.96		.02	1.92		.06
			SR	2.15	2.16		-.01	2.12		.04	2.12		.04
c.	Number of written papers or reports of <b>20 pages or more</b>	WRITEMOR	LAC	1.33	1.41 ***		-.11	1.21 ***		.21	1.22 ***		.17
			SR	1.90	1.81 ***		.11	1.58 ***		.43	1.65 ***		.33
d.	Number of written papers or reports <b>between 5 and 19 pages</b>	WRITEMID	LAC	2.57	2.28 ***		.35	2.17 ***		.53	2.18 ***		.49
			SR	2.89	2.76 ***		.15	2.51 ***		.41	2.52 ***		.41
e.	Number of written papers or reports of <b>fewer than 5 pages</b>	WRITESML	LAC	2.72	2.50 ***		.23	2.95 ***		-.23	2.76		-.04
			SR	2.88	2.58 ***		.27	3.03 ***		-.14	2.87		.00

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<sup>c</sup> Mean difference divided by pooled SD

## NSSE 2011 Mean Comparisons Queen's University

			<i>Queen's compared with:</i>									
			Queen's	Ontario		Doc-Ext Group 1		Comparison Group 3				
Variable	Bench- mark	Class	Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>
			<i>In a typical week, how many homework problem sets do you complete? 1=None, 2=1-2, 3=3-4, 4=5-6, 5=More than 6</i>									
<b>4. Problem Sets</b>												
a.	Number of problem sets or problem-based homework assignments that take you more than an hour to complete	PROBSETA	FY	2.82	2.90 *	-.06	2.77	.04		2.85	-.02	
			SR	2.58	2.68 **	-.07	2.56	.02		2.58	.00	
b.	Number of problem sets or problem-based homework assignments that take you less than an hour to complete	PROBSETB	FY	2.18	2.35 ***	-.13	2.76 ***	-.48		2.61 ***	-.34	
			SR	1.82	1.99 ***	-.15	2.26 ***	-.37		2.07 ***	-.23	
<b>5. Examinations</b>			<i>1=Very little to 7=Very much</i>									
	Select the circle that best represents the extent to which your examinations during the current school year have challenged you to do your best work.	EXAMS	FY	5.65	5.41 ***	.19	5.59	.05		5.67	-.02	
			SR	5.17	5.21	-.02	5.42 ***	-.21		5.46 ***	-.23	
<b>6. Additional Collegiate Experiences</b>			<i>During the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often</i>									
a.	Attended an art exhibit, play, dance, music, theater or other performance	ATDART07	FY	1.98	1.80 ***	.21	2.13 ***	-.17		2.09 ***	-.13	
			SR	2.15	1.89 ***	.30	2.03 ***	.13		1.98 ***	.20	
b.	Exercised or participated in physical fitness activities	EXRCSE05	FY	2.97	2.53 ***	.42	3.02	-.05		2.95	.02	
			SR	3.01	2.63 ***	.36	2.96	.05		2.88 ***	.12	
c.	Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHPO5	FY	1.52	1.67 ***	-.15	1.94 ***	-.39		1.92 ***	-.38	
			SR	1.52	1.70 ***	-.18	1.91 ***	-.37		1.91 ***	-.36	
d.	Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	FY	2.48	2.42 *	.07	2.56 ***	-.09		2.56 **	-.09	
			SR	2.62	2.55 **	.08	2.67	-.05		2.63	.00	
e.	Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	FY	2.70	2.66	.04	2.75 *	-.06		2.75 *	-.07	
			SR	2.81	2.77	.04	2.84	-.04		2.81	.00	
f.	Learned something that changed the way you understand an issue or concept	CHNGVIEW	FY	2.94	2.85 ***	.10	2.86 ***	.10		2.86 ***	.10	
			SR	2.98	2.87 ***	.13	2.91 **	.09		2.87 ***	.13	
<b>7. Enriching Educational Experiences</b>			<i>Which of the following have you done or do you plan to do before you graduate from your institution? (Recoded: 0=Have not decided, Do not plan to do, Plan to do; 1=Done. Thus, the mean is the proportion responding "Done" among all valid respondents.)</i>									
a.	Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04	EEE	FY	.03	.06 ***	-.13	.06 ***	-.13	.06 ***	-.11	
			SR	.38	.40	-.05	.58 ***	-.40		.60 ***	-.45	

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				<i>Queen's compared with:</i>									
				Queen's	Ontario		Doc-Ext Group 1			Comparison Group 3			
	Variable	Benchmark	Class	Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>
b.	Community service or volunteer work	VOLNTR04	EEE	FY	.32	.25 ***	.15	.41 ***	-.20		.39 ***	-.14	
				SR	.68	.54 ***	.26	.69	-.04		.67	.00	
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04	EEE	FY	.12	.10	.05	.18 ***	-.16		.15 *	-.07	
				SR	.20	.17 *	.06	.27 ***	-.16		.25 ***	-.13	
d.	Work on a research project with a faculty member outside of course or program requirements	RESRCH04	SFI	FY	.02	.03 *	-.05	.04 ***	-.10		.04 **	-.08	
				SR	.21	.15 ***	.16	.26 ***	-.11		.31 ***	-.21	
e.	Coursework in a foreign or additional language	FORLNG04	EEE	FY	.14	.13	.03	.30 ***	-.36		.25 ***	-.27	
				SR	.32	.20 ***	.28	.52 ***	-.41		.48 ***	-.32	
f.	Study abroad	STDABR04	EEE	FY	.03	.04 *	-.05	.03	.04		.02 *	.08	
				SR	.23	.09 ***	.45	.22	.03		.23	-.01	
g.	Independent study or self-designed major	INDSTD04	EEE	FY	.01	.04 ***	-.12	.03 ***	-.07		.03 **	-.08	
				SR	.15	.12 **	.09	.17	-.05		.20 ***	-.12	
h.	Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	SNRX04	EEE	FY	.01	.02 ***	-.07	.02 ***	-.08		.01 *	-.06	
				SR	.39	.20 ***	.47	.34 ***	.11		.33 ***	.13	
<b>8. Quality of Relationships</b>				<i>Select the circle that best represents the quality of your relationships with people at your institution. 1=Unfriendly, Unsupportive, Sense of alienation to 7=Friendly, Supportive, Sense of belonging</i>									
a.	Relationships with <b>other students</b>	ENVSTU	SCE	FY	5.81	5.38 ***	.30	5.61 ***	.15		5.61 ***	.15	
				SR	5.76	5.39 ***	.26	5.68 *	.06		5.59 ***	.12	
				<i>1=Unavailable, Unhelpful, Unsympathetic to 7=Available, Helpful, Sympathetic</i>									
b.	Relationships with <b>faculty members</b>	ENVFAC	SCE	FY	5.12	4.94 ***	.13	5.15	-.03		4.97 ***	.12	
				SR	5.32	5.04 ***	.20	5.34	-.02		5.14 ***	.13	
				<i>1=Unhelpful, Inconsiderate, Rigid to 7=Helpful, Considerate, Flexible</i>									
c.	Relationships with <b>administrative personnel and offices</b>	ENVADM	SCE	FY	4.70	4.64	.04	4.73	-.02		4.67	.02	
				SR	4.91	4.32 ***	.35	4.57 ***	.21		4.50 ***	.25	

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Queen's University**

				<i>Queen's compared with:</i>											
				<b>Queen's</b>			<b>Ontario</b>			<b>Doc-Ext Group 1</b>			<b>Comparison Group 3</b>		
<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>		<i>Mean<sup>a</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>		
<i>About how many hours do you spend in a typical 7-day week doing each of the following? 1=0 hrs/wk, 2=1-5 hrs/wk, 3=6-10 hrs/wk, 4=11-15 hrs/wk, 5=16-20 hrs/wk, 6=21-25 hrs/wk, 7=26-30 hrs/wk, 8=More than 30 hrs/wk</i>															
<b>9. Time Usage</b>															
a.	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01	LAC	FY	4.72	4.48 ***	.13	4.57 **	.09		4.75		-.02		
				SR	4.94	4.55 ***	.21	4.49 ***	.25		4.61 ***		.18		
b.	Working for pay <b>on campus</b>	WORKON01		FY	1.16	1.22 **	-.07	1.39 ***	-.23		1.30 ***		-.17		
				SR	1.75	1.52 ***	.18	1.94 ***	-.11		1.89 **		-.09		
c.	Working for pay <b>off campus</b>	WORKOF01		FY	1.22	2.07 ***	-.47	1.42 ***	-.16		1.28		-.06		
				SR	1.55	2.82 ***	-.57	2.46 ***	-.43		1.97 ***		-.24		
d.	Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	EEE	FY	2.29	1.87 ***	.35	2.52 ***	-.15		2.68 ***		-.27		
				SR	2.84	1.98 ***	.62	2.46 ***	.24		2.66 ***		.11		
e.	Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05		FY	4.12	3.89 ***	.14	3.93 ***	.12		3.93 ***		.12		
				SR	4.14	3.80 ***	.21	3.84 ***	.19		3.86 ***		.18		
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01		FY	1.18	1.86 ***	-.46	1.23 **	-.07		1.20		-.03		
				SR	1.22	1.96 ***	-.45	1.50 ***	-.20		1.44 ***		-.18		
g.	Commuting to class (driving, walking, etc.)	COMMUTE		FY	2.12	2.60 ***	-.39	2.25 ***	-.15		2.13		-.01		
				SR	2.09	2.71 ***	-.56	2.31 ***	-.26		2.31 ***		-.25		
<i>To what extent does your institution emphasize each of the following? 1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>															
<b>10. Institutional Environment</b>															
a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	LAC	FY	3.27	3.15 ***	.16	3.23 *	.06		3.34 **		-.09		
				SR	3.26	3.16 ***	.13	3.17 ***	.12		3.28		-.02		
b.	Providing the support you need to help you succeed academically	ENVSUPRT	SCE	FY	3.07	2.93 ***	.17	3.12 *	-.07		3.13 *		-.07		
				SR	2.83	2.66 ***	.19	2.93 ***	-.12		2.89 *		-.07		
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	EEE	FY	2.71	2.47 ***	.24	2.76	-.05		2.79 *		-.08		
				SR	2.26	2.26	.00	2.49 ***	-.23		2.51 ***		-.26		

<sup>a</sup> Weighted by gender and enrollment status (and size for comparisons).

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by pooled SD

## NSSE 2011 Mean Comparisons Queen's University

				<i>Queen's compared with:</i>									
				Queen's	Ontario		Doc-Ext Group 1			Comparison Group 3			
				Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>
	Variable	Benchmark	Class										
d.	Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	SCE	FY	2.30	2.07 ***	.24	2.24 *	.06		2.21 **	.10	
SR				1.97	1.82 ***	.16	1.95	.02	1.95	.02	1.95	.02	
e.	Providing the support you need to thrive socially	ENVSOCAL	SCE	FY	2.60	2.29 ***	.34	2.58	.02		2.56	.05	
SR				2.37	2.04 ***	.36	2.34	.03	2.32	.05			
f.	Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT		FY	2.95	2.61 ***	.35	3.04 ***	-.11		3.06 ***	-.14	
SR				2.91	2.45 ***	.49	2.86	.05	2.84 **	.08			
g.	Using computers in academic work	ENVCOMPT		FY	3.31	3.15 ***	.18	3.36 *	-.06		3.45 ***	-.19	
SR				3.36	3.27 ***	.11	3.50 ***	-.19	3.48 ***	-.15			
				<i>To what extent has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</i>									
				<i>1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>									
<b>11. Educational and Personal Growth</b>													
a.	Acquiring a broad general education	GNGENLED		FY	3.21	3.05 ***	.20	3.22	-.01		3.21	.01	
SR				3.22	3.12 ***	.11	3.25	-.04	3.22	.00			
b.	Acquiring job or work-related knowledge and skills	GNWORK		FY	2.76	2.63 ***	.13	2.86 ***	-.11		2.85 **	-.10	
SR				2.75	2.71	.04	3.07 ***	-.35	2.96 ***	-.22			
c.	Writing clearly and effectively	GNWRITE		FY	2.95	2.78 ***	.18	2.92	.03		2.83 ***	.13	
SR				3.13	3.00 ***	.15	3.05 **	.09	2.97 ***	.18			
d.	Speaking clearly and effectively	GNSPEAK		FY	2.62	2.55 **	.08	2.76 ***	-.15		2.63	-.01	
SR				3.00	2.80 ***	.21	2.96	.04	2.87 ***	.13			
e.	Thinking critically and analytically	GNANALY		FY	3.33	3.19 ***	.17	3.26 **	.09		3.29	.05	
SR				3.52	3.32 ***	.25	3.39 ***	.16	3.39 ***	.16			
f.	Analyzing quantitative problems	GNQUANT		FY	3.05	2.90 ***	.16	3.06	-.02		3.20 ***	-.18	
SR				3.05	2.92 ***	.14	3.13 **	-.08	3.17 ***	-.13			
g.	Using computing and information technology	GNCMPTS		FY	2.84	2.79	.05	3.05 ***	-.24		3.13 ***	-.32	
SR				2.86	2.85	.01	3.20 ***	-.40	3.17 ***	-.34			
h.	Working effectively with others	GNOTHERS		FY	2.95	2.73 ***	.23	3.02 *	-.08		2.99	-.04	
SR				3.13	2.89 ***	.26	3.22 ***	-.11	3.11	.01			

<sup>a</sup> Weighted by gender and enrollment status (and size for comparisons).

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by pooled SD

## NSSE 2011 Mean Comparisons Queen's University

				<i>Queen's compared with:</i>									
				Queen's	Ontario		Doc-Ext Group 1			Comparison Group 3			
	Variable	Bench- mark	Class	Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>
i.	Voting in local, provincial, or federal elections	GNCITIZN	FY	1.96	1.84	***	.12	2.05	**	-.09	1.91		.04
			SR	1.91	1.84	*	.07	2.16	***	-.25	1.97		-.06
j.	Learning effectively on your own	GNINQ	FY	3.13	2.99	***	.16	3.02	***	.13	3.03	***	.11
			SR	3.23	3.07	***	.18	3.11	***	.14	3.12	***	.13
k.	Understanding yourself	GNSELF	FY	2.84	2.71	***	.14	2.83		.01	2.78	*	.07
			SR	2.91	2.75	***	.16	2.86		.05	2.87		.04
l.	Understanding people of other racial and ethnic backgrounds	GNDIVERS	FY	2.55	2.51		.04	2.65	***	-.10	2.68	***	-.14
			SR	2.40	2.53	***	-.13	2.59	***	-.20	2.63	***	-.24
m.	Solving complex real-world problems	GNPROBSV	FY	2.82	2.59	***	.24	2.74	***	.09	2.76	*	.07
			SR	2.76	2.61	***	.15	2.88	***	-.13	2.88	***	-.12
n.	Developing a personal code of values and ethics	GNETHICS	FY	2.75	2.54	***	.22	2.70		.05	2.67	**	.08
			SR	2.64	2.56	**	.08	2.70	*	-.06	2.68		-.04
o.	Contributing to the welfare of your community	GNCOMMUN	FY	2.51	2.22	***	.30	2.54		-.03	2.52		-.01
			SR	2.42	2.25	***	.17	2.51	***	-.10	2.46		-.04
p.	Developing a deepened sense of spirituality	GNSPIRIT	FY	1.72	1.78	*	-.07	1.98	***	-.25	1.93	***	-.21
			SR	1.45	1.65	***	-.22	1.75	***	-.31	1.78	***	-.33
<b>12. Academic Advising</b>				<i>1=Poor, 2=Fair, 3=Good, 4=Excellent</i>									
	Overall, how would you evaluate the quality of academic advising you have received at your institution?	ADVISE	FY	3.12	2.94	***	.23	3.09		.05	3.01	***	.14
			SR	2.97	2.73	***	.25	2.90	**	.07	2.83	***	.14
<b>13. Satisfaction</b>				<i>1=Poor, 2=Fair, 3=Good, 4=Excellent</i>									
	How would you evaluate your entire educational experience at this institution?	ENTIREXP	FY	3.42	3.10	***	.41	3.33	***	.14	3.30	***	.17
			SR	3.32	3.00	***	.40	3.33		-.01	3.28		.05
<b>14.</b>				<i>1=Definitely no, 2=Probably no, 3=Probably yes, 4=Definitely yes</i>									
	If you could start over again, would you go to the same institution you are now attending?	SAMECOLL	FY	3.49	3.23	***	.33	3.40	***	.13	3.33	***	.21
			SR	3.34	3.02	***	.35	3.38		-.04	3.28	*	.08

PSIS: 35011001

<sup>a</sup> Weighted by gender and enrollment status (and size for comparisons).

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by pooled SD

**Queen's University**  
**First-Year Students**

	N	Mean					Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
	Queen's	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's compared with:			Queen's compared with:			
																	Ontario	Doc-Ext Group 1	Comparison in Group 3	Ontario	Doc-Ext Group 1	Comparison in Group 3	
CLQUEST	1,453	2.14	2.29	2.68	2.61	.02	.00	.00	.01	.85	.87	.83	.82	1,585	1,583	2,118	.000	.000	.000	-.18	-.66	-.58	
CLPRESEN	1,456	1.85	1.77	2.14	2.05	.02	.00	.00	.01	.76	.78	.74	.74	1,595	1,589	2,159	.000	.000	.000	.10	-.40	-.27	
REWROPAP	1,446	2.39	2.32	2.49	2.39	.03	.01	.01	.01	1.02	.99	.98	.95	1,564	1,570	2,074	.014	.000	.933	.07	-.11	.00	
INTEGRAT	1,453	3.16	2.97	3.00	2.94	.02	.00	.00	.01	.81	.87	.80	.81	35,017	1,587	2,185	.000	.000	.000	.22	.20	.27	
DIVCLASS	1,451	2.50	2.48	2.70	2.68	.03	.01	.00	.01	1.03	.99	.87	.89	1,569	1,549	1,991	.575	.000	.000	.02	-.23	-.20	
CLUNPREP	1,445	2.36	2.23	2.06	2.07	.02	.00	.00	.01	.86	.84	.78	.81	1,565	1,558	2,084	.000	.000	.000	.15	.38	.35	
CLASSGRP	1,450	1.98	2.06	2.37	2.33	.02	.01	.00	.01	.94	.92	.85	.88	34,942	32,704	7,634	.002	.000	.000	-.08	-.46	-.38	
OCCGRP	1,456	2.86	2.53	2.55	2.57	.03	.01	.00	.01	.96	.97	.85	.87	1,588	1,563	2,050	.000	.000	.000	.34	.36	.32	
INTIDEAS	1,389	2.77	2.64	2.66	2.62	.02	.00	.00	.01	.83	.84	.80	.82	1,516	30,676	7,138	.000	.000	.000	.15	.13	.17	
TUTOR	1,388	1.75	1.68	1.75	1.83	.02	.00	.00	.01	.84	.85	.86	.88	33,438	30,719	7,137	.001	.958	.004	.09	.00	-.09	
COMMPROJ	1,378	1.34	1.33	1.54	1.46	.02	.00	.00	.01	.69	.67	.80	.77	33,206	1,558	2,281	.548	.000	.000	.02	-.25	-.17	
ITACADEM	1,393	2.93	2.73	2.75	2.84	.03	.01	.01	.01	.97	1.00	.99	.99	1,522	1,530	2,142	.000	.000	.003	.20	.19	.09	
EMAIL	1,391	2.89	2.82	3.21	3.17	.02	.00	.00	.01	.86	.89	.78	.81	1,522	1,501	2,017	.008	.000	.000	.07	-.41	-.34	
FACGRADE	1,390	2.06	2.11	2.51	2.44	.02	.00	.01	.01	.88	.89	.87	.89	33,421	1,521	2,132	.021	.000	.000	-.06	-.52	-.43	
FACPLANS	1,390	1.55	1.60	2.16	2.01	.02	.00	.01	.01	.78	.81	.87	.87	1,523	30,678	7,139	.010	.000	.000	-.07	-.70	-.54	
FACIDEAS	1,389	1.62	1.69	1.79	1.74	.02	.00	.01	.01	.81	.85	.86	.84	1,523	30,738	7,147	.002	.000	.000	-.08	-.20	-.14	
FACFEED	1,361	2.25	2.26	2.60	2.50	.02	.00	.00	.01	.85	.88	.80	.83	1,488	30,102	7,001	.756	.000	.000	-.01	-.43	-.30	
WORKHARD	1,359	2.53	2.51	2.63	2.61	.02	.00	.00	.01	.90	.87	.85	.87	1,470	1,475	2,016	.509	.000	.001	.02	-.12	-.10	
FACOTHER	1,348	1.44	1.41	1.57	1.57	.02	.00	.00	.01	.76	.73	.81	.81	1,455	1,494	2,142	.158	.000	.000	.04	-.17	-.16	
OOCIDEAS	1,352	2.92	2.82	2.71	2.74	.02	.00	.01	.01	.87	.89	.85	.86	1,475	1,477	2,049	.000	.000	.000	.11	.24	.21	
DIVRSTUD	1,359	2.90	2.69	2.63	2.83	.03	.01	.01	.01	.97	1.05	1.01	1.00	1,498	1,499	2,105	.000	.000	.015	.21	.27	.07	
DIFFSTU2	1,362	2.89	2.64	2.74	2.84	.03	.01	.01	.01	.96	1.03	.97	.96	1,501	1,495	6,981	.000	.000	.095	.24	.15	.05	
MEMORIZE	1,351	2.88	2.91	3.01	2.97	.03	.01	.00	.01	.93	.89	.84	.85	1,456	1,454	1,921	.242	.000	.003	-.03	-.15	-.10	
ANALYZE	1,351	3.32	3.14	3.21	3.26	.02	.00	.00	.01	.74	.78	.74	.73	32,515	1,481	6,922	.000	.000	.018	.22	.14	.07	
SYNTHESZ	1,351	3.01	2.83	2.97	3.04	.02	.00	.00	.01	.85	.87	.82	.82	1,476	1,473	6,923	.000	.071	.288	.20	.05	-.03	
EVALUATE	1,350	2.86	2.80	2.88	2.91	.03	.01	.01	.01	.92	.89	.85	.86	32,492	1,459	1,957	.016	.464	.121	.07	-.02	-.05	
APPLYING	1,352	3.23	3.07	3.14	3.16	.02	.00	.00	.01	.85	.88	.83	.86	32,609	1,475	6,944	.000	.000	.014	.18	.10	.07	
READASGN	1,357	3.25	3.23	3.25	3.24	.02	.01	.01	.01	.91	.90	.90	.90	32,527	29,781	6,935	.319	.874	.527	.03	.00	.02	

<sup>a</sup> All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and whether equal variances were assumed.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, then dividing the result by the pooled standard deviation.

**Queen's University**  
**First-Year Students**

	N	Mean					Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
	Queen's	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's compared with:			Queen's compared with:			
																	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3	
READOWN	1,352	1.97	2.04	1.96	1.92	.02	.01	.01	.01	.90	.95	.86	.85	1,486	29,776	6,936	.010	.583	.050	-.07	.02	.06	
WRITEMOR	1,356	1.33	1.41	1.21	1.22	.02	.00	.00	.01	.70	.77	.58	.61	1,501	1,445	1,886	.000	.000	.000	-.11	.21	.17	
WRITEMID	1,356	2.57	2.28	2.17	2.18	.02	.00	.00	.01	.88	.84	.75	.78	1,465	1,451	1,909	.000	.000	.000	.35	.53	.49	
WRITESML	1,356	2.72	2.50	2.95	2.76	.03	.01	.01	.01	.94	.97	.99	.97	32,530	29,844	6,944	.000	.000	.184	.23	-.23	-.04	
PROBSETA	1,356	2.82	2.90	2.77	2.85	.03	.01	.01	.02	1.27	1.25	1.13	1.16	32,473	1,460	1,944	.027	.182	.446	-.06	.04	-.02	
PROBSETB	1,349	2.18	2.35	2.76	2.61	.03	.01	.01	.02	1.19	1.23	1.22	1.26	1,475	1,486	2,142	.000	.000	.000	-.13	-.48	-.34	
EXAMS	1,357	5.65	5.41	5.59	5.67	.03	.01	.01	.01	1.20	1.25	1.09	1.09	1,486	1,464	1,930	.000	.114	.488	.19	.05	-.02	
ATDART07	1,344	1.98	1.80	2.13	2.09	.02	.00	.01	.01	.82	.85	.88	.80	1,473	1,493	6,888	.000	.000	.000	.21	-.17	-.13	
EXRCSE05	1,341	2.97	2.53	3.02	2.95	.03	.01	.01	.01	.95	1.04	.95	.97	1,483	29,550	6,872	.000	.093	.558	.42	-.05	.02	
WORSHPO5	1,341	1.52	1.67	1.94	1.92	.02	.01	.01	.01	.89	.98	1.07	1.08	1,485	1,532	2,403	.000	.000	.000	-.15	-.39	-.38	
OWNVIEW	1,342	2.48	2.42	2.56	2.56	.02	.01	.01	.01	.89	.93	.89	.89	32,003	29,487	6,854	.013	.001	.004	.07	-.09	-.09	
OTHRVIEW	1,341	2.70	2.66	2.75	2.75	.02	.01	.01	.01	.85	.90	.85	.86	1,473	29,532	6,877	.112	.021	.028	.04	-.06	-.07	
CHNGVIEW	1,345	2.94	2.85	2.86	2.86	.02	.00	.00	.01	.83	.85	.82	.82	1,470	29,609	6,893	.000	.000	.001	.10	.10	.10	
INTERN04	1,334	.03	.06	.06	.06	.00	.00	.00	.00	.18	.24	.25	.23	1,560	1,587	2,564	.000	.000	.000	-.13	-.13	-.11	
VOLNTR04	1,326	.32	.25	.41	.39	.01	.00	.00	.01	.47	.44	.49	.49	1,428	1,470	2,091	.000	.000	.000	.15	-.20	-.14	
LRNCOM04	1,329	.12	.10	.18	.15	.01	.00	.00	.00	.33	.31	.38	.35	1,433	1,511	2,162	.073	.000	.012	.05	-.16	-.07	
RESRCH04	1,327	.02	.03	.04	.04	.00	.00	.00	.00	.15	.17	.20	.19	1,488	1,574	2,477	.046	.000	.003	-.05	-.10	-.08	
FORLNG04	1,331	.14	.13	.30	.25	.01	.00	.00	.01	.34	.33	.46	.43	1,442	1,565	2,463	.314	.000	.000	.03	-.36	-.27	
STDABR04	1,329	.03	.04	.03	.02	.00	.00	.00	.00	.18	.20	.16	.14	1,486	1,434	1,765	.030	.246	.025	-.05	.04	.08	
INDSTD04	1,327	.01	.04	.03	.03	.00	.00	.00	.00	.12	.19	.16	.17	1,620	1,558	2,666	.000	.001	.001	-.12	-.07	-.08	
SNRX04	1,331	.01	.02	.02	.01	.00	.00	.00	.00	.09	.13	.14	.12	1,574	1,628	2,587	.001	.000	.033	-.07	-.08	-.06	
ENVSTU	1,337	5.81	5.38	5.61	5.61	.04	.01	.01	.02	1.29	1.43	1.29	1.32	1,483	1,467	2,070	.000	.000	.000	.30	.15	.15	
ENVFAC	1,337	5.12	4.94	5.15	4.97	.03	.01	.01	.02	1.23	1.38	1.23	1.28	1,486	29,213	6,799	.000	.302	.000	.13	-.03	.12	
ENVADM	1,335	4.70	4.64	4.73	4.67	.04	.01	.01	.02	1.39	1.52	1.43	1.42	1,477	29,169	6,795	.161	.438	.483	.04	-.02	.02	
ACADPR01	1,333	4.72	4.48	4.57	4.75	.05	.01	.01	.02	1.74	1.83	1.62	1.62	1,464	1,445	1,938	.000	.003	.520	.13	.09	-.02	
WORKON01	1,335	1.16	1.22	1.39	1.30	.02	.01	.01	.01	.66	.91	1.04	.89	1,566	1,668	2,646	.001	.000	.000	-.07	-.23	-.17	
WORKOF01	1,333	1.22	2.07	1.42	1.28	.02	.01	.01	.01	.89	1.83	1.20	.98	1,868	1,574	2,192	.000	.000	.054	-.47	-.16	-.06	
COCURR01	1,338	2.29	1.87	2.52	2.68	.03	.01	.01	.02	1.28	1.21	1.49	1.48	1,445	1,516	2,300	.000	.000	.000	.35	-.15	-.27	

<sup>a</sup> All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and whether equal variances were assumed.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, then dividing the result by the pooled standard deviation.

**Queen's University**  
**First-Year Students**

	N	Mean					Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
		Queen's					Queen's				Queen's				Queen's			Queen's			Queen's		
		Queen's	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3
SOCIAL05	1,332	4.12	3.89	3.93	3.93	.05	.01	.01	.02	1.68	1.68	1.60	1.59	31,528	1,449	1,957	.000	.000	.000	.14	.12	.12	
CAREDE01	1,330	1.18	1.86	1.23	1.20	.02	.01	.00	.01	.68	1.50	.83	.76	1,953	1,523	6,761	.000	.005	.359	-.46	-.07	-.03	
COMMUTE	1,333	2.12	2.60	2.25	2.13	.02	.01	.01	.01	.87	1.22	.85	.90	1,573	1,459	6,771	.000	.000	.819	-.39	-.15	-.01	
ENVSCHOL	1,324	3.27	3.15	3.23	3.34	.02	.00	.00	.01	.71	.76	.73	.71	31,262	28,774	6,723	.000	.023	.004	.16	.06	-.09	
ENVSUPRT	1,320	3.07	2.93	3.12	3.13	.02	.00	.00	.01	.81	.83	.77	.80	31,150	28,653	6,694	.000	.018	.022	.17	-.07	-.07	
ENVDIVRS	1,319	2.71	2.47	2.76	2.79	.03	.01	.01	.01	.99	.99	.96	.96	31,150	1,438	1,961	.000	.062	.013	.24	-.05	-.08	
ENVNACAD	1,316	2.30	2.07	2.24	2.21	.03	.01	.01	.01	.96	.94	.92	.93	1,429	1,436	1,966	.000	.038	.002	.24	.06	.10	
ENVSOCAL	1,316	2.60	2.29	2.58	2.56	.03	.01	.01	.01	.94	.93	.90	.92	31,020	1,434	6,693	.000	.449	.114	.34	.02	.05	
ENVEVENT	1,318	2.95	2.61	3.04	3.06	.02	.01	.01	.01	.91	.96	.84	.81	1,450	1,428	1,870	.000	.000	.000	.35	-.11	-.14	
ENVCOMPT	1,324	3.31	3.15	3.36	3.45	.02	.01	.00	.01	.82	.88	.77	.73	31,169	1,437	1,877	.000	.034	.000	.18	-.06	-.19	
NGENLED	1,307	3.21	3.05	3.22	3.21	.02	.00	.00	.01	.77	.81	.75	.80	1,437	28,304	6,597	.000	.630	.794	.20	-.01	.01	
GNWORK	1,305	2.76	2.63	2.86	2.85	.03	.01	.01	.01	.97	.96	.92	.93	30,684	1,418	1,931	.000	.000	.002	.13	-.11	-.10	
GNWRITE	1,306	2.95	2.78	2.92	2.83	.02	.01	.01	.01	.88	.91	.86	.90	1,432	28,294	2,037	.000	.355	.000	.18	.03	.13	
GNSPEAK	1,297	2.62	2.55	2.76	2.63	.03	.01	.01	.01	.99	.97	.92	.96	30,661	1,406	6,559	.006	.000	.742	.08	-.15	-.01	
GNANALY	1,300	3.33	3.19	3.26	3.29	.02	.00	.00	.01	.77	.80	.76	.78	30,681	28,254	6,577	.000	.002	.090	.17	.09	.05	
GNQUANT	1,303	3.05	2.90	3.06	3.20	.03	.01	.01	.01	.94	.92	.84	.82	30,562	1,403	1,821	.000	.534	.000	.16	-.02	-.18	
GNCMPTS	1,307	2.84	2.79	3.05	3.13	.03	.01	.01	.01	.98	.98	.88	.89	30,717	1,409	1,872	.072	.000	.000	.05	-.24	-.32	
GNOTHERS	1,308	2.95	2.73	3.02	2.99	.03	.01	.01	.01	.95	.95	.86	.90	1,425	1,412	1,916	.000	.013	.169	.23	-.08	-.04	
GNCITIZN	1,299	1.96	1.84	2.05	1.91	.03	.01	.01	.01	.97	.97	1.00	.97	1,416	1,437	6,537	.000	.001	.171	.12	-.09	.04	
GNINQ	1,295	3.13	2.99	3.02	3.03	.02	.00	.01	.01	.80	.85	.82	.85	30,318	1,429	6,520	.000	.000	.000	.16	.13	.11	
GNSELF	1,294	2.84	2.71	2.83	2.78	.03	.01	.01	.01	.93	.97	.93	.95	1,421	27,853	2,008	.000	.634	.018	.14	.01	.07	
GNDIVERS	1,296	2.55	2.51	2.65	2.68	.03	.01	.01	.01	.96	.98	.94	.94	30,310	1,417	1,943	.170	.000	.000	.04	-.10	-.14	
GNPROBSV	1,300	2.82	2.59	2.74	2.76	.03	.01	.01	.01	.94	.94	.91	.93	30,352	27,903	6,509	.000	.001	.022	.24	.09	.07	
GNETHICS	1,301	2.75	2.54	2.70	2.67	.03	.01	.01	.01	.94	.98	.96	.99	1,429	27,943	2,076	.000	.084	.009	.22	.05	.08	
GNCOMMUN	1,295	2.51	2.22	2.54	2.52	.03	.01	.01	.01	.94	.96	.95	.96	30,340	27,894	6,525	.000	.280	.667	.30	-.03	-.01	
GNSPIRIT	1,298	1.72	1.78	1.98	1.93	.03	.01	.01	.01	.95	.97	1.03	1.04	30,368	27,921	2,127	.021	.000	.000	-.07	-.25	-.21	
ADVISE	1,304	3.12	2.94	3.09	3.01	.02	.00	.00	.01	.80	.80	.82	.85	1,422	28,209	6,570	.000	.105	.000	.23	.05	.14	
ENTIREXP	1,306	3.42	3.10	3.33	3.30	.02	.00	.00	.01	.73	.77	.67	.73	1,438	1,414	6,568	.000	.000	.000	.41	.14	.17	
SAMECOLL	1,307	3.49	3.23	3.40	3.33	.02	.00	.00	.01	.72	.79	.75	.77	1,451	1,446	2,107	.000	.000	.000	.33	.13	.21	

<sup>a</sup> All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and whether equal variances were assumed.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, then dividing the result by the pooled standard deviation.

**Queen's University**  
**Seniors**

	N	Mean					Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
		Queen's					Queen's				Queen's				Queen's			Queen's					
		Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3
CLQUEST	1,354	2.70	2.72	2.96	2.86	.03	.01	.00	.01	.93	.93	.88	.90	33,592	1,435	1,726	.646	.000	.000	-.01	-.29	-.17	
CLPRESEN	1,348	2.68	2.56	2.66	2.56	.02	.01	.00	.01	.81	.90	.85	.87	1,490	1,447	1,809	.000	.324	.000	.14	.03	.14	
REWROPAP	1,346	2.26	2.33	2.28	2.23	.03	.01	.00	.01	1.02	1.03	.95	.94	33,482	1,423	1,676	.028	.541	.300	-.06	-.02	.03	
INTEGRAT	1,349	3.46	3.41	3.27	3.22	.02	.00	.00	.01	.71	.75	.76	.79	1,477	1,454	1,844	.005	.000	.000	.07	.25	.31	
DIVCLASS	1,347	2.50	2.68	2.69	2.65	.03	.01	.00	.01	1.00	1.00	.93	.96	33,469	1,425	1,709	.000	.000	.000	-.18	-.20	-.16	
CLUNPREP	1,353	2.42	2.31	2.24	2.21	.02	.00	.00	.01	.85	.85	.82	.84	1,468	1,438	1,743	.000	.000	.000	.12	.22	.25	
CLASSGRP	1,352	2.06	2.15	2.47	2.35	.02	.01	.00	.01	.90	.94	.90	.90	1,477	1,442	1,750	.001	.000	.000	-.09	-.45	-.32	
OCCGRP	1,354	3.12	2.81	2.96	2.88	.02	.01	.00	.01	.90	.97	.89	.91	1,488	1,442	11,046	.000	.000	.000	.31	.18	.26	
INTIDEAS	1,323	3.01	2.94	2.99	2.93	.02	.00	.00	.01	.78	.81	.79	.82	1,448	40,282	1,777	.000	.212	.000	.09	.03	.10	
TUTOR	1,322	1.82	1.77	1.89	1.97	.03	.01	.00	.01	.92	.91	.95	.98	32,685	40,349	10,459	.032	.013	.000	.06	-.07	-.15	
COMMPROJ	1,321	1.48	1.47	1.67	1.57	.02	.00	.00	.01	.81	.80	.87	.84	32,495	1,428	1,769	.406	.000	.001	.02	-.21	-.10	
ITACADEM	1,327	2.90	2.85	2.92	2.96	.03	.01	.00	.01	1.00	1.00	.97	.95	32,723	1,412	1,693	.088	.475	.058	.05	-.02	-.06	
EMAIL	1,327	3.42	3.28	3.46	3.41	.02	.00	.00	.01	.72	.78	.70	.74	1,463	40,300	1,763	.000	.020	.570	.17	-.07	.02	
FACGRADE	1,323	2.46	2.45	2.71	2.64	.02	.01	.00	.01	.88	.89	.88	.89	32,697	40,271	1,742	.662	.000	.000	.01	-.29	-.20	
FACPLANS	1,321	2.10	1.95	2.38	2.29	.03	.01	.00	.01	.94	.91	.93	.91	32,681	1,409	1,703	.000	.000	.000	.16	-.31	-.21	
FACIDEAS	1,326	1.96	1.88	2.01	1.95	.02	.00	.00	.01	.87	.89	.89	.87	1,443	40,353	10,484	.001	.088	.672	.09	-.05	.01	
FACFEED	1,308	2.51	2.47	2.72	2.61	.02	.00	.00	.01	.79	.85	.80	.82	1,439	39,781	10,287	.146	.000	.000	.04	-.26	-.12	
WORKHARD	1,307	2.62	2.63	2.66	2.66	.02	.00	.00	.01	.85	.86	.85	.89	32,314	39,705	1,744	.527	.105	.081	-.02	-.05	-.05	
FACOTHER	1,304	1.79	1.61	1.86	1.85	.03	.00	.00	.01	.94	.87	.96	.95	1,398	39,623	10,231	.000	.006	.019	.20	-.08	-.07	
OOCIDEAS	1,306	2.99	2.87	2.85	2.83	.02	.00	.00	.01	.84	.87	.85	.86	1,424	1,396	1,730	.000	.000	.000	.13	.16	.18	
DIVRSTUD	1,308	2.93	2.80	2.68	2.85	.03	.01	.01	.01	.99	1.02	.98	.97	1,426	39,782	10,279	.000	.000	.007	.13	.25	.08	
DIFFSTU2	1,311	2.88	2.72	2.78	2.87	.03	.01	.00	.01	.95	1.00	.94	.95	1,434	39,801	10,285	.000	.000	.662	.15	.10	.01	
MEMORIZE	1,304	2.70	2.81	2.83	2.78	.03	.01	.00	.01	.99	.95	.91	.94	1,407	1,378	1,669	.000	.000	.008	-.11	-.14	-.08	
ANALYZE	1,300	3.38	3.27	3.33	3.36	.02	.00	.00	.01	.70	.76	.73	.72	1,432	39,433	10,170	.000	.027	.482	.14	.06	.02	
SYNTHESZ	1,295	3.13	3.01	3.11	3.12	.02	.00	.00	.01	.80	.86	.83	.84	32,056	39,404	1,742	.000	.296	.835	.13	.03	.01	
EVALUATE	1,300	3.07	2.96	3.00	3.00	.02	.01	.00	.01	.88	.90	.87	.89	32,104	1,387	10,187	.000	.008	.007	.11	.08	.08	
APPLYING	1,303	3.19	3.13	3.26	3.26	.02	.01	.00	.01	.90	.88	.82	.85	32,182	1,377	1,661	.022	.003	.008	.06	-.09	-.08	
READASGN	1,303	3.16	3.14	3.11	3.11	.03	.01	.01	.01	1.07	1.04	1.01	1.02	1,409	1,383	1,667	.423	.099	.102	.02	.05	.05	

<sup>a</sup> All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and whether equal variances were assumed.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, then dividing the result by the pooled standard deviation.

**Queen's University**  
**Seniors**

	N	Mean					Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
	Queen's	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's compared with:			Queen's compared with:			
																	Ontario	Doc-Ext Group 1	Comparison in Group 3	Ontario	Doc-Ext Group 1	Comparison in Group 3	
READOWN	1,299	2.15	2.16	2.12	2.12	.03	.01	.00	.01	.95	1.00	.93	.95	1,423	39,390	10,151	.830	.155	.205	-.01	.04	.04	
WRITEMOR	1,303	1.90	1.81	1.58	1.65	.02	.00	.00	.01	.82	.86	.73	.78	1,424	1,374	1,666	.000	.000	.000	.11	.43	.33	
WRITEMID	1,302	2.89	2.76	2.51	2.52	.03	.01	.00	.01	.95	.93	.93	.92	32,097	1,387	10,176	.000	.000	.000	.15	.41	.41	
WRITESML	1,299	2.88	2.58	3.03	2.87	.03	.01	.01	.01	1.10	1.06	1.12	1.11	32,101	39,426	10,168	.000	.000	.945	.27	-.14	.00	
PROBSETA	1,301	2.58	2.68	2.56	2.58	.04	.01	.01	.01	1.29	1.31	1.24	1.24	32,027	1,384	1,671	.009	.548	.965	-.07	.02	.00	
PROBSETB	1,295	1.82	1.99	2.26	2.07	.03	.01	.01	.01	1.05	1.14	1.21	1.15	1,427	1,413	1,785	.000	.000	.000	-.15	-.37	-.23	
EXAMS	1,301	5.17	5.21	5.42	5.46	.04	.01	.01	.01	1.31	1.38	1.19	1.24	1,425	39,440	10,156	.363	.000	.000	-.02	-.21	-.23	
ATDART07	1,301	2.15	1.89	2.03	1.98	.02	.00	.00	.01	.87	.87	.88	.86	31,880	39,042	1,700	.000	.000	.000	.30	.13	.20	
EXRCSE05	1,294	3.01	2.63	2.96	2.88	.03	.01	.01	.01	.98	1.03	.98	1.01	1,417	38,997	1,726	.000	.096	.000	.36	.05	.12	
WORSHPO5	1,295	1.52	1.70	1.91	1.91	.02	.01	.01	.01	.89	.99	1.07	1.09	1,431	1,424	1,913	.000	.000	.000	-.18	-.37	-.36	
OWNVIEW	1,292	2.62	2.55	2.67	2.63	.02	.01	.00	.01	.90	.92	.89	.91	31,777	38,899	10,028	.005	.060	.928	.08	-.05	.00	
OTHRVIEW	1,292	2.81	2.77	2.84	2.81	.02	.01	.00	.01	.86	.88	.86	.88	1,408	38,999	10,040	.120	.172	.937	.04	-.04	.00	
CHNGVIEW	1,300	2.98	2.87	2.91	2.87	.02	.00	.00	.01	.80	.84	.82	.82	1,422	1,394	1,725	.000	.001	.000	.13	.09	.13	
INTERN04	1,289	.38	.40	.58	.60	.01	.00	.00	.01	.49	.49	.49	.49	1,402	1,381	1,702	.108	.000	.000	-.05	-.40	-.45	
VOLNTR04	1,284	.68	.54	.69	.67	.01	.00	.00	.01	.47	.50	.46	.47	1,409	1,370	9,927	.000	.161	.905	.26	-.04	.00	
LRNCOM04	1,279	.20	.17	.27	.25	.01	.00	.00	.00	.40	.38	.44	.43	1,378	1,389	1,759	.043	.000	.000	.06	-.16	-.13	
RESRCH04	1,283	.21	.15	.26	.31	.01	.00	.00	.00	.41	.36	.44	.46	1,368	1,386	1,803	.000	.000	.000	.16	-.11	-.21	
FORLNG04	1,283	.32	.20	.52	.48	.01	.00	.00	.01	.47	.40	.50	.50	1,364	1,385	1,748	.000	.000	.000	.28	-.41	-.32	
STDABR04	1,280	.23	.09	.22	.23	.01	.00	.00	.00	.42	.29	.41	.42	1,332	1,365	9,912	.000	.232	.776	.45	.03	-.01	
INDSTD04	1,279	.15	.12	.17	.20	.01	.00	.00	.00	.36	.33	.38	.40	1,370	1,376	1,781	.005	.078	.000	.09	-.05	-.12	
SNRX04	1,287	.39	.20	.34	.33	.01	.00	.00	.01	.49	.40	.47	.47	1,360	1,370	1,659	.000	.000	.000	.47	.11	.13	
ENVSTU	1,289	5.76	5.39	5.68	5.59	.04	.01	.01	.01	1.27	1.42	1.28	1.39	1,428	38,578	1,778	.000	.040	.000	.26	.06	.12	
ENVFAC	1,290	5.32	5.04	5.34	5.14	.04	.01	.01	.01	1.30	1.41	1.29	1.38	1,420	38,586	9,982	.000	.535	.000	.20	-.02	.13	
ENVADM	1,287	4.91	4.32	4.57	4.50	.05	.01	.01	.02	1.65	1.71	1.60	1.67	1,405	38,567	9,972	.000	.000	.000	.35	.21	.25	
ACADPR01	1,280	4.94	4.55	4.49	4.61	.05	.01	.01	.02	1.85	1.89	1.77	1.76	1,394	38,397	1,640	.000	.000	.000	.21	.25	.18	
WORKON01	1,281	1.75	1.52	1.94	1.89	.04	.01	.01	.02	1.44	1.26	1.60	1.51	1,365	1,392	1,722	.000	.000	.002	.18	-.11	-.09	
WORKOF01	1,278	1.55	2.82	2.46	1.97	.04	.01	.01	.02	1.29	2.25	2.16	1.83	1,624	1,534	2,117	.000	.000	.000	-.57	-.43	-.24	
COCURR01	1,281	2.84	1.98	2.46	2.66	.05	.01	.01	.02	1.72	1.37	1.58	1.66	1,349	1,356	9,920	.000	.000	.000	.62	.24	.11	

<sup>a</sup> All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and whether equal variances were assumed.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, then dividing the result by the pooled standard deviation.

**Queen's University**  
**Seniors**

	N	Mean					Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
		Queen's					Queen's				Ontario				Ontario			Queen's compared with:			Queen's compared with:		
		Queen's	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Queen's	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3	Ontario	Doc-Ext Group 1	Comparison Group 3
SOCIAL05	1,280	4.14	3.80	3.84	3.86	.04	.01	.01	.02	1.60	1.61	1.59	1.61	31,443	38,377	9,900	.000	.000	.000	.21	.19	.18	
CAREDE01	1,279	1.22	1.96	1.50	1.44	.02	.01	.01	.01	.89	1.66	1.41	1.24	1,681	1,506	2,083	.000	.000	.000	-.45	-.20	-.18	
COMMUTE	1,282	2.09	2.71	2.31	2.31	.02	.01	.00	.01	.70	1.12	.84	.91	1,569	1,412	1,971	.000	.000	.000	-.56	-.26	-.25	
ENVSCHOL	1,270	3.26	3.16	3.17	3.28	.02	.00	.00	.01	.72	.78	.76	.76	31,266	38,107	1,711	.000	.000	.480	.13	.12	-.02	
ENVSUPRT	1,270	2.83	2.66	2.93	2.89	.02	.00	.00	.01	.83	.86	.83	.85	1,388	1,358	9,790	.000	.000	.020	.19	-.12	-.07	
ENVDIVRS	1,262	2.26	2.26	2.49	2.51	.03	.01	.01	.01	.96	.99	.99	1.00	1,378	1,356	1,695	.984	.000	.000	.00	-.23	-.26	
ENVNACAD	1,263	1.97	1.82	1.95	1.95	.02	.01	.00	.01	.87	.89	.90	.89	1,375	1,357	1,677	.000	.518	.445	.16	.02	.02	
ENVSOCAL	1,253	2.37	2.04	2.34	2.32	.03	.01	.00	.01	.93	.91	.93	.94	1,356	37,899	9,755	.000	.250	.083	.36	.03	.05	
ENVEVENT	1,262	2.91	2.45	2.86	2.84	.02	.01	.00	.01	.84	.93	.89	.90	1,394	1,358	1,710	.000	.055	.009	.49	.05	.08	
ENVCOMPT	1,269	3.36	3.27	3.50	3.48	.02	.01	.00	.01	.82	.87	.71	.73	1,391	1,334	1,576	.000	.000	.000	.11	-.19	-.15	
NGENLED	1,258	3.22	3.12	3.25	3.22	.02	.00	.00	.01	.84	.84	.80	.82	1,366	1,337	9,704	.000	.173	.912	.11	-.04	.00	
GNWORK	1,253	2.75	2.71	3.07	2.96	.03	.01	.00	.01	1.01	1.00	.92	.96	30,902	1,324	1,608	.155	.000	.000	.04	-.35	-.22	
GNWRITE	1,253	3.13	3.00	3.05	2.97	.02	.01	.00	.01	.85	.89	.86	.88	30,955	37,649	9,704	.000	.001	.000	.15	.09	.18	
GNSPEAK	1,252	3.00	2.80	2.96	2.87	.03	.01	.00	.01	.89	.95	.90	.95	1,374	37,533	1,701	.000	.195	.000	.21	.04	.13	
GNANALY	1,252	3.52	3.32	3.39	3.39	.02	.00	.00	.01	.70	.77	.75	.74	1,381	1,349	1,686	.000	.000	.000	.25	.16	.16	
GNQUANT	1,252	3.05	2.92	3.13	3.17	.03	.01	.00	.01	.97	.93	.88	.88	1,351	1,323	1,574	.000	.008	.000	.14	-.08	-.13	
GNCMPTS	1,254	2.86	2.85	3.20	3.17	.03	.01	.00	.01	.99	.96	.84	.88	1,354	1,316	1,556	.851	.000	.000	.01	-.40	-.34	
GNOTHERS	1,258	3.13	2.89	3.22	3.11	.03	.01	.00	.01	.89	.94	.83	.88	1,378	1,333	9,715	.000	.000	.663	.26	-.11	.01	
GNCITIZN	1,247	1.91	1.84	2.16	1.97	.03	.01	.01	.01	.99	.97	1.03	.98	30,756	1,341	1,631	.011	.000	.053	.07	-.25	-.06	
GNINQ	1,244	3.23	3.07	3.11	3.12	.02	.01	.00	.01	.79	.87	.84	.86	30,718	37,245	1,716	.000	.000	.000	.18	.14	.13	
GNSELF	1,243	2.91	2.75	2.86	2.87	.03	.01	.01	.01	.96	.98	.96	.97	1,354	37,167	9,571	.000	.112	.181	.16	.05	.04	
GNDIVERS	1,244	2.40	2.53	2.59	2.63	.03	.01	.01	.01	.92	.98	.96	.97	1,365	1,338	1,678	.000	.000	.000	-.13	-.20	-.24	
GNPROBSV	1,245	2.76	2.61	2.88	2.88	.03	.01	.00	.01	.96	.97	.92	.94	30,723	1,325	1,624	.000	.000	.000	.15	-.13	-.12	
GNETHICS	1,244	2.64	2.56	2.70	2.68	.03	.01	.01	.01	.97	1.01	1.00	1.00	1,360	1,337	9,591	.004	.032	.193	.08	-.06	-.04	
GNCOMMUN	1,246	2.42	2.25	2.51	2.46	.03	.01	.01	.01	.95	.99	.99	1.01	30,763	1,339	1,687	.000	.000	.154	.17	-.10	-.04	
GNSPIRIT	1,247	1.45	1.65	1.75	1.78	.02	.01	.01	.01	.80	.94	1.00	1.02	1,395	1,384	1,903	.000	.000	.000	-.22	-.31	-.33	
ADVISE	1,256	2.97	2.73	2.90	2.83	.02	.01	.00	.01	.89	.91	.94	.97	1,369	1,356	1,734	.000	.007	.000	.25	.07	.14	
ENTIREXP	1,257	3.32	3.00	3.33	3.28	.02	.00	.00	.01	.79	.82	.72	.75	1,373	1,329	1,619	.000	.651	.089	.40	-.01	.05	
SAMECOLL	1,257	3.34	3.02	3.38	3.28	.02	.01	.00	.01	.85	.91	.79	.86	30,996	1,332	9,691	.000	.147	.012	.35	-.04	.08	

<sup>a</sup> All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and whether equal variances were assumed.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, then dividing the result by the pooled standard deviation.

NSSE 2011 Mean Comparisons <sup>a</sup>  
Ontario Universities Consortium  
Queen's University

Queen's

Queen's compared with  
Ontario

**Ontario Universities Consortium Questions**

Refer to the Ontario consortium codebook for response option values.

	Variable	Class	Mean	Mean	Sig <sup>b</sup>	Effect size <sup>c</sup>
<b>Please indicate the degree to which the following factors pose,</b>						
<b>1. or have posed, an obstacle to your academic progress:</b>						
1a. Financial pressures or work obligations	ONT1101A	FY	1.79	2.11	***	-.43
		SR	1.77	2.18	***	-.54
1b. Personal or family problems	ONT1101B	FY	1.58	1.75	***	-.23
		SR	1.65	1.84	***	-.25
1c. Your academic performance at university	ONT1101C	FY	1.95	2.00	*	-.07
		SR	1.77	1.82	*	-.07
1d. Course availability/scheduling	ONT1101D	FY	1.57	1.81	***	-.35
		SR	2.07	2.06		.01
1e. Lack of good academic advising	ONT1101E	FY	1.49	1.59	***	-.14
		SR	1.66	1.78	***	-.16
1f. Difficulties with academic regulations	ONT1101F	FY	1.29	1.42	***	-.21
		SR	1.41	1.50	***	-.13
1g. Language/cultural barriers	ONT1101G	FY	1.13	1.26	***	-.24
		SR	1.13	1.23	***	-.20
1h. Difficulties associated with a disability or chronic health condition	ONT1101H	FY	1.13	1.17	***	-.10
		SR	1.20	1.19		.00
1i. Primary care giving responsibilities for a dependent	ONT1101I	FY	1.05	1.15	***	-.22
		SR	1.04	1.16	***	-.26
2. My professors make students aware of their research activity and apply their research to their teaching.	ONT1102	FY	2.89	2.82	**	.09
		SR	2.90	2.80	***	.13
3. From the list below, please check up to 2 items you believe your university <b>most needs to address</b> to improve the student academic/learning experience <b>in the classroom.</b>	ONT1103 <sup>d</sup>	FY				
		SR				

<sup>a</sup> Weighted by gender and enrollment status (and size for comparisons)

<sup>b</sup> \* p<.05, \*\* p<.01, \*\*\*p<.001

<sup>c</sup> Mean difference divided by the pooled SD

<sup>d</sup> Resp. set is categorical

**NSSE 2011 Mean Comparisons <sup>a</sup>**  
**Ontario Universities Consortium**  
**Queen's University**

Queen's	<i>Queen's compared with</i> <b>Ontario</b>
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**Ontario Universities Consortium Questions**

*Refer to the Ontario consortium codebook for response option values.*

	<i>Variable</i>	<i>Class</i>	<i>Mean</i>	<i>Mean</i>	<i>Sig <sup>b</sup></i>	<i>Effect size <sup>c</sup></i>
<b>4.</b>	From the list below, please check up to 2 items you believe your university <b>most needs to address</b> to improve the student academic/learning experience <b>outside the classroom.</b>	ONT1104 <sup>d</sup>	FY			
			SR			
<b>5.</b>	While enrolled at this institution, where have you experienced a sense of community on campus (i.e. felt you were part of a group that shares common interests, goals, values, and experiences)? (Check all that apply.)	ONT1105 <sup>d</sup>	FY			
			SR			
<b>6.</b>	<b>Please rate the quality of the information you received from the university in the summer preceding, and during the first few weeks of classes this year, with respect to:</b>					
6a.	The content and focus of your academic program	ONT1106A	FY	3.67	3.65	.02
			SR	3.61	3.52 **	.08
6b.	How you would be evaluated in your courses (tests, assignments, etc.)	ONT1106B	FY	3.20	3.35 ***	-.15
			SR	3.51	3.57	-.06
6c.	The level of difficulty to expect in your courses	ONT1106C	FY	3.22	3.22	.00
			SR	3.24	3.26	-.02
6d.	How to access learning and study support services	ONT1106D	FY	3.42	3.40	.02
			SR	3.24	3.19	.04
6e.	The structure and requirements of your co-op program (if applicable)	ONT1106E	FY	3.34	3.30	.03
			SR	3.41	3.29	.10
6f.	The cost of attending university	ONT1106F	FY	3.63	3.28 ***	.28
			SR	3.26	2.98 ***	.22
6g.	The availability of financial aid (OSAP, scholarships, bursaries, etc.)	ONT1106G	FY	3.56	3.31 ***	.21
			SR	3.00	2.95	.05

<sup>a</sup> Weighted by gender and enrollment status (and size for comparisons)

<sup>b</sup> \* p<.05, \*\* p<.01, \*\*\*p<.001

<sup>c</sup> Mean difference divided by the pooled SD

<sup>d</sup> Resp. set is categorical

**NSSE 2011 Mean Comparisons <sup>a</sup>**  
**Ontario Universities Consortium**  
**Queen's University**

**Queen's**

*Queen's compared with*  
**Ontario**

**Ontario Universities Consortium Questions**

*Refer to the Ontario consortium codebook for response option values.*

	<i>Variable</i>	<i>Class</i>	<i>Mean</i>	<i>Mean</i>	<i>Sig <sup>b</sup></i>	<i>Effect size <sup>c</sup></i>
6h. Common academic problems faced by students in your year and program	ONT1106H	FY	3.36	3.17	***	.18
		SR	2.66	2.65		.01
6i. How to access personal support services (counselling, etc.)	ONT1106I	FY	3.42	3.22	***	.19
		SR	2.96	2.77	***	.17
6j. Career opportunities after graduation	ONT1106J	FY	2.99	2.93		.05
		SR	2.80	2.59	***	.18
6k. What to expect of interactions with instructors inside and outside the classroom	ONT1106K	FY	3.15	3.06	**	.08
		SR	2.98	2.89	*	.08
7. Do you live in residence?	ONT1107 <sup>d</sup>	FY				
		SR				
8. About how many hours do you spend in a typical week on your university's campus, outside of time spent in class?	ONT1108	FY	2.46	2.14	*	.28
		SR	2.93	2.24	***	.56
9. Where are you currently living?	ONT1109 <sup>d</sup>	FY				
		SR				
10. Please select your most frequently used form of transportation between your place of lodging and the university.	ONT1110 <sup>d</sup>	FY				
		SR				
11. For your most frequently used form of transportation between your place of lodging and the university, select how long the trip normally takes (one way).	ONT1111	FY	1.49	2.36	***	-.74
		SR	1.09	2.04	***	-.83

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<sup>a</sup> Weighted by gender and enrollment status (and size for comparisons)

<sup>b</sup> \* p<.05, \*\* p<.01, \*\*\*p<.001

<sup>c</sup> Mean difference divided by the pooled SD

<sup>d</sup> Resp. set is categorical

**First-Year Students**

**Seniors**

	First-Year Students										Seniors									
	N	Mean	Standard Error of the Mean <sup>b</sup>		Standard deviation <sup>c</sup>		DF <sup>d</sup>	Sig. <sup>e</sup>	Effect size <sup>f</sup>	N	Mean	Standard Error of the Mean <sup>b</sup>		Standard deviation <sup>c</sup>		DF <sup>d</sup>	Sig. <sup>e</sup>	Effect size <sup>f</sup>		
	Queen's	Queen's	Ontario	Queen's	Ontario	Queen's	Ontario	Ontario	Queen's compared with Ontario		Queen's	Queen's	Ontario	Queen's	Ontario	Queen's	Ontario	Ontario	Queen's compared with Ontario	
ONT1101A	1193	1.79	2.11	.02	.00	.75	.77	28323	.000	-.43	1194	1.77	2.18	.02	.00	.75	.77	29515	.000	-.54
ONT1101B	1182	1.58	1.75	.02	.00	.71	.74	28184	.000	-.23	1187	1.65	1.84	.02	.00	.74	.77	29343	.000	-.25
ONT1101C	1192	1.95	2.00	.02	.00	.78	.76	1291	.021	-.07	1191	1.77	1.82	.02	.00	.74	.77	29350	.017	-.07
ONT1101D	1190	1.57	1.81	.02	.00	.66	.71	28247	.000	-.35	1187	2.07	2.06	.02	.00	.69	.71	1295	.825	.01
ONT1101E	1188	1.49	1.59	.02	.00	.64	.69	1311	.000	-.14	1189	1.66	1.78	.02	.00	.71	.76	29439	.000	-.16
ONT1101F	1188	1.29	1.42	.02	.00	.55	.63	1330	.000	-.21	1191	1.41	1.50	.02	.00	.63	.68	1312	.000	-.13
ONT1101G	1192	1.13	1.26	.01	.00	.40	.54	1385	.000	-.24	1182	1.13	1.23	.01	.00	.40	.51	1349	.000	-.20
ONT1101H	1187	1.13	1.17	.01	.00	.41	.47	1325	.000	-.10	1191	1.20	1.19	.02	.00	.53	.51	29408	.869	.00
ONT1101I	1190	1.05	1.15	.01	.00	.27	.43	1464	.000	-.22	1187	1.04	1.16	.01	.00	.25	.46	1546	.000	-.26
ONT1102	1082	2.89	2.82	.02	.00	.73	.76	1192	.003	.09	1160	2.90	2.80	.02	.00	.73	.80	1284	.000	.13
ONT1103 <sup>g</sup>																				
ONT1104 <sup>g</sup>																				
ONT1105 <sup>g</sup>																				
ONT1106A	1139	3.67	3.65	.03	.01	.97	.97	26873	.605	.02	1095	3.61	3.52	.03	.01	.97	1.02	1199	.005	.08
ONT1106B	1131	3.20	3.35	.03	.01	1.05	1.04	26794	.000	-.15	1112	3.51	3.57	.03	.01	1.06	1.00	1195	.078	-.06
ONT1106C	1141	3.22	3.22	.03	.01	1.07	1.04	26801	.888	.00	1102	3.24	3.26	.03	.01	1.02	1.02	27505	.502	-.02
ONT1106D	1128	3.42	3.40	.03	.01	1.02	1.02	26647	.592	.02	1073	3.24	3.19	.03	.01	1.01	1.05	26927	.162	.04

<sup>a</sup>. All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

<sup>b</sup>. The 95% confidence interval for the population mean is equal to the sample mean plus/minus 1.96 times the standard error of the mean.

<sup>c</sup>. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup>. Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and whether equal variance were assumed.

<sup>e</sup>. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup>. Effect size is calculated by subtracting the comparison group mean from the school mean, then dividing the result by the pooled standard deviation.

<sup>g</sup>. Response set is categorical.

**First-Year Students**

**Seniors**

	First-Year Students									Seniors										
	N	Mean	Standard Error of the Mean <sup>b</sup>		Standard deviation <sup>c</sup>		DF <sup>d</sup>	Sig. <sup>e</sup>	Effect size <sup>f</sup>	N	Mean	Standard Error of the Mean <sup>b</sup>		Standard deviation <sup>c</sup>		DF <sup>d</sup>	Sig. <sup>e</sup>	Effect size <sup>f</sup>		
	Queen's	Queen's	Ontario	Queen's	Ontario	Queen's	Ontario	Ontario	Queen's compared with Ontario	Queen's	Queen's	Ontario	Queen's	Ontario	Queen's	Ontario	Ontario	Queen's compared with Ontario		
ONT1106E	407	3.34	3.30	.05	.01	1.11	1.11	13356	.506	.03	300	3.41	3.29	.06	.01	1.06	1.16	11347	.083	.10
ONT1106F	1141	3.63	3.28	.03	.01	1.10	1.24	1274	.000	.28	1113	3.26	2.98	.04	.01	1.20	1.25	27069	.000	.22
ONT1106G	1094	3.56	3.31	.03	.01	1.07	1.18	1216	.000	.21	989	3.00	2.95	.04	.01	1.18	1.22	1079	.142	.05
ONT1106H	1119	3.36	3.17	.03	.01	1.06	1.08	26232	.000	.18	1078	2.66	2.65	.03	.01	1.14	1.13	26407	.749	.01
ONT1106I	1121	3.42	3.22	.03	.01	1.04	1.08	26223	.000	.19	1064	2.96	2.77	.03	.01	1.09	1.12	1161	.000	.17
ONT1106J	1078	2.99	2.93	.03	.01	1.13	1.13	25095	.086	.05	1117	2.80	2.59	.04	.01	1.27	1.18	1201	.000	.18
ONT1106K	1111	3.15	3.06	.03	.01	1.03	1.07	26257	.008	.08	1082	2.98	2.89	.03	.01	1.08	1.11	1179	.010	.08
ONT1107 <sup>g</sup>																				
ONT1108	106	2.46	2.14	.12	.01	1.28	1.14	107	.012	.28	1100	2.93	2.24	.04	.01	1.23	1.23	1192	.000	.56
ONT1109 <sup>g</sup>																				
ONT1110 <sup>g</sup>																				
ONT1111	104	1.49	2.36	.07	.01	.76	1.18	107	.000	-.74	1094	1.09	2.04	.01	.01	.40	1.15	2000	.000	-.83

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<sup>a</sup>. All statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size.

<sup>b</sup>. The 95% confidence interval for the population mean is equal to the sample mean plus/minus 1.96 times the standard error of the mean.

<sup>c</sup>. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup>. Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and whether equal variance were assumed.

<sup>e</sup>. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup>. Effect size is calculated by subtracting the comparison group mean from the school mean, then dividing the result by the pooled standard deviation.

<sup>g</sup>. Response set is categorical.