



**National Survey
of Student Engagement**

Virginia Polytechnic Institute and State
University

Mean Comparisons

August 2006

Interpreting the Mean Comparisons Report

Sample

The Mean Comparisons report is based on information from all randomly selected students for both your institution and your comparison institutions.¹ Targeted oversamples (i.e., non-randomly selected students) are not included in this report.

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 comprise 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. For more information about weighting go to:

www.nsse.iub.edu/html/2006_inst_report.htm.

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. It is recommended to start by interpreting only those items with three asterisks ($p < .001$) and to 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 standard deviation of the group with which the institution is being compared. 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

**NSSE 2006 Means Comparison Report
NSSEville State University**

NSSEville State compared with:

Variable	Benchmark	Class	NSSEville State			Selected Peers			Carnegie Peers			NSSE 2006		
			Mean*	Mean*	Effect Size*	Mean*	Sig*	Effect Size*	Mean*	Sig*	Effect Size*	Mean*	Sig*	Effect Size*
1. Academic and Intellectual Experiences														
a. Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.64	2.68		2.61			2.86	*		-0.27	
			SR	2.95	2.91		2.91			3.16	*		-0.25	
b. Made a class presentation	CLPRESEN	ACL	FY	1.96	2.01		2.03			2.28	***		-0.41	
			SR	2.83	2.64	*	.22	2.63	*	.23	2.88			
c. Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY	2.57	2.69		2.54			2.65				
			SR	2.58	2.34	*	.24	2.36			2.51			
d. Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY	2.95	2.97		2.95			3.08				
			SR	3.31	3.23		3.23			3.37				
e. Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS		FY	2.66	2.70		2.71			2.77				
			SR	2.60	2.65		2.68			2.83	**		-0.26	
f. Come to class without completing readings or assignments	CLUNPREP	SR	FY	2.07	2.10		2.16			2.03				
			SR	1.99	2.27	***	-0.35	2.24	***	-0.31	2.08			

lags behind the comparison group, suggesting that the student behavior or 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).

¹ U.S. institutions include only U.S. schools in their comparison groups. Canadian institutions contain both Canadian and U.S. institutions.

**NSSE 2006 Mean Comparisons
Virginia Polytechnic Institute and State University**

Variable	Bench- mark	Class	Virginia Polytechnic compared with:											
			Virginia Polytechnic	Selected Peers			Carnegie Peers			NSSE 2006				
			Mean ^a	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c		
<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>														
1. Academic and Intellectual Experiences														
a.	Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.43	2.62	***	-.22	2.64	***	-.25	2.78	***	-.42
					SR	2.69	2.87	***	-.21	2.88	***	-.22	3.06	***
b.	Made a class presentation	CLPRESEN	ACL	FY	2.14	2.04	***	.14	2.05	***	.13	2.23	***	-.11
					SR	2.69	2.58	***	.13	2.58	***	.13	2.80	***
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY	2.45	2.53	**	-.09	2.53	**	-.08	2.65	***	-.21
					SR	2.30	2.35			2.35			2.49	***
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY	2.86	2.92	**	-.08	2.93	**	-.09	3.03	***	-.22
					SR	3.22	3.22			3.23			3.30	***
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS		FY	2.63	2.72	***	-.10	2.73	***	-.11	2.76	***	-.14
					SR	2.44	2.67	***	-.25	2.68	***	-.26	2.78	***
f.	Come to class without completing readings or assignments	CLUNPREP		FY	2.09	2.14	*	-.06	2.13	*	-.06	2.03	**	.08
					SR	2.28	2.29			2.29			2.12	***
g.	Worked with other students on projects during class	CLASSGRP	ACL	FY	2.36	2.34			2.33			2.40		
					SR	2.42	2.39			2.38			2.51	***
h.	Worked with classmates outside of class to prepare class assignments	OCCGRP	ACL	FY	2.53	2.43	***	.11	2.43	***	.11	2.36	***	.19
					SR	3.04	2.80	***	.27	2.80	***	.27	2.75	***
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS		FY	2.54	2.57			2.58			2.57		
					SR	2.92	2.89			2.89			2.91	
j.	Tutored or taught other students (paid or voluntary)	TUTOR	ACL	FY	1.79	1.71	***	.11	1.71	**	.10	1.67	***	.15
					SR	1.91	1.87			1.88			1.89	
k.	Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ	ACL	FY	1.41	1.42			1.41			1.50	***	-.11
					SR	1.61	1.58			1.58			1.69	**

^a Weighted by gender, enrollment status, and institutional size.

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

^c Mean difference divided by comparison group standard deviation.



NSSE 2006 Mean Comparisons
Virginia Polytechnic Institute and State University

	Variable	Bench- mark	Class	Virginia Polytechnic	Virginia Polytechnic compared with:			NSSE 2006						
				Mean ^a	Selected Peers Mean ^a	Sig ^b	Effect Size ^c	Carnegie Peers Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	
l.	Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	EEE	FY	2.82	2.74	**	.08	2.75	**	.08	2.64	***	.18
				SR	3.18	2.85	***	.33	2.86	***	.32	2.85	***	.33
m.	Used e-mail to communicate with an instructor	EMAIL		FY	3.06	3.03			3.04			3.01		
				SR	3.36	3.32			3.33			3.31	*	.07
n.	Discussed grades or assignments with an instructor	FACGRADE	SFI	FY	2.35	2.47	***	-.13	2.47	***	-.14	2.56	***	-.24
				SR	2.67	2.69			2.69			2.79	***	-.14
o.	Talked about career plans with a faculty member or advisor	FACPLANS	SFI	FY	1.95	2.07	***	-.14	2.06	***	-.13	2.11	***	-.17
				SR	2.25	2.28			2.29			2.41	***	-.17
p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	SFI	FY	1.66	1.74	***	-.10	1.75	***	-.11	1.81	***	-.17
				SR	1.88	1.97	***	-.11	1.98	***	-.12	2.08	***	-.22
q.	Received prompt written or oral feedback from faculty on your academic performance	FACFEED	SFI	FY	2.47	2.51			2.52	*	-.07	2.59	***	-.14
				SR	2.59	2.64			2.65	*	-.07	2.76	***	-.22
r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	LAC	FY	2.48	2.50			2.50			2.58	***	-.11
				SR	2.56	2.57			2.57			2.69	***	-.16
s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	SFI	FY	1.41	1.47	*	-.07	1.48	**	-.08	1.56	***	-.18
				SR	1.82	1.70	***	.13	1.72	***	.12	1.81		
t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	ACL	FY	2.62	2.66			2.68	*	-.07	2.69	**	-.08
				SR	2.76	2.81			2.82	*	-.07	2.84	**	-.10
u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	EEE	FY	2.59	2.63			2.66	*	-.06	2.55		
				SR	2.79	2.70	**	.09	2.73	*	.06	2.64	***	.15
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	2.75	2.80			2.82	*	-.07	2.68	*	.07
				SR	2.90	2.80	***	.11	2.81	**	.09	2.71	***	.20

^a Weighted by gender, enrollment status, and institutional size.

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

^c Mean difference divided by comparison group standard deviation.

**NSSE 2006 Mean Comparisons
Virginia Polytechnic Institute and State University**

Variable	Bench- mark	Class	Virginia Polytechnic	Virginia Polytechnic compared with:									
			Mean ^a	Selected Peers			Carnegie Peers			NSSE 2006			
				Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	
<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>													
2. Mental Activities													
a. Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	MEMORIZE		FY	2.98	2.92	**	.08	2.91	**	.08	2.87	***	.13
			SR	2.75	2.75			2.75			2.74		
b. Analyzing 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	FY	3.09	3.11			3.12			3.06		
			SR	3.27	3.21	*	.08	3.22	*	.07	3.22		
c. Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships	SYNTHESZ	LAC	FY	2.87	2.85			2.87			2.83		
			SR	2.95	2.98			2.99			3.01	*	-.07
d. Making judgments about the value of information, arguments, or methods, such as examining how others gathered and interpreted data and assessing the soundness of their	EVALUATE	LAC	FY	2.78	2.78			2.79			2.82		
			SR	2.87	2.89			2.90			2.94	**	-.09
e. Applying theories or concepts to practical problems or in new situations	APPLYING	LAC	FY	3.13	3.04	**	.10	3.05	**	.10	2.98	***	.17
			SR	3.26	3.14	***	.14	3.14	***	.13	3.17	***	.10
<i>During the current school year, about how much reading and writing have you done? 1=none, 2=between 1 and 4, 3=between 5 and 10, 4=between 11 and 20, 5=more than 20</i>													
3. Reading and Writing													
a. Number of assigned textbooks, books, or book-length packs of course readings	READASGN	LAC	FY	3.28	3.32			3.34	*	-.07	3.26		
			SR	3.00	3.21	***	-.21	3.22	***	-.22	3.18	***	-.18
b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN		FY	2.00	2.05	*	-.06	2.06	*	-.06	2.06	*	-.07
			SR	2.18	2.23			2.23			2.21		
c. Number of written papers or reports of 20 pages or more	WRITEMOR	LAC	FY	1.19	1.20			1.20			1.25	***	-.10
			SR	1.70	1.60	***	.13	1.60	***	.13	1.64	*	.08
d. Number of written papers or reports between 5 and 19 pages	WRITEMID	LAC	FY	2.29	2.24			2.26			2.29		
			SR	2.61	2.59			2.60			2.59		
e. Number of written papers or reports of fewer than 5 pages	WRITESML	LAC	FY	3.04	3.00			3.01			3.05		
			SR	3.11	3.01	**	.09	3.01	**	.09	2.98	***	.11

^a Weighted by gender, enrollment status, and institutional size.

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

^c Mean difference divided by comparison group standard deviation.

**NSSE 2006 Mean Comparisons
Virginia Polytechnic Institute and State University**

	Variable	Bench- mark	Class	Virginia Polytechnic	Virginia Polytechnic compared with:								
				Mean ^a	Selected Peers			Carnegie Peers			NSSE 2006		
					Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c
4. Problem Sets				<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>									
a.	Number of problem sets that take you more than an hour to complete	PROBSETA	FY	2.82	2.68	***	.12	2.67	***	.13	2.62	***	.18
			SR	2.84	2.52	***	.25	2.51	***	.27	2.57	***	.23
b.	Number of problem sets that take you less than an hour to complete	PROBSETB	FY	2.85	2.67	***	.15	2.65	***	.16	2.74	**	.09
			SR	2.29	2.19	*	.08	2.17	**	.10	2.34		
5. Examinations				<i>1=very little to 7=very much</i>									
	To what extent have your examinations during the current school year challenged you to do your best work?	EXAMS	FY	5.57	5.52			5.53			5.41	***	.13
			SR	5.31	5.30			5.30			5.41	**	-.08
6. Additional Collegiate Experiences				<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, gallery, play, dance, or other theatre performance	ATDART05	FY	1.84	2.03	***	-.22	2.04	***	-.23	2.10	***	-.29
			SR	1.96	2.01			2.02	*	-.07	2.01		
b.	Exercised or participated in physical fitness activities	EXRCSE05	FY	3.01	2.89	***	.12	2.90	***	.11	2.77	***	.23
			SR	2.97	2.81	***	.16	2.82	***	.15	2.70	***	.26
c.	Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHP05	FY	2.04	2.00			2.00			2.09		
			SR	2.04	2.05			2.04			2.18	***	-.13
d.	Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	FY	2.52	2.57			2.58	*	-.07	2.58	*	-.07
			SR	2.62	2.68			2.68	*	-.06	2.69	*	-.08
e.	Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	FY	2.63	2.74	***	-.14	2.75	***	-.15	2.74	***	-.14
			SR	2.76	2.82	*	-.08	2.83	*	-.08	2.83	**	-.09
f.	Learned something that changed the way you understand an issue or concept	CHNGVIEW	FY	2.78	2.80			2.81			2.80		
			SR	2.77	2.87	***	-.12	2.87	***	-.13	2.87	***	-.13
7. Enriching Educational Experiences				<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	.05	.07		.07	*	-.06	.07	**	-.08
			SR	.62	.56	***	.13	.56	***	.12	.53	***	.19

^a Weighted by gender, enrollment status, and institutional size.

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

^c Mean difference divided by comparison group standard deviation.

**NSSE 2006 Mean Comparisons
Virginia Polytechnic Institute and State University**

	Variable	Bench- mark	Class	Virginia Polytechnic	Virginia Polytechnic compared with:								
				Mean ^a	Selected Peers			Carnegie Peers			NSSE 2006		
					Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c
b. Community service or volunteer work	VOLNTR04	EEE	FY	.37	.37			.38			.37		
			SR	.67	.64	*	.06	.64			.59	***	.16
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04		FY	.15	.21	***	-.16	.20	***	-.14	.16		
			SR	.21	.26	***	-.12	.26	***	-.11	.25	**	-.10
d. Work on a research project with a faculty member outside of course or program requirements	RESRCH04	SFI	FY	.03	.05	***	-.10	.05	***	-.10	.05	***	-.09
			SR	.25	.23			.24			.19	***	.14
e. Foreign language coursework	FORLNG04	EEE	FY	.15	.32	***	-.36	.33	***	-.38	.23	***	-.18
			SR	.31	.52	***	-.44	.53	***	-.45	.41	***	-.22
f. Study abroad	STDABR04	EEE	FY	.02	.02			.02			.03		
			SR	.18	.17			.18			.14	*	.09
g. Independent study or self-designed major	INDSTD04	EEE	FY	.02	.03			.03			.03	**	-.07
			SR	.19	.17			.17			.19		
h. Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	SNRX04	EEE	FY	.01	.01			.01			.01		
			SR	.47	.28	***	.42	.28	***	.41	.32	***	.31
8. Quality of Relationships				<i>Mark the box 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 other students	ENVSTU	SCE	FY	5.76	5.45	***	.23	5.46	***	.22	5.48	***	.20
			SR	5.75	5.46	***	.21	5.46	***	.21	5.60	***	.11
				<i>1=unavailable, unhelpful, unsympathetic to 7=available, helpful, sympathetic</i>									
b. Relationships with faculty members	ENVFAC	SCE	FY	5.04	4.93	**	.09	4.95	*	.07	5.20	***	-.11
			SR	5.06	5.10			5.11			5.42	***	-.27
				<i>1=unhelpful, inconsiderate, rigid to 7=helpful, considerate, flexible</i>									
c. Relationships with administrative personnel and offices	ENVADM	SCE	FY	4.62	4.40	***	.14	4.40	***	.14	4.60		
			SR	4.71	4.28	***	.26	4.28	***	.26	4.50	***	.12

^a Weighted by gender, enrollment status, and institutional size.

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

^c Mean difference divided by comparison group standard deviation.

**NSSE 2006 Mean Comparisons
Virginia Polytechnic Institute and State University**

	Variable	Bench- mark	Class	Virginia Polytechnic	Virginia Polytechnic compared with:									
				Mean ^a	Selected Peers			Carnegie Peers			NSSE 2006			
				Mean ^a	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	
<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>														
9. Time Usage														
a.	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01	LAC	FY	4.46	4.28	***	.11	4.31	**	.09	3.98	***	.29
				SR	4.61	4.25	***	.20	4.25	***	.20	4.10	***	.30
b.	Working for pay on campus	WORKON01		FY	1.30	1.51	***	-.17	1.52	***	-.18	1.53	***	-.19
				SR	1.81	1.99	***	-.10	1.99	***	-.11	1.83		
c.	Working for pay off campus	WORKOF01		FY	1.24	1.92	***	-.37	1.87	***	-.35	2.60	***	-.56
				SR	2.08	3.12	***	-.41	3.06	***	-.39	3.82	***	-.62
d.	Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	EEE	FY	2.54	2.27	***	.18	2.31	***	.15	2.17	***	.25
				SR	2.62	2.20	***	.28	2.23	***	.26	2.08	***	.36
e.	Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05		FY	4.06	3.97			3.97			3.79	***	.16
				SR	3.93	3.68	***	.16	3.69	***	.15	3.48	***	.29
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01		FY	1.10	1.34	***	-.23	1.32	***	-.22	1.78	***	-.40
				SR	1.27	1.74	***	-.27	1.72	***	-.27	2.34	***	-.47
g.	Commuting to class (driving, walking, etc.)	COMMUTE		FY	2.17	2.29	***	-.13	2.27	***	-.11	2.24	**	-.07
				SR	2.20	2.37	***	-.19	2.36	***	-.19	2.38	***	-.17
<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>														
10. Institutional Environment														
a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	LAC	FY	3.20	3.10	***	.13	3.11	***	.11	3.07	***	.17
				SR	3.23	3.05	***	.23	3.06	***	.21	3.08	***	.19
b.	Providing the support you need to help you succeed academically	ENVSUPRT	SCE	FY	3.10	2.96	***	.17	2.97	***	.15	2.99	***	.13
				SR	2.94	2.72	***	.27	2.73	***	.26	2.87	**	.09
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	EEE	FY	2.60	2.58			2.60			2.57		
				SR	2.34	2.30			2.31			2.40	*	-.06

^a Weighted by gender, enrollment status, and institutional size.

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

^c Mean difference divided by comparison group standard deviation.

**NSSE 2006 Mean Comparisons
Virginia Polytechnic Institute and State University**

	Variable	Bench- mark	Class	Virginia Polytechnic	Virginia Polytechnic compared with:			NSSE 2006						
				Mean ^a	Selected Peers Mean ^a	Sig ^b	Effect Size ^c	Carnegie Peers Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	
d.	Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	SCE	FY	2.18	2.01	***	.19	2.02	***	.18	2.13	*	.06
					SR	1.94	1.72	***	.26	1.73	***	.25	1.90	
e.	Providing the support you need to thrive socially	ENVSOCAL	SCE	FY	2.48	2.35	***	.15	2.35	***	.15	2.37	***	.12
					SR	2.23	2.08	***	.17	2.09	***	.16	2.14	**
f.	Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT		FY	2.88	2.81	**	.08	2.83	*	.06	2.75	***	.14
					SR	2.81	2.62	***	.21	2.63	***	.20	2.56	***
g.	Using computers in academic work	ENVCOMPT		FY	3.59	3.41	***	.24	3.41	***	.23	3.31	***	.34
					SR	3.67	3.53	***	.21	3.53	***	.20	3.47	***

To what extent has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

1=very little, 2=some, 3=quite a bit, 4=very much

11. Educational and Personal Growth

a.	Acquiring a broad general education	NGNENLED		FY	3.22	3.12	***	.13	3.13	***	.11	3.12	***	.13
					SR	3.25	3.20	*	.07	3.20			3.24	
b.	Acquiring job or work-related knowledge and skills	GNWORK		FY	2.91	2.66	***	.27	2.67	***	.26	2.70	***	.23
					SR	3.15	2.93	***	.23	2.93	***	.23	3.02	***
c.	Writing clearly and effectively	GNWRITE		FY	2.84	2.85			2.86			2.95	***	-.13
					SR	3.04	3.00			3.00			3.07	
d.	Speaking clearly and effectively	GNSPEAK		FY	2.68	2.57	***	.11	2.58	***	.10	2.75	**	-.08
					SR	2.89	2.82	*	.08	2.82	*	.08	2.96	*
e.	Thinking critically and analytically	GNANALY		FY	3.27	3.17	***	.12	3.18	***	.11	3.16	***	.14
					SR	3.40	3.31	***	.12	3.32	***	.11	3.33	**
f.	Analyzing quantitative problems	GNQUANT		FY	3.12	2.91	***	.24	2.91	***	.23	2.85	***	.30
					SR	3.26	3.03	***	.26	3.03	***	.25	3.01	***
g.	Using computing and information technology	GNCMPTS		FY	3.26	3.04	***	.24	3.04	***	.25	2.99	***	.30
					SR	3.47	3.21	***	.30	3.21	***	.30	3.20	***
h.	Working effectively with others	GNOTHERS		FY	3.06	2.86	***	.23	2.86	***	.23	2.92	***	.16
					SR	3.28	3.05	***	.26	3.05	***	.26	3.14	***

^a Weighted by gender, enrollment status, and institutional size.

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

^c Mean difference divided by comparison group standard deviation.

**NSSE 2006 Mean Comparisons
Virginia Polytechnic Institute and State University**

				Virginia Polytechnic	<i>Virginia Polytechnic compared with:</i>								
					Selected Peers			Carnegie Peers			NSSE 2006		
	<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>	<i>Mean^a</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>
i.	Voting in local, state, or national elections	GNCITIZN	FY	2.41	1.91	***	.52	1.90	***	.52	1.92	***	.50
			SR	2.19	2.12			2.13			2.10	**	.09
j.	Learning effectively on your own	GNINQ	FY	3.04	2.87	***	.19	2.88	***	.18	2.85	***	.22
			SR	3.13	2.97	***	.19	2.97	***	.18	2.99	***	.16
k.	Understanding yourself	GNSSELF	FY	2.76	2.65	***	.11	2.66	**	.10	2.71		
			SR	2.82	2.70	***	.12	2.71	**	.11	2.78		
l.	Understanding people of other racial and ethnic backgrounds	GNDIVERS	FY	2.50	2.56	*	-.06	2.58	*	-.08	2.58	**	-.08
			SR	2.49	2.51			2.52			2.57	**	-.09
m.	Solving complex real-world problems	GNPROBSV	FY	2.74	2.58	***	.17	2.58	***	.17	2.58	***	.17
			SR	2.92	2.70	***	.23	2.71	***	.22	2.71	***	.22
n.	Developing a personal code of values and ethics	GNETHICS	FY	2.64	2.48	***	.16	2.49	***	.15	2.59		
			SR	2.72	2.50	***	.21	2.51	***	.19	2.65	*	.07
o.	Contributing to the welfare of your community	GNCOMMUN	FY	2.44	2.27	***	.18	2.29	***	.16	2.34	***	.10
			SR	2.47	2.32	***	.15	2.33	***	.14	2.42		
p.	Developing a deepened sense of spirituality	GNSPIRIT	FY	1.94	1.84	**	.10	1.85	**	.09	2.05	***	-.11
			SR	1.84	1.66	***	.19	1.67	***	.17	1.92	*	-.08
12. Academic Advising				<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	3.01	2.89	***	.15	2.89	***	.15	2.94	**	.09
			SR	2.86	2.70	***	.17	2.70	***	.16	2.82		
13. Satisfaction				<i>1=poor, 2=fair, 3=good, 4=excellent</i>									
	How would you evaluate your entire educational experience at this institution?	ENTIREXP	FY	3.36	3.18	***	.26	3.20	***	.24	3.16	***	.28
			SR	3.39	3.17	***	.30	3.18	***	.29	3.19	***	.28
14.				<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	3.46	3.28	***	.23	3.28	***	.23	3.20	***	.32
			SR	3.45	3.24	***	.25	3.23	***	.25	3.17	***	.32

IPEDS: 233921

^a Weighted by gender, enrollment status, and institutional size.

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

^c Mean difference divided by comparison group standard deviation.



**National Survey
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NSSE 2006 Detailed Statistics ^a

**Virginia Polytechnic Institute and State University
First-Year Students**

	Mean				Standard Error of the Mean ^b				Standard deviation ^c				Number of respondents				Significance ^d			Effect size ^e		
	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic compared with:			Virginia Polytechnic compared with:		
																	Selected Peers	Carnegie Peers	NSSE 2006	Selected Peers	Carnegie Peers	NSSE 2006
CLQUEST	2.43	2.62	2.64	2.78	.02	.01	.01	.00	.78	.81	.82	.84	1,235	16,202	17,644	129,829	.000	.000	.000	-.22	-.25	-.42
CLPRESEN	2.14	2.04	2.05	2.23	.02	.01	.01	.00	.71	.75	.74	.80	1,235	16,198	17,641	129,701	.000	.000	.000	.14	.13	-.11
REWROPAP	2.45	2.53	2.53	2.65	.03	.01	.01	.00	1.00	.98	.98	.98	1,229	16,181	17,623	129,721	.004	.005	.000	-.09	-.08	-.21
INTEGRAT	2.86	2.92	2.93	3.03	.02	.01	.01	.00	.80	.82	.82	.80	1,233	16,175	17,615	129,703	.006	.002	.000	-.08	-.09	-.22
DIVCLASS	2.63	2.72	2.73	2.76	.02	.01	.01	.00	.87	.87	.87	.88	1,232	16,188	17,629	129,668	.001	.000	.000	-.10	-.11	-.14
CLUNPREP	2.09	2.14	2.13	2.03	.02	.01	.01	.00	.78	.79	.78	.76	1,233	16,174	17,613	129,576	.032	.048	.010	-.06	-.06	.08
CLASSGRP	2.36	2.34	2.33	2.40	.02	.01	.01	.00	.82	.83	.84	.83	1,233	16,188	17,628	129,624	.313	.136	.127	.03	.04	-.04
OCCGRP	2.53	2.43	2.43	2.36	.02	.01	.01	.00	.82	.87	.86	.87	1,231	16,190	17,632	129,727	.000	.000	.000	.11	.11	.19
INTIDEAS	2.54	2.57	2.58	2.57	.02	.01	.01	.00	.78	.78	.79	.81	1,155	15,036	16,388	122,708	.177	.087	.161	-.04	-.05	-.04
TUTOR	1.79	1.71	1.71	1.67	.03	.01	.01	.00	.86	.84	.84	.83	1,153	15,040	16,393	122,721	.001	.001	.000	.11	.10	.15
COMMPROJ	1.41	1.42	1.41	1.50	.02	.01	.01	.00	.71	.74	.74	.78	1,153	15,025	16,379	122,639	.624	.848	.000	-.01	-.01	-.11
ITACADEM	2.82	2.74	2.75	2.64	.03	.01	.01	.00	.95	1.00	.99	1.04	1,155	15,032	16,384	122,723	.005	.008	.000	.08	.08	.18
EMAIL	3.06	3.03	3.04	3.01	.02	.01	.01	.00	.82	.82	.82	.86	1,155	15,028	16,381	122,703	.283	.538	.084	.03	.02	.05
FACGRADE	2.35	2.47	2.47	2.56	.02	.01	.01	.00	.84	.86	.86	.87	1,155	15,021	16,373	122,656	.000	.000	.000	-.13	-.14	-.24
FACPLANS	1.95	2.07	2.06	2.11	.02	.01	.01	.00	.81	.84	.84	.88	1,155	15,030	16,382	122,667	.000	.000	.000	-.14	-.13	-.17
FACIDEAS	1.66	1.74	1.75	1.81	.02	.01	.01	.00	.76	.83	.83	.86	1,155	15,022	16,375	122,673	.000	.000	.000	-.10	-.11	-.17
FACFEED	2.47	2.51	2.52	2.59	.02	.01	.01	.00	.80	.81	.81	.83	1,139	14,813	16,143	121,014	.088	.019	.000	-.05	-.07	-.14
WORKHARD	2.48	2.50	2.50	2.58	.02	.01	.01	.00	.84	.85	.85	.84	1,139	14,808	16,138	120,973	.490	.410	.000	-.02	-.03	-.11
FACOTHER	1.41	1.47	1.48	1.56	.02	.01	.01	.00	.72	.75	.76	.81	1,136	14,805	16,133	120,926	.012	.004	.000	-.07	-.08	-.18
OOCIDEAS	2.62	2.66	2.68	2.69	.03	.01	.01	.00	.84	.85	.86	.87	1,136	14,807	16,133	120,888	.073	.028	.009	-.06	-.07	-.08
DIVRSTUD	2.59	2.63	2.66	2.55	.03	.01	.01	.00	1.00	1.00	1.00	1.02	1,133	14,813	16,143	120,914	.266	.040	.179	-.03	-.06	.04
DIFFSTU2	2.75	2.80	2.82	2.68	.03	.01	.01	.00	.97	.95	.95	.98	1,130	14,805	16,134	120,932	.129	.020	.018	-.05	-.07	.07
MEMORIZE	2.98	2.92	2.91	2.87	.02	.01	.01	.00	.80	.85	.86	.86	1,132	14,661	15,983	119,962	.007	.005	.000	.08	.08	.13
ANALYZE	3.09	3.11	3.12	3.06	.02	.01	.01	.00	.76	.77	.77	.79	1,130	14,658	15,980	119,894	.514	.242	.142	-.02	-.04	.04
SYNTHESZ	2.87	2.85	2.87	2.83	.02	.01	.01	.00	.82	.84	.84	.84	1,127	14,648	15,970	119,828	.503	.903	.086	.02	.00	.05
EVALUATE	2.78	2.78	2.79	2.82	.02	.01	.01	.00	.83	.85	.86	.86	1,132	14,649	15,971	119,834	.962	.856	.147	.00	-.01	-.04
APPLYING	3.13	3.04	3.05	2.98	.02	.01	.01	.00	.79	.84	.84	.85	1,132	14,650	15,971	119,861	.001	.002	.000	.10	.10	.17
READASGN	3.28	3.32	3.34	3.26	.03	.01	.01	.00	.87	.89	.89	.93	1,129	14,658	15,973	119,739	.165	.019	.494	-.04	-.07	.02

^a All statistics are weighted by gender, enrollment status, and institutional size. Unlike the frequency report, the number of respondents (N) is weighted to show the correct degrees of freedom for the statistical tests.

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

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

^d This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^e Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.



**National Survey
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	Mean				Standard Error of the Mean ^b				Standard deviation ^c				Number of respondents				Significance ^d			Effect size ^e		
	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic compared with:			Virginia Polytechnic compared with:		
																	Selected Peers	Carnegie Peers	NSSE 2006	Selected Peers	Carnegie Peers	NSSE 2006
READOWN	2.00	2.05	2.06	2.06	.03	.01	.01	.00	.89	.91	.90	.91	1,128	14,655	15,970	119,744	.039	.034	.015	-.06	-.06	-.07
WRITEMOR	1.19	1.20	1.20	1.25	.02	.00	.00	.00	.59	.56	.56	.64	1,129	14,647	15,963	119,711	.635	.593	.001	-.01	-.02	-.10
WRITEMID	2.29	2.24	2.26	2.29	.02	.01	.01	.00	.78	.82	.82	.84	1,129	14,656	15,972	119,717	.069	.349	.992	.06	.03	.00
WRITESML	3.04	3.00	3.01	3.05	.03	.01	.01	.00	1.06	1.01	1.00	1.05	1,129	14,656	15,972	119,697	.287	.501	.562	.03	.02	-.02
PROBSETA	2.82	2.68	2.67	2.62	.03	.01	.01	.00	1.16	1.15	1.15	1.12	1,125	14,617	15,930	119,364	.000	.000	.000	.12	.13	.18
PROBSETB	2.85	2.67	2.65	2.74	.03	.01	.01	.00	1.16	1.22	1.22	1.22	1,123	14,612	15,923	119,254	.000	.000	.001	.15	.16	.09
EXAMS	5.57	5.52	5.53	5.41	.03	.01	.01	.00	1.06	1.13	1.13	1.15	1,125	14,645	15,961	119,576	.166	.232	.000	.04	.03	.13
ATDART05	1.84	2.03	2.04	2.10	.02	.01	.01	.00	.80	.86	.86	.91	1,117	14,521	15,831	118,722	.000	.000	.000	-.22	-.23	-.29
EXRCSE05	3.01	2.89	2.90	2.77	.03	.01	.01	.00	.94	.98	.98	1.06	1,117	14,517	15,827	118,714	.000	.000	.000	.12	.11	.23
WORSHPO5	2.04	2.00	2.00	2.09	.03	.01	.01	.00	1.09	1.09	1.09	1.12	1,114	14,482	15,789	118,452	.212	.216	.123	.04	.04	-.05
OWNVIEW	2.52	2.57	2.58	2.58	.03	.01	.01	.00	.86	.88	.88	.89	1,116	14,492	15,800	118,626	.051	.015	.022	-.06	-.07	-.07
OTHRVIEW	2.63	2.74	2.75	2.74	.02	.01	.01	.00	.83	.84	.84	.86	1,114	14,513	15,823	118,674	.000	.000	.000	-.14	-.15	-.14
CHNGVIEW	2.78	2.80	2.81	2.80	.02	.01	.01	.00	.83	.82	.82	.84	1,115	14,513	15,822	118,637	.360	.214	.392	-.03	-.04	-.03
INTERN04	.05	.07	.07	.07	.01	.00	.00	.00	.23	.25	.25	.26	1,085	14,263	15,563	116,944	.075	.026	.003	-.05	-.06	-.08
VOLNTR04	.37	.37	.38	.37	.01	.00	.00	.00	.48	.48	.48	.48	1,086	14,248	15,546	116,821	.949	.722	.823	.00	-.01	.01
LRNCOM04	.15	.21	.20	.16	.01	.00	.00	.00	.35	.41	.40	.36	1,086	14,254	15,554	116,893	.000	.000	.398	-.16	-.14	-.03
RESRCH04	.03	.05	.05	.05	.01	.00	.00	.00	.17	.22	.22	.21	1,086	14,258	15,557	116,845	.000	.000	.000	-.10	-.10	-.09
FORLNG04	.15	.32	.33	.23	.01	.00	.00	.00	.36	.47	.47	.42	1,086	14,257	15,557	116,916	.000	.000	.000	-.36	-.38	-.18
STDABR04	.02	.02	.02	.03	.00	.00	.00	.00	.14	.15	.15	.16	1,086	14,256	15,556	116,828	.560	.695	.159	-.02	-.01	-.04
INDSTD04	.02	.03	.03	.03	.00	.00	.00	.00	.14	.16	.16	.18	1,086	14,250	15,550	116,814	.118	.186	.004	-.04	-.04	-.07
SNRX04	.01	.01	.01	.01	.00	.00	.00	.00	.11	.11	.11	.12	1,086	14,246	15,544	116,841	.821	.828	.429	-.01	-.01	-.02
ENVSTU	5.76	5.45	5.46	5.48	.04	.01	.01	.00	1.25	1.36	1.36	1.38	1,086	14,268	15,568	116,878	.000	.000	.000	.23	.22	.20
ENVFAC	5.04	4.93	4.95	5.20	.04	.01	.01	.00	1.25	1.30	1.30	1.32	1,086	14,263	15,563	116,863	.005	.021	.000	.09	.07	-.11
ENVADM	4.62	4.40	4.40	4.60	.04	.01	.01	.00	1.42	1.52	1.52	1.57	1,082	14,241	15,540	116,785	.000	.000	.658	.14	.14	.01
ACADPR01	4.46	4.28	4.31	3.98	.05	.01	.01	.00	1.60	1.65	1.65	1.62	1,075	14,193	15,485	116,140	.001	.005	.000	.11	.09	.29
WORKON01	1.30	1.51	1.52	1.53	.03	.01	.01	.00	.92	1.19	1.20	1.22	1,075	14,185	15,476	116,207	.000	.000	.000	-.17	-.18	-.19
WORKOF01	1.24	1.92	1.87	2.60	.03	.02	.01	.01	.99	1.83	1.79	2.40	1,073	14,183	15,474	116,167	.000	.000	.000	-.37	-.35	-.56
COCURR01	2.54	2.27	2.31	2.17	.05	.01	.01	.00	1.68	1.45	1.47	1.50	1,075	14,188	15,479	116,205	.000	.000	.000	.18	.15	.25

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																	Selected Peers	Carnegie Peers	NSSE 2006	Selected Peers	Carnegie Peers	NSSE 2006
SOCIAL05	4.06	3.97	3.97	3.79	.05	.01	.01	.00	1.68	1.69	1.69	1.69	1,075	14,184	15,475	116,098	.076	.071	.000	.06	.06	.16
CAREDE01	1.10	1.34	1.32	1.78	.02	.01	.01	.01	.51	1.02	1.01	1.71	1,075	14,170	15,460	116,016	.000	.000	.000	-.23	-.22	-.40
COMMUTE	2.17	2.29	2.27	2.24	.02	.01	.01	.00	.79	.87	.88	1.03	1,075	14,187	15,477	116,100	.000	.000	.003	-.13	-.11	-.07
ENVSCHOL	3.20	3.10	3.11	3.07	.02	.01	.01	.00	.68	.76	.76	.77	1,061	14,096	15,376	115,144	.000	.000	.000	.13	.11	.17
ENVSUPRT	3.10	2.96	2.97	2.99	.02	.01	.01	.00	.74	.80	.80	.81	1,061	14,086	15,366	115,094	.000	.000	.000	.17	.15	.13
ENVDIVRS	2.60	2.58	2.60	2.57	.03	.01	.01	.00	.95	.96	.96	.97	1,058	14,083	15,363	115,028	.626	.940	.275	.02	.00	.03
ENVNACAD	2.18	2.01	2.02	2.13	.03	.01	.01	.00	.91	.90	.90	.93	1,060	14,068	15,347	114,982	.000	.000	.049	.19	.18	.06
ENVSOCAL	2.48	2.35	2.35	2.37	.03	.01	.01	.00	.89	.90	.90	.93	1,061	14,076	15,357	114,931	.000	.000	.000	.15	.15	.12
ENVEVENT	2.88	2.81	2.83	2.75	.03	.01	.01	.00	.83	.88	.88	.95	1,061	14,089	15,370	115,018	.009	.044	.000	.08	.06	.14
ENVCOMPT	3.59	3.41	3.41	3.31	.02	.01	.01	.00	.68	.75	.75	.79	1,061	14,089	15,370	115,073	.000	.000	.000	.24	.23	.34
GNGENLED	3.22	3.12	3.13	3.12	.02	.01	.01	.00	.74	.77	.77	.79	1,047	13,898	15,170	113,889	.000	.000	.000	.13	.11	.13
GNWORK	2.91	2.66	2.67	2.70	.03	.01	.01	.00	.88	.94	.94	.95	1,047	13,896	15,168	113,844	.000	.000	.000	.27	.26	.23
GNWRITE	2.84	2.85	2.86	2.95	.03	.01	.01	.00	.84	.89	.89	.87	1,047	13,893	15,165	113,875	.639	.418	.000	-.01	-.02	-.13
GNSPEAK	2.68	2.57	2.58	2.75	.03	.01	.01	.00	.90	.96	.96	.92	1,047	13,893	15,165	113,859	.000	.001	.007	.11	.10	-.08
GNANALY	3.27	3.17	3.18	3.16	.02	.01	.01	.00	.74	.79	.79	.80	1,047	13,885	15,158	113,884	.000	.000	.000	.12	.11	.14
GNQUANT	3.12	2.91	2.91	2.85	.02	.01	.01	.00	.80	.90	.90	.89	1,046	13,889	15,159	113,763	.000	.000	.000	.24	.23	.30
GNCMPTS	3.26	3.04	3.04	2.99	.03	.01	.01	.00	.82	.91	.91	.91	1,047	13,899	15,171	113,862	.000	.000	.000	.24	.25	.30
GNOTHERS	3.06	2.86	2.86	2.92	.03	.01	.01	.00	.86	.91	.90	.89	1,047	13,895	15,167	113,868	.000	.000	.000	.23	.23	.16
GNCITIZN	2.41	1.91	1.90	1.92	.03	.01	.01	.00	1.04	.97	.97	.99	1,027	13,745	15,011	112,795	.000	.000	.000	.52	.52	.50
GNINQ	3.04	2.87	2.88	2.85	.03	.01	.01	.00	.81	.87	.87	.86	1,027	13,743	15,010	112,848	.000	.000	.000	.19	.18	.22
GNSELF	2.76	2.65	2.66	2.71	.03	.01	.01	.00	.93	.97	.97	.97	1,027	13,742	15,007	112,873	.001	.002	.094	.11	.10	.05
GNDIVERS	2.50	2.56	2.58	2.58	.03	.01	.01	.00	.95	.96	.96	.97	1,024	13,741	15,006	112,844	.045	.011	.010	-.06	-.08	-.08
GNPROBSV	2.74	2.58	2.58	2.58	.03	.01	.01	.00	.89	.91	.91	.93	1,027	13,743	15,010	112,836	.000	.000	.000	.17	.17	.17
GNETHICS	2.64	2.48	2.49	2.59	.03	.01	.01	.00	.95	.99	.99	1.00	1,027	13,740	15,007	112,828	.000	.000	.069	.16	.15	.05
GNCOMMUN	2.44	2.27	2.29	2.34	.03	.01	.01	.00	.91	.94	.95	.98	1,027	13,733	15,000	112,806	.000	.000	.001	.18	.16	.10
GNSPIRIT	1.94	1.84	1.85	2.05	.03	.01	.01	.00	1.01	.99	1.00	1.07	1,024	13,742	15,009	112,807	.002	.006	.000	.10	.09	-.11
ADVISE	3.01	2.89	2.89	2.94	.03	.01	.01	.00	.81	.87	.87	.85	1,028	13,830	15,098	113,221	.000	.000	.006	.15	.15	.09
ENTIREXP	3.36	3.18	3.20	3.16	.02	.01	.01	.00	.67	.70	.70	.71	1,028	13,833	15,102	113,275	.000	.000	.000	.26	.24	.28
SAMECOLL	3.46	3.28	3.28	3.20	.02	.01	.01	.00	.75	.80	.80	.83	1,025	13,833	15,102	113,254	.000	.000	.000	.23	.23	.32

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

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

^d This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^e Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.



**National Survey
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NSSE 2006 Detailed Statistics ^a

**Virginia Polytechnic Institute and State University
Seniors**

	Mean				Standard Error of the Mean ^b				Standard deviation ^c				Number of respondents				Significance ^d			Effect size ^e		
	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic compared with:			Virginia Polytechnic compared with:		
																	Selected Peers	Carnegie Peers	NSSE 2006	Selected Peers	Carnegie Peers	NSSE 2006
CLQUEST	2.69	2.87	2.88	3.06	.03	.01	.01	.00	.86	.87	.88	.85	1,074	19,646	20,844	127,469	.000	.000	.000	-.21	-.22	-.44
CLPRESEN	2.69	2.58	2.58	2.80	.03	.01	.01	.00	.82	.84	.84	.86	1,074	19,645	20,843	127,410	.000	.000	.000	.13	.13	-.12
REWROPAP	2.30	2.35	2.35	2.49	.03	.01	.01	.00	.92	.96	.96	.98	1,074	19,632	20,829	127,383	.061	.085	.000	-.06	-.05	-.19
INTEGRAT	3.22	3.22	3.23	3.30	.02	.01	.01	.00	.78	.76	.76	.74	1,074	19,634	20,830	127,367	.780	.616	.000	-.01	-.02	-.11
DIVCLASS	2.44	2.67	2.68	2.78	.03	.01	.01	.00	.89	.94	.94	.92	1,073	19,620	20,810	127,291	.000	.000	.000	-.25	-.26	-.37
CLUNPREP	2.28	2.29	2.29	2.12	.02	.01	.01	.00	.76	.81	.81	.78	1,074	19,620	20,813	127,271	.654	.633	.000	-.01	-.01	.21
CLASSGRP	2.42	2.39	2.38	2.51	.03	.01	.01	.00	.86	.88	.88	.88	1,074	19,615	20,810	127,309	.350	.172	.000	.03	.04	-.11
OCCGRP	3.04	2.80	2.80	2.75	.03	.01	.01	.00	.84	.89	.89	.90	1,074	19,632	20,828	127,371	.000	.000	.000	.27	.27	.33
INTIDEAS	2.92	2.89	2.89	2.91	.03	.01	.01	.00	.81	.80	.80	.80	1,008	18,839	19,977	123,845	.162	.227	.513	.05	.04	.02
TUTOR	1.91	1.87	1.88	1.89	.03	.01	.01	.00	.90	.94	.94	.96	1,012	18,843	19,983	123,872	.168	.234	.301	.04	.04	.03
COMMPROJ	1.61	1.58	1.58	1.69	.03	.01	.01	.00	.82	.85	.85	.89	1,012	18,819	19,956	123,806	.289	.244	.002	.03	.04	-.09
ITACADEM	3.18	2.85	2.86	2.85	.03	.01	.01	.00	.85	1.01	1.01	1.02	1,012	18,844	19,981	123,895	.000	.000	.000	.33	.32	.33
EMAIL	3.36	3.32	3.33	3.31	.02	.01	.01	.00	.76	.76	.76	.78	1,012	18,836	19,974	123,889	.105	.210	.018	.05	.04	.07
FACGRADE	2.67	2.69	2.69	2.79	.03	.01	.01	.00	.86	.87	.87	.87	1,012	18,835	19,972	123,874	.523	.416	.000	-.02	-.03	-.14
FACPLANS	2.25	2.28	2.29	2.41	.03	.01	.01	.00	.88	.92	.92	.96	1,012	18,840	19,979	123,883	.224	.136	.000	-.04	-.05	-.17
FACIDEAS	1.88	1.97	1.98	2.08	.03	.01	.01	.00	.80	.88	.88	.91	1,012	18,837	19,974	123,857	.001	.000	.000	-.11	-.12	-.22
FACFEED	2.59	2.64	2.65	2.76	.03	.01	.01	.00	.81	.78	.78	.80	986	18,632	19,756	122,951	.056	.028	.000	-.06	-.07	-.22
WORKHARD	2.56	2.57	2.57	2.69	.03	.01	.01	.00	.82	.86	.86	.85	988	18,635	19,759	122,936	.770	.713	.000	-.01	-.01	-.16
FACOTHER	1.82	1.70	1.72	1.81	.03	.01	.01	.00	.89	.89	.90	.94	988	18,635	19,759	122,920	.000	.000	.566	.13	.12	.02
OOCIDEAS	2.76	2.81	2.82	2.84	.03	.01	.01	.00	.82	.85	.85	.85	988	18,631	19,755	122,914	.071	.037	.002	-.06	-.07	-.10
DIVRSTUD	2.79	2.70	2.73	2.64	.03	.01	.01	.00	.94	.98	.98	.99	988	18,626	19,750	122,857	.005	.040	.000	.09	.06	.15
DIFFSTU2	2.90	2.80	2.81	2.71	.03	.01	.01	.00	.89	.93	.94	.96	988	18,637	19,762	122,869	.001	.003	.000	.11	.09	.20
MEMORIZE	2.75	2.75	2.75	2.74	.03	.01	.01	.00	.89	.93	.93	.91	971	18,546	19,664	122,344	.855	.850	.868	-.01	-.01	.01
ANALYZE	3.27	3.21	3.22	3.22	.02	.01	.01	.00	.72	.75	.75	.75	971	18,543	19,662	122,290	.022	.044	.054	.08	.07	.06
SYNTHESZ	2.95	2.98	2.99	3.01	.03	.01	.01	.00	.81	.84	.84	.84	971	18,543	19,661	122,265	.286	.151	.021	-.04	-.05	-.07
EVALUATE	2.87	2.89	2.90	2.94	.03	.01	.01	.00	.84	.89	.89	.87	971	18,538	19,653	122,255	.438	.323	.007	-.02	-.03	-.09
APPLYING	3.26	3.14	3.14	3.17	.02	.01	.01	.00	.76	.86	.86	.83	971	18,537	19,656	122,276	.000	.000	.000	.14	.13	.10
READASGN	3.00	3.21	3.22	3.18	.03	.01	.01	.00	.94	.99	.99	1.01	969	18,455	19,571	121,962	.000	.000	.000	-.21	-.22	-.18

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

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**National Survey
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**Virginia Polytechnic Institute and State University
Seniors**

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	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic	Selected Peers	Carnegie Peers	NSSE 2006	Virginia Polytechnic compared with:			Virginia Polytechnic compared with:		
																	Selected Peers	Carnegie Peers	NSSE 2006	Selected Peers	Carnegie Peers	NSSE 2006
READOWN	2.18	2.23	2.23	2.21	.03	.01	.01	.00	.97	.99	.98	.98	971	18,438	19,555	121,975	.175	.171	.365	-.04	-.04	-.03
WRITEMOR	1.70	1.60	1.60	1.64	.03	.01	.01	.00	.85	.74	.74	.76	971	18,456	19,573	122,001	.000	.001	.035	.13	.13	.08
WRITEMID	2.61	2.59	2.60	2.59	.03	.01	.01	.00	.98	.95	.94	.95	971	18,459	19,576	121,974	.640	.746	.522	.02	.01	.02
WRITESML	3.11	3.01	3.01	2.98	.04	.01	.01	.00	1.13	1.13	1.13	1.16	971	18,455	19,571	121,949	.008	.007	.001	.09	.09	.11
PROBSETA	2.84	2.52	2.51	2.57	.04	.01	.01	.00	1.27	1.25	1.25	1.22	965	18,377	19,488	121,370	.000	.000	.000	.25	.27	.23
PROBSETB	2.29	2.19	2.17	2.34	.04	.01	.01	.00	1.16	1.19	1.19	1.21	965	18,363	19,475	121,209	.013	.003	.117	.08	.10	-.05
EXAMS	5.31	5.30	5.30	5.41	.04	.01	.01	.00	1.13	1.28	1.28	1.24	969	18,436	19,548	121,647	.744	.825	.005	.01	.01	-.08
ATDART05	1.96	2.01	2.02	2.01	.03	.01	.01	.00	.83	.87	.88	.90	963	18,321	19,428	121,226	.106	.042	.072	-.05	-.07	-.05
EXRCSE05	2.97	2.81	2.82	2.70	.03	.01	.01	.00	.96	1.00	1.00	1.04	963	18,322	19,429	121,211	.000	.000	.000	.16	.15	.26
WORSHPO5	2.04	2.05	2.04	2.18	.03	.01	.01	.00	1.08	1.12	1.12	1.14	961	18,264	19,363	120,959	.861	.923	.000	-.01	.00	-.13
OWNVIEW	2.62	2.68	2.68	2.69	.03	.01	.01	.00	.87	.88	.88	.88	960	18,316	19,423	121,159	.059	.050	.017	-.06	-.06	-.08
OTHRVIEW	2.76	2.82	2.83	2.83	.03	.01	.01	.00	.82	.85	.85	.85	960	18,316	19,422	121,169	.022	.014	.008	-.08	-.08	-.09
CHNGVIEW	2.77	2.87	2.87	2.87	.03	.01	.01	.00	.79	.81	.81	.81	963	18,318	19,425	121,173	.000	.000	.000	-.12	-.13	-.13
INTERN04	.62	.56	.56	.53	.02	.00	.00	.00	.48	.50	.50	.50	946	18,103	19,198	120,067	.000	.000	.000	.13	.12	.19
VOLNTR04	.67	.64	.64	.59	.02	.00	.00	.00	.47	.48	.48	.49	946	18,078	19,173	119,987	.048	.078	.000	.06	.06	.16
LRNCOM04	.21	.26	.26	.25	.01	.00	.00	.00	.41	.44	.44	.43	946	18,078	19,172	120,006	.000	.001	.002	-.12	-.11	-.10
RESRCH04	.25	.23	.24	.19	.01	.00	.00	.00	.43	.42	.43	.39	946	18,096	19,191	120,038	.453	.683	.000	.03	.01	.14
FORLNG04	.31	.52	.53	.41	.01	.00	.00	.00	.46	.50	.50	.49	946	18,101	19,195	120,071	.000	.000	.000	-.44	-.45	-.22
STDABR04	.18	.17	.18	.14	.01	.00	.00	.00	.38	.38	.38	.35	946	18,091	19,185	119,993	.659	.877	.010	.01	-.01	.09
INDSTD04	.19	.17	.17	.19	.01	.00	.00	.00	.39	.38	.38	.39	946	18,093	19,188	120,026	.156	.153	.674	.05	.05	.01
SNRX04	.47	.28	.28	.32	.02	.00	.00	.00	.50	.45	.45	.47	946	18,095	19,190	120,036	.000	.000	.000	.42	.41	.31
ENVSTU	5.75	5.46	5.46	5.60	.04	.01	.01	.00	1.22	1.38	1.38	1.34	937	18,061	19,153	119,976	.000	.000	.000	.21	.21	.11
ENVFAC	5.06	5.10	5.11	5.42	.04	.01	.01	.00	1.33	1.36	1.36	1.34	939	18,056	19,147	120,015	.353	.243	.000	-.03	-.04	-.27
ENVADM	4.71	4.28	4.28	4.50	.05	.01	.01	.00	1.57	1.65	1.65	1.68	935	18,051	19,142	119,932	.000	.000	.000	.26	.26	.12
ACADPR01	4.61	4.25	4.25	4.10	.06	.01	.01	.01	1.84	1.77	1.76	1.73	930	17,973	19,061	119,465	.000	.000	.000	.20	.20	.30
WORKON01	1.81	1.99	1.99	1.83	.05	.01	.01	.00	1.57	1.71	1.71	1.59	930	17,970	19,057	119,436	.001	.000	.615	-.10	-.11	-.02
WORKOF01	2.08	3.12	3.06	3.82	.06	.02	.02	.01	1.94	2.54	2.52	2.81	930	17,976	19,064	119,444	.000	.000	.000	-.41	-.39	-.62
COCURR01	2.62	2.20	2.23	2.08	.05	.01	.01	.00	1.67	1.50	1.51	1.52	930	17,970	19,058	119,473	.000	.000	.000	.28	.26	.36

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																	Selected Peers	Carnegie Peers	NSSE 2006	Selected Peers	Carnegie Peers	NSSE 2006
SOCIAL05	3.93	3.68	3.69	3.48	.05	.01	.01	.00	1.62	1.59	1.59	1.55	933	17,943	19,029	119,307	.000	.000	.000	.16	.15	.29
CAREDE01	1.27	1.74	1.72	2.34	.03	.01	.01	.01	1.01	1.74	1.71	2.28	933	17,935	19,021	119,269	.000	.000	.000	-.27	-.27	-.47
COMMUTE	2.20	2.37	2.36	2.38	.02	.01	.01	.00	.71	.89	.89	1.04	933	17,958	19,045	119,362	.000	.000	.000	-.19	-.19	-.17
ENVSCHOL	3.23	3.05	3.06	3.08	.02	.01	.01	.00	.74	.79	.79	.78	921	17,838	18,916	118,720	.000	.000	.000	.23	.21	.19
ENVSUPRT	2.94	2.72	2.73	2.87	.03	.01	.01	.00	.79	.84	.84	.84	921	17,836	18,915	118,710	.000	.000	.003	.27	.26	.09
ENVDIVRS	2.34	2.30	2.31	2.40	.03	.01	.01	.00	.91	.97	.98	.98	921	17,825	18,904	118,591	.232	.457	.046	.04	.02	-.06
ENVNACAD	1.94	1.72	1.73	1.90	.03	.01	.01	.00	.88	.82	.82	.91	919	17,810	18,889	118,546	.000	.000	.250	.26	.25	.04
ENVSOCAL	2.23	2.08	2.09	2.14	.03	.01	.01	.00	.87	.87	.88	.91	921	17,818	18,896	118,451	.000	.000	.005	.17	.16	.09
ENVEVENT	2.81	2.62	2.63	2.56	.03	.01	.01	.00	.85	.90	.90	.95	921	17,829	18,906	118,599	.000	.000	.000	.21	.20	.26
ENVCOMPT	3.67	3.53	3.53	3.47	.02	.01	.01	.00	.60	.70	.69	.74	921	17,837	18,916	118,678	.000	.000	.000	.21	.20	.28
GNGENLED	3.25	3.20	3.20	3.24	.03	.01	.01	.00	.80	.81	.81	.79	913	17,719	18,791	117,949	.036	.073	.656	.07	.06	.01
GNWORK	3.15	2.93	2.93	3.02	.03	.01	.01	.00	.88	.95	.95	.93	913	17,719	18,791	117,900	.000	.000	.000	.23	.23	.14
GNWRITE	3.04	3.00	3.00	3.07	.03	.01	.01	.00	.80	.88	.88	.86	913	17,717	18,788	117,916	.132	.175	.231	.05	.04	-.04
GNSPEAK	2.89	2.82	2.82	2.96	.03	.01	.01	.00	.87	.93	.93	.90	913	17,714	18,785	117,911	.012	.013	.023	.08	.08	-.08
GNANALY	3.40	3.31	3.32	3.33	.02	.01	.01	.00	.70	.76	.76	.76	912	17,703	18,775	117,922	.000	.000	.001	.12	.11	.10
GNQUANT	3.26	3.03	3.03	3.01	.03	.01	.01	.00	.82	.91	.91	.89	913	17,693	18,764	117,821	.000	.000	.000	.26	.25	.27
GNCMPTS	3.47	3.21	3.21	3.20	.02	.01	.01	.00	.74	.86	.86	.85	913	17,715	18,786	117,931	.000	.000	.000	.30	.30	.31
GNOTHERS	3.28	3.05	3.05	3.14	.02	.01	.01	.00	.76	.88	.88	.85	913	17,713	18,784	117,921	.000	.000	.000	.26	.26	.17
GNCITIZN	2.19	2.12	2.13	2.10	.03	.01	.01	.00	.98	1.02	1.02	1.04	905	17,634	18,696	117,294	.052	.081	.005	.07	.06	.09
GNINQ	3.13	2.97	2.97	2.99	.03	.01	.01	.00	.82	.89	.89	.89	905	17,635	18,699	117,350	.000	.000	.000	.19	.18	.16
GNSELF	2.82	2.70	2.71	2.78	.03	.01	.01	.00	.99	1.01	1.01	1.01	907	17,631	18,695	117,324	.000	.001	.183	.12	.11	.04
GNDIVERS	2.49	2.51	2.52	2.57	.03	.01	.01	.00	.96	.99	.99	.99	902	17,627	18,689	117,299	.575	.288	.007	-.02	-.03	-.09
GNPROBSV	2.92	2.70	2.71	2.71	.03	.01	.01	.00	.88	.96	.96	.96	905	17,624	18,686	117,340	.000	.000	.000	.23	.22	.22
GNETHICS	2.72	2.50	2.51	2.65	.03	.01	.01	.00	1.02	1.03	1.03	1.04	905	17,630	18,693	117,321	.000	.000	.042	.21	.19	.07
GNCOMMUN	2.47	2.32	2.33	2.42	.03	.01	.01	.00	.99	.99	1.00	1.02	905	17,625	18,687	117,293	.000	.000	.136	.15	.14	.05
GNSPIRIT	1.84	1.66	1.67	1.92	.03	.01	.01	.00	1.00	.95	.96	1.08	905	17,630	18,692	117,261	.000	.000	.010	.19	.17	-.08
ADVISE	2.86	2.70	2.70	2.82	.03	.01	.01	.00	.95	.97	.97	.95	912	17,669	18,738	117,566	.000	.000	.286	.17	.16	.04
ENTIREXP	3.39	3.17	3.18	3.19	.02	.01	.01	.00	.67	.75	.75	.74	912	17,671	18,740	117,567	.000	.000	.000	.30	.29	.28
SAMECOLL	3.45	3.24	3.23	3.17	.03	.01	.01	.00	.76	.85	.85	.86	912	17,666	18,735	117,548	.000	.000	.000	.25	.25	.32

^a All statistics are weighted by gender, enrollment status, and institutional size. Unlike the frequency report, the number of respondents (N) is weighted to show the correct degrees of freedom for the statistical tests.

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

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

^d This statistic represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^e Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the standard deviation of the comparison group.



**National Survey
of Student Engagement**

Virginia Polytechnic Institute and State University

Frequency Distributions

August 2006

Interpreting the Frequency Distributions Report

Sample

The Frequency Distributions report is based on information from *all* randomly selected students for both your institution and your comparison institutions.¹ Targeted oversamples and other non-randomly selected students are not included in this report.

Class

Frequency distributions are reported separately for first-year students and seniors. Institution-reported class ranks are used.

Variables

The items from the NSSE survey appear in the left column in the same order and wording as they appear on the instrument.

Variable Names

The name of each variable appears in the first column for easy reference to your raw data file and the Mean Comparisons report.

Response Options

Response options appear in the second column just as they appear on the instrument.

Weighting

Weights adjusting for gender, enrollment status, and institutional size are applied to the percentage column (%) of this report. Weights are computed separately for first-year students and seniors. Weighted results present a more accurate representation of your institution and comparison group students. *Only the column percents are weighted. The counts are the actual number of respondents. Because the counts are unweighted and the column percentages are weighted, you will not be able to calculate the column percent directly from the count numbers.* For more information about weighting, please visit the NSSE Web site at www.nsse.iub.edu/html/2006_inst_report.htm.



NSSE 2006 Engagement Item Frequency Distributions¹
NSSEville State University

Variable	Response Options	First-Year Students				Seniors			
		NSSEville State		Selected Peers		Carnegie Peers		NSSE 2006	
		Count	%	Count	%	Count	%	Count	%
1a. Asked questions in class or contributed to class discussions	CLQUEST	7	1%	210	3%	202	2%	3,791	3%
	Never	138	31%	2,721	40%	3,083	33%	47,772	38%
	Sometimes	163	40%	2,404	35%	3,290	38%	46,652	35%
	Often	94	27%	1,549	22%	2,158	26%	32,486	23%
	Very often	402	100%	6,884	100%	8,733	100%	130,701	100%
	Total								
b. Made a class presentation	CLPRESEN	43	11%	948	14%	955	12%	17,353	16%
	Never	244	57%	3,768	54%	4,515	50%	71,227	52%
	Sometimes	98	25%	1,739	25%	2,529	28%	32,693	24%
	Often	17	7%	426	7%	726	9%	9,340	7%
	Very often	402	100%	6,881	100%	8,725	100%	130,613	100%
	Total								
c. Prepared two or more drafts of a paper or assignment before turning it in	REWRPOPAP	35	10%	988	14%	884	11%	17,251	13%
	Never	101	23%	2,170	32%	2,494	29%	41,938	31%
	Sometimes	150	38%	2,195	32%	2,998	34%	42,107	32%
	Often	115	29%	1,525	22%	2,349	27%	29,281	23%
	Very often	401	100%	6,878	100%	8,725	100%	130,577	100%
	Total								
d. Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	10	3%	157	2%	179	3%	2,737	3%
	Never	76	16%	1,536	22%	1,758	21%	28,128	22%
	Sometimes	186	46%	3,174	46%	3,963	45%	58,796	44%
	Often	130	35%	2,007	29%	2,826	31%	40,907	31%
	Very often	402	100%	6,874	100%	8,726	100%	130,568	100%
	Total								
e. Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or assignments	DIVCLASS	25	6%	422	6%	598	8%	7,741	7%
	Never	134	33%	2,343	34%	3,107	34%	42,685	33%
	Sometimes	172	39%	2,613	38%	3,246	38%	49,846	38%
	Often	71	22%	1,497	22%	1,771	21%	30,252	22%
	Very often	402	100%	6,875	100%	8,722	100%	130,524	100%
	Total								
		16	3%	348	5%	507	7%	8,164	8%
		100	30%	1,926	32%	2,470	33%	40,724	33%
		117	35%	2,129	35%	2,489	34%	44,705	34%
		97	29%	1,683	27%	1,870	25%	34,484	26%
	330	100%	6,086	100%	7,336	100%	128,077	100%	

Count

The Count column represents the actual number of students who responded to the particular option in each question. *Counts are unweighted.*

Column Percentage (%)

This column represents the *weighted* percentage of students responding to the particular option in each question.

¹ U.S. institutions include only U.S. schools in their comparison groups. Canadian institutions contain both Canadian and U.S. institutions.



**National Survey
of Student Engagement**

**NSSE 2006 Engagement Item Frequency Distributions^a
Virginia Polytechnic Institute and State University**

First-Year Students

Seniors

	Variable	Response Options	Virginia Polytechnic				Selected Peers				Carnegie Peers				NSSE 2006			
			Count		%		Count		%		Count		%		Count		%	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
1a. Asked questions in class or contributed to class discussions	CLQUEST	Never	63	7%	373	5%	411	4%	3,735	3%	28	5%	260	3%	289	3%	2,084	2%
		Sometimes	443	52%	3,696	46%	4,410	45%	47,467	38%	235	42%	3,135	36%	3,584	35%	31,995	27%
		Often	254	30%	2,680	33%	3,398	34%	46,561	35%	182	32%	2,825	32%	3,326	32%	42,422	33%
		Very often	87	10%	1,305	16%	1,846	17%	32,493	23%	117	21%	2,536	29%	3,117	30%	51,514	37%
		Total	847	100%	8,054	100%	10,065	100%	130,256	100%	562	100%	8,756	100%	10,316	100%	128,015	100%
b. Made a class presentation	CLPRESEN	Never	129	15%	1,720	21%	1,951	21%	17,267	16%	22	4%	556	7%	639	6%	5,012	5%
		Sometimes	505	59%	4,663	57%	5,977	58%	70,966	53%	232	42%	3,934	45%	4,631	45%	41,138	34%
		Often	179	21%	1,339	17%	1,725	17%	32,612	24%	202	35%	2,808	32%	3,317	32%	49,144	37%
		Very often	34	4%	328	4%	409	4%	9,323	7%	106	19%	1,456	17%	1,727	17%	32,666	24%
		Total	847	100%	8,050	100%	10,062	100%	130,168	100%	562	100%	8,754	100%	10,314	100%	127,960	100%
c. Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP	Never	170	20%	1,291	16%	1,691	17%	17,116	13%	105	19%	1,682	20%	2,056	20%	20,704	16%
		Sometimes	268	32%	2,651	33%	3,365	33%	41,771	31%	250	45%	3,489	40%	4,135	40%	49,145	38%
		Often	260	30%	2,569	32%	3,108	31%	41,997	32%	132	23%	2,256	25%	2,591	25%	33,974	27%
		Very often	145	17%	1,535	19%	1,893	19%	29,251	23%	75	13%	1,322	15%	1,525	15%	24,122	19%
		Total	843	100%	8,046	100%	10,057	100%	130,135	100%	562	100%	8,749	100%	10,307	100%	127,945	100%
d. Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	Never	29	3%	307	4%	341	4%	2,718	3%	5	1%	122	1%	137	1%	1,207	1%
		Sometimes	253	30%	2,184	26%	2,690	26%	27,951	22%	97	19%	1,358	16%	1,568	16%	15,385	13%
		Often	380	45%	3,515	44%	4,412	44%	58,602	44%	220	38%	3,592	41%	4,170	41%	49,894	40%
		Very often	184	22%	2,036	26%	2,608	26%	40,853	31%	240	42%	3,680	41%	4,434	42%	61,438	46%
		Total	846	100%	8,042	100%	10,051	100%	130,124	100%	562	100%	8,752	100%	10,309	100%	127,924	100%
e. Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or assignments	DIVCLASS	Never	72	9%	624	8%	721	7%	7,694	7%	65	13%	810	10%	925	10%	8,115	8%
		Sometimes	310	36%	2,784	34%	3,404	33%	42,509	33%	247	45%	3,121	36%	3,582	35%	40,577	32%
		Often	316	37%	3,037	38%	3,847	39%	49,702	38%	164	28%	2,818	31%	3,361	32%	44,658	34%
		Very often	147	17%	1,601	21%	2,084	21%	30,176	23%	85	14%	1,996	23%	2,428	23%	34,496	26%
		Total	845	100%	8,046	100%	10,056	100%	130,081	100%	561	100%	8,745	100%	10,296	100%	127,846	100%
f. Come to class without completing readings or assignments	CLUNPREP	Never	168	19%	1,353	18%	1,738	18%	28,719	22%	65	11%	1,061	12%	1,228	12%	23,574	18%
		Sometimes	501	60%	4,722	58%	5,871	58%	77,876	59%	327	58%	5,056	57%	5,960	57%	76,970	59%
		Often	120	14%	1,404	17%	1,748	17%	16,497	14%	123	23%	1,763	20%	2,088	20%	18,692	15%
		Very often	57	7%	562	7%	692	7%	6,926	6%	47	8%	865	10%	1,022	10%	8,600	7%
		Total	846	100%	8,041	100%	10,049	100%	130,018	100%	562	100%	8,745	100%	10,298	100%	127,836	100%
g. Worked with other students on projects during class	CLASSGRP	Never	107	13%	1,157	14%	1,571	15%	15,797	12%	63	12%	1,158	14%	1,456	14%	12,997	10%
		Sometimes	399	47%	3,716	46%	4,753	46%	60,928	46%	272	48%	4,047	47%	4,872	47%	55,846	43%
		Often	266	31%	2,446	30%	2,867	30%	40,733	32%	155	27%	2,396	27%	2,706	26%	39,591	31%
		Very often	74	9%	726	9%	864	9%	12,616	10%	72	13%	1,142	13%	1,264	13%	19,452	15%
		Total	846	100%	8,045	100%	10,055	100%	130,074	100%	562	100%	8,743	100%	10,298	100%	127,886	100%

^a Column percentages (%) are weighted by gender, enrollment status, and institutional size. Because the counts are not weighted, you cannot calculate the column % directly from the counts.



National Survey of Student Engagement

NSSE 2006 Engagement Item Frequency Distributions^a Virginia Polytechnic Institute and State University

First-Year Students

Seniors

	Variable	Response Options	Virginia Polytechnic				Selected Peers				Carnegie Peers				NSSE 2006			
			Count		%		Count		%		Count		%		Count		%	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
h. Worked with classmates outside of class to prepare class assignments	OCCGRP	Never	74	9%	973	12%	1,134	12%	15,706	15%	15	3%	502	6%	592	6%	7,896	7%
		Sometimes	367	43%	3,623	45%	4,583	45%	58,084	45%	139	25%	2,991	35%	3,549	35%	43,679	35%
		Often	301	36%	2,397	30%	3,027	30%	40,522	29%	219	38%	2,916	33%	3,452	33%	44,703	34%
		Very often	103	13%	1,054	13%	1,314	13%	15,831	11%	189	34%	2,342	27%	2,714	26%	31,638	24%
		Total	845	100%	8,047	100%	10,058	100%	130,143	100%	562	100%	8,751	100%	10,307	100%	127,916	100%
i. Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS	Never	49	6%	469	6%	588	6%	7,629	7%	11	3%	221	3%	257	3%	3,171	3%
		Sometimes	362	46%	3,288	44%	4,007	43%	51,172	42%	154	29%	2,417	30%	2,813	30%	33,801	28%
		Often	290	36%	2,833	38%	3,590	38%	47,897	38%	224	42%	3,742	44%	4,382	43%	55,355	44%
		Very often	90	12%	928	12%	1,236	13%	16,886	13%	138	26%	2,038	24%	2,466	24%	32,309	25%
		Total	791	100%	7,518	100%	9,421	100%	123,584	100%	527	100%	8,418	100%	9,918	100%	124,636	100%
j. Tutored or taught other students (paid or voluntary)	TUTOR	Never	352	44%	3,699	49%	4,533	49%	62,438	52%	204	37%	3,592	42%	4,160	42%	50,997	43%
		Sometimes	305	39%	2,677	35%	3,389	35%	42,585	33%	214	42%	3,063	36%	3,632	37%	44,772	35%
		Often	92	12%	808	10%	1,064	11%	13,058	10%	69	13%	1,048	13%	1,259	13%	16,310	13%
		Very often	41	6%	335	5%	437	5%	5,534	4%	42	8%	716	9%	871	9%	12,576	9%
		Total	790	100%	7,519	100%	9,423	100%	123,615	100%	529	100%	8,419	100%	9,922	100%	124,655	100%
k. Participated in a community- based project (e.g. service learning) as part of a regular course	COMMPROJ	Never	555	70%	5,248	71%	6,720	71%	76,911	65%	299	57%	5,111	61%	6,092	61%	63,531	54%
		Sometimes	166	21%	1,520	20%	1,794	19%	31,099	23%	155	29%	2,112	25%	2,432	25%	38,282	29%
		Often	52	7%	515	7%	610	6%	10,917	8%	54	10%	770	9%	885	9%	14,457	11%
		Very often	17	2%	232	3%	295	3%	4,602	3%	21	4%	417	5%	502	5%	8,337	6%
		Total	790	100%	7,515	100%	9,419	100%	123,529	100%	529	100%	8,410	100%	9,911	100%	124,607	100%
l. Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	Never	62	8%	900	12%	1,059	12%	18,837	16%	14	3%	920	10%	1,039	10%	13,955	11%
		Sometimes	251	31%	2,330	30%	2,957	31%	38,152	30%	112	21%	2,412	29%	2,859	29%	34,317	27%
		Often	243	31%	2,169	29%	2,730	29%	34,104	27%	168	32%	2,195	26%	2,572	26%	33,435	27%
		Very often	235	30%	2,117	28%	2,673	28%	32,512	26%	235	45%	2,892	35%	3,449	35%	42,953	35%
		Total	791	100%	7,516	100%	9,419	100%	123,605	100%	529	100%	8,419	100%	9,919	100%	124,660	100%
m. Used e-mail to communicate with an instructor	EMAIL	Never	10	1%	131	2%	152	2%	2,378	3%	3	1%	48	1%	50	1%	947	1%
		Sometimes	205	26%	1,945	26%	2,333	26%	28,917	26%	78	16%	1,327	16%	1,501	16%	18,611	17%
		Often	293	37%	2,868	39%	3,597	39%	45,778	36%	160	31%	2,734	33%	3,164	33%	39,310	32%
		Very often	283	35%	2,572	33%	3,337	34%	46,530	34%	288	53%	4,307	50%	5,202	51%	65,802	50%
		Total	791	100%	7,516	100%	9,419	100%	123,603	100%	529	100%	8,416	100%	9,917	100%	124,670	100%
n. Discussed grades or assignments with an instructor	FACGRADE	Never	106	13%	777	10%	951	10%	9,436	9%	29	5%	449	6%	520	5%	5,028	5%
		Sometimes	379	48%	3,563	47%	4,489	47%	53,485	44%	221	43%	3,449	41%	4,059	41%	44,105	37%
		Often	221	28%	2,075	28%	2,585	28%	39,124	31%	167	31%	2,682	32%	3,153	32%	42,026	33%
		Very often	85	11%	1,100	15%	1,393	15%	21,530	17%	112	21%	1,835	21%	2,184	21%	33,490	25%
		Total	791	100%	7,515	100%	9,418	100%	123,575	100%	529	100%	8,415	100%	9,916	100%	124,649	100%

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**National Survey
of Student Engagement**

**NSSE 2006 Engagement Item Frequency Distributions^a
Virginia Polytechnic Institute and State University**

First-Year Students

Seniors

	Variable	Response Options	Virginia Polytechnic				Selected Peers				Carnegie Peers				NSSE 2006				
			Count		%		Count		%		Count		%		Count		%		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%			
o.	Talked about career plans with a faculty member or advisor	FACPLANS	Never	229	30%	1874	25%	2,497	26%	28,983	26%	100	20%	1604	20%	1,824	19%	18,361	17%
			Sometimes	405	50%	3654	49%	4,537	49%	59,006	47%	242	46%	3775	45%	4,481	45%	50,043	41%
			Often	113	14%	1441	19%	1,722	19%	24,863	19%	135	25%	1954	23%	2,308	23%	32,852	25%
			Very often	44	6%	547	7%	662	7%	10,747	8%	52	10%	1085	12%	1,307	13%	23,405	17%
		Total	791	100%	7516	100%	9,418	100%	123,599	100%	529	100%	8418	100%	9,920	100%	124,661	100%	
p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	Never	388	48%	3554	46%	4,320	46%	50,259	43%	187	35%	2751	33%	3,137	32%	32,240	28%
			Sometimes	317	41%	2803	38%	3,620	38%	49,619	39%	251	47%	3829	45%	4,553	45%	56,830	45%
			Often	62	8%	822	11%	1,048	11%	16,688	13%	69	14%	1228	15%	1,480	15%	22,664	17%
			Very often	24	3%	335	5%	429	5%	7,011	5%	22	4%	609	8%	747	8%	12,908	9%
		Total	791	100%	7514	100%	9,417	100%	123,577	100%	529	100%	8417	100%	9,917	100%	124,642	100%	
q.	Received prompt written or oral feedback from faculty on your academic performance	FACFEED	Never	80	10%	652	9%	747	9%	8,125	8%	36	7%	480	6%	536	6%	4,788	5%
			Sometimes	334	43%	3184	43%	3,861	42%	45,299	39%	205	40%	3095	38%	3,598	37%	37,011	32%
			Often	290	37%	2759	38%	3,574	38%	49,923	39%	203	40%	3603	43%	4,265	43%	57,021	45%
			Very often	76	10%	812	11%	1,098	11%	18,614	14%	72	13%	1156	13%	1,420	14%	24,948	18%
		Total	780	100%	7407	100%	9,280	100%	121,961	100%	516	100%	8334	100%	9,819	100%	123,768	100%	
r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	Never	74	10%	743	11%	960	11%	9,434	9%	37	7%	733	9%	859	9%	7,383	7%
			Sometimes	347	45%	3077	42%	3,802	41%	48,096	40%	221	43%	3372	40%	3,955	40%	44,553	37%
			Often	259	33%	2629	35%	3,273	35%	45,666	37%	185	35%	2961	36%	3,480	35%	47,341	38%
			Very often	100	13%	955	13%	1,242	13%	18,750	15%	74	14%	1267	15%	1,524	15%	24,467	19%
		Total	780	100%	7404	100%	9,277	100%	121,946	100%	517	100%	8333	100%	9,818	100%	123,744	100%	
s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	Never	542	70%	4838	66%	5,934	66%	69,475	61%	222	44%	4301	53%	4,909	52%	53,092	48%
			Sometimes	170	22%	1761	23%	2,304	24%	34,846	26%	189	36%	2548	30%	3,089	30%	40,818	31%
			Often	46	6%	598	8%	773	8%	12,609	9%	74	14%	1008	12%	1,201	12%	18,693	13%
			Very often	20	3%	206	3%	263	3%	4,989	4%	32	6%	477	6%	620	6%	11,135	8%
		Total	778	100%	7403	100%	9,274	100%	121,919	100%	517	100%	8334	100%	9,819	100%	123,738	100%	
t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	Never	50	7%	479	6%	563	6%	7,619	7%	16	3%	349	4%	386	4%	4,512	4%
			Sometimes	323	42%	2882	39%	3,526	39%	45,137	37%	195	38%	2832	34%	3,275	34%	39,569	33%
			Often	270	34%	2646	35%	3,328	35%	43,794	35%	197	38%	3120	37%	3,700	37%	47,289	38%
			Very often	135	17%	1395	19%	1,855	19%	25,356	20%	109	21%	2031	24%	2,456	24%	32,366	25%
		Total	778	100%	7402	100%	9,272	100%	121,906	100%	517	100%	8332	100%	9,817	100%	123,736	100%	
u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	Never	111	14%	1045	14%	1,159	13%	19,588	17%	36	7%	989	11%	1,052	11%	15,509	13%
			Sometimes	276	36%	2595	34%	3,107	34%	42,290	34%	184	36%	2903	34%	3,268	33%	44,830	35%
			Often	207	27%	2008	27%	2,542	27%	31,471	26%	145	27%	2317	28%	2,761	28%	33,110	27%
			Very often	182	23%	1759	24%	2,472	26%	28,539	23%	152	29%	2121	26%	2,734	27%	30,226	25%
		Total	776	100%	7407	100%	9,280	100%	121,888	100%	517	100%	8330	100%	9,815	100%	123,675	100%	

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National Survey of Student Engagement

NSSE 2006 Engagement Item Frequency Distributions^a Virginia Polytechnic Institute and State University

First-Year Students

Seniors

	Variable	Response Options	Virginia Polytechnic				Selected Peers				Carnegie Peers				NSSE 2006				
			Count		%		Count		%		Count		%		Count		%		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%			
v.	Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFFSTU2	Never	76	10%	611	8%	677	8%	12,585	12%	23	5%	638	8%	692	7%	11,085	10%
			Sometimes	250	32%	2421	33%	2,878	32%	40,594	34%	160	31%	2774	33%	3,172	32%	43,239	35%
			Often	230	30%	2294	31%	2,866	31%	35,982	29%	175	34%	2656	32%	3,111	32%	37,199	30%
			Very often	218	28%	2077	29%	2,854	30%	32,745	26%	159	30%	2266	28%	2,845	29%	32,160	26%
		Total	774	100%	7403	100%	9,275	100%	121,906	100%	517	100%	8334	100%	9,820	100%	123,683	100%	
2a.	Coursework emphasizes: Memorizing facts, ideas, or methods from your courses and readings	MEMORIZE	Very little	27	3%	358	5%	478	5%	7,189	6%	42	9%	742	9%	916	9%	11,553	9%
			Some	177	23%	1920	26%	2,445	26%	33,810	27%	145	28%	2506	30%	2,913	30%	39,278	31%
			Quite a bit	349	45%	3044	42%	3,737	41%	49,004	41%	214	42%	3032	36%	3,568	36%	44,890	37%
			Very much	222	28%	2024	27%	2,548	28%	30,999	26%	109	21%	2011	24%	2,373	24%	27,406	23%
		Total	775	100%	7346	100%	9,208	100%	121,002	100%	510	100%	8291	100%	9,770	100%	123,127	100%	
b.	Coursework emphasizes: Analyzing the basic elements of an idea, experience, or theory	ANALYZE	Very little	15	2%	166	2%	190	2%	2,588	2%	6	1%	131	2%	142	2%	1,673	2%
			Some	142	18%	1371	18%	1,606	18%	23,437	21%	65	13%	1242	15%	1,394	15%	17,692	15%
			Quite a bit	370	48%	3365	46%	4,195	46%	54,723	45%	227	44%	3727	44%	4,349	44%	53,197	43%
			Very much	247	32%	2442	34%	3,215	34%	40,191	32%	212	42%	3188	39%	3,883	39%	50,513	40%
		Total	774	100%	7344	100%	9,206	100%	120,939	100%	510	100%	8288	100%	9,768	100%	123,075	100%	
c.	Coursework emphasizes: Synthesizing and organizing ideas, information, or experiences	SYNTHESEZ	Very little	31	4%	344	5%	402	4%	5,622	5%	16	3%	318	4%	355	4%	3,995	4%
			Some	226	29%	2217	30%	2,646	29%	34,768	30%	138	26%	2050	25%	2,307	24%	27,481	24%
			Quite a bit	329	43%	3033	42%	3,800	42%	50,896	41%	218	44%	3402	41%	3,991	41%	50,410	41%
			Very much	186	24%	1745	24%	2,353	25%	29,588	23%	138	27%	2517	31%	3,113	31%	41,158	32%
		Total	772	100%	7339	100%	9,201	100%	120,874	100%	510	100%	8287	100%	9,766	100%	123,044	100%	
d.	Coursework emphasizes: Making judgments about the value of information, arguments, or methods	EVALUATE	Very little	43	5%	451	6%	569	6%	6,662	6%	25	5%	504	6%	583	6%	5,992	5%
			Some	243	31%	2288	31%	2,809	31%	34,259	29%	140	27%	2224	27%	2,543	26%	29,384	25%
			Quite a bit	327	42%	2998	41%	3,724	41%	50,872	42%	219	43%	3224	38%	3,831	39%	49,384	40%
			Very much	162	21%	1605	22%	2,102	22%	29,118	23%	126	25%	2335	28%	2,807	29%	38,283	30%
		Total	775	100%	7342	100%	9,204	100%	120,911	100%	510	100%	8287	100%	9,764	100%	123,043	100%	
e.	Coursework emphasizes: Applying theories or concepts to practical problems or in new situations	APPLYING	Very little	18	2%	252	4%	324	4%	4,658	4%	5	1%	286	4%	318	4%	3,380	3%
			Some	147	19%	1643	22%	2,025	22%	28,061	24%	88	16%	1604	20%	1,851	20%	20,992	18%
			Quite a bit	331	43%	2969	41%	3,665	41%	49,309	41%	194	39%	3008	35%	3,550	35%	45,985	37%
			Very much	279	36%	2478	33%	3,189	34%	38,890	31%	223	44%	3387	41%	4,046	41%	52,711	42%
		Total	775	100%	7342	100%	9,203	100%	120,918	100%	510	100%	8285	100%	9,765	100%	123,068	100%	
3a.	Number of assigned textbooks, books, or book-length packs of course readings	READASGN	None	5	1%	34	0%	41	0%	641	1%	11	3%	91	1%	104	1%	1,350	1%
			Between 1-4	118	16%	1133	16%	1,298	16%	20,579	20%	139	28%	1963	24%	2,216	24%	29,678	26%
			Between 5-10	368	48%	3331	46%	3,914	45%	49,072	43%	230	44%	3316	40%	3,822	40%	46,793	39%
			Between 11-20	206	26%	1984	26%	2,674	27%	34,044	25%	85	16%	1795	22%	2,184	22%	27,172	21%
			More than 20	76	10%	856	11%	1,267	12%	16,410	11%	44	9%	1096	13%	1,413	13%	17,814	13%
			Total	773	100%	7338	100%	9,194	100%	120,746	100%	509	100%	8261	100%	9,739	100%	122,807	100%

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National Survey of Student Engagement

NSSE 2006 Engagement Item Frequency Distributions^a Virginia Polytechnic Institute and State University

First-Year Students

Seniors

	Variable	Response Options	Virginia Polytechnic				Selected Peers				Carnegie Peers				NSSE 2006				
			Count		%		Count		%		Count		%		Count		%		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%			
b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	None	202	27%	1830	25%	2,207	25%	28,937	25%	105	21%	1605	19%	1,866	19%	23,869	20%
			Between 1-4	438	56%	4048	55%	5,134	56%	67,615	55%	269	53%	4436	54%	5,242	54%	66,785	54%
			Between 5-10	81	10%	944	12%	1,232	13%	15,831	13%	82	15%	1347	16%	1,615	16%	19,729	16%
			Between 11-20	26	3%	279	4%	344	4%	4,464	4%	31	6%	472	5%	561	5%	6,494	5%
			More than 20	25	3%	236	3%	276	3%	3,933	3%	23	4%	397	5%	452	5%	5,955	5%
			Total		772	100%	7337	100%	9,193	100%	120,780	100%	510	100%	8257	100%	9,736	100%	122,832
c.	Number of written papers or reports of 20 pages or more	WRITEMOR	None	669	86%	6317	85%	7,855	85%	100,383	82%	244	48%	4233	51%	4,840	51%	57,255	48%
			Between 1-4	84	11%	792	12%	1,060	12%	15,726	14%	208	40%	3416	41%	4,166	41%	55,227	43%
			Between 5-10	5	1%	136	2%	172	2%	2,551	3%	36	7%	445	6%	537	6%	7,257	6%
			Between 11-20	9	1%	60	1%	65	1%	1,144	1%	15	3%	90	1%	106	1%	1,661	1%
			More than 20	6	1%	31	0%	41	1%	954	1%	7	2%	78	1%	92	1%	1,434	1%
			Total		773	100%	7336	100%	9,193	100%	120,758	100%	510	100%	8262	100%	9,741	100%	122,834
d.	Number of written papers or reports between 5 and 19 pages	WRITEMID	None	90	12%	1202	16%	1,314	15%	14,149	14%	51	10%	702	9%	786	9%	9,351	9%
			Between 1-4	432	56%	3945	53%	4,748	52%	62,482	53%	200	39%	3581	43%	4,186	43%	51,366	44%
			Between 5-10	206	27%	1765	25%	2,485	26%	33,230	25%	187	36%	2661	32%	3,194	32%	41,139	32%
			Between 11-20	35	4%	365	6%	558	6%	9,013	7%	44	9%	1002	12%	1,203	12%	15,253	11%
			More than 20	10	1%	63	1%	92	1%	1,898	1%	28	6%	317	4%	372	4%	5,717	4%
			Total		773	100%	7340	100%	9,197	100%	120,772	100%	510	100%	8263	100%	9,741	100%	122,826
e.	Number of written papers or reports of fewer than 5 pages	WRITESML	None	21	3%	201	3%	232	3%	2,983	3%	22	5%	440	5%	543	6%	7,203	7%
			Between 1-4	266	34%	2453	33%	2,921	32%	33,587	31%	154	30%	2752	34%	3,228	33%	39,724	34%
			Between 5-10	247	32%	2581	35%	3,326	35%	42,146	34%	151	30%	2427	29%	2,893	29%	34,782	28%
			Between 11-20	145	19%	1447	20%	1,852	20%	27,020	21%	107	21%	1548	18%	1,814	18%	22,581	17%
			More than 20	94	12%	657	9%	865	9%	15,030	11%	76	15%	1094	13%	1,261	13%	18,529	14%
			Total		773	100%	7339	100%	9,196	100%	120,766	100%	510	100%	8261	100%	9,739	100%	122,819
4a.	Number of problem sets that take you more than an hour to complete	PROBSETA	None	79	10%	959	13%	1,264	13%	17,060	14%	88	16%	1978	23%	2,450	24%	26,354	21%
			1-2	265	34%	2739	37%	3,445	37%	42,850	37%	134	26%	2658	32%	3,128	32%	38,774	32%
			3-4	250	33%	2172	30%	2,657	30%	37,055	30%	152	31%	2035	26%	2,354	25%	33,334	27%
			5-6	76	10%	671	9%	838	9%	12,202	9%	56	11%	659	8%	740	8%	11,045	9%
			More than 6	100	13%	779	11%	970	11%	11,188	9%	77	15%	895	11%	1,026	11%	12,662	11%
			Total		770	100%	7320	100%	9,174	100%	120,355	100%	507	100%	8225	100%	9,698	100%	122,169
b.	Number of problem sets that take you less than an hour to complete	PROBSETB	None	66	9%	1082	16%	1,514	16%	16,876	14%	141	27%	2779	34%	3,478	34%	34,154	28%
			1-2	278	36%	2696	37%	3,388	37%	41,722	35%	192	38%	2959	36%	3,417	35%	43,090	36%
			3-4	237	31%	1833	25%	2,245	25%	32,248	26%	103	21%	1360	17%	1,558	17%	24,497	20%
			5-6	82	11%	771	10%	921	10%	14,152	11%	31	6%	471	6%	516	6%	9,530	8%
			More than 6	106	14%	937	13%	1,103	12%	15,259	13%	40	8%	648	8%	722	8%	10,760	9%
			Total		769	100%	7319	100%	9,171	100%	120,257	100%	507	100%	8217	100%	9,691	100%	122,031

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**National Survey
of Student Engagement**

**NSSE 2006 Engagement Item Frequency Distributions^a
Virginia Polytechnic Institute and State University**

First-Year Students

Seniors

	Variable	Response Options	Virginia Polytechnic				Selected Peers				Carnegie Peers				NSSE 2006			
			Count		%		Count		%		Count		%		Count		%	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
5. Mark the box that best represents the extent to which your examinations during the current school year challenged you to do your best work	EXAMS	1 Very little	2	0%	32	1%	39	1%	637	1%	3	1%	89	1%	100	1%	1,228	1%
		2	8	1%	77	1%	99	1%	1,241	1%	6	1%	187	2%	208	2%	2,016	2%
		3	17	2%	199	3%	252	3%	3,901	4%	16	3%	398	5%	480	5%	4,715	4%
		4	74	10%	734	10%	890	10%	13,932	12%	74	15%	1051	13%	1,206	13%	13,799	12%
		5	221	29%	2181	30%	2,676	30%	38,083	32%	187	36%	2522	30%	2,978	30%	36,414	30%
		6	308	40%	2715	36%	3,428	36%	41,936	33%	148	30%	2681	32%	3,185	32%	40,886	32%
		7 Very much	140	18%	1396	19%	1,806	20%	20,858	17%	75	14%	1318	16%	1,562	16%	23,418	19%
	Total	770	100%	7334	100%	9,190	100%	120,588	100%	509	100%	8246	100%	9,719	100%	122,476	100%	
6a. Attended an art exhibit, gallery, play, dance, or other theater performance	ATDART05	Never	269	36%	1979	28%	2,293	27%	27,596	27%	147	31%	2406	30%	2,685	29%	35,001	31%
		Sometimes	374	49%	3595	49%	4,587	49%	55,563	45%	254	49%	3960	48%	4,704	48%	55,852	45%
		Often	82	10%	1171	16%	1,552	16%	23,344	18%	75	15%	1185	14%	1,483	14%	19,239	14%
		Very often	39	5%	529	8%	691	8%	13,310	10%	30	6%	654	8%	802	8%	12,002	9%
		Total	764	100%	7274	100%	9,123	100%	119,813	100%	506	100%	8205	100%	9,674	100%	122,094	100%
b. Exercised or participated in physical fitness activities	EXRCSE05	Never	39	5%	580	9%	683	8%	13,535	14%	35	7%	764	10%	872	9%	15,162	14%
		Sometimes	225	29%	2114	29%	2,615	29%	33,021	28%	137	26%	2625	32%	3,028	32%	38,607	32%
		Often	207	27%	2040	27%	2,546	27%	30,170	25%	147	29%	2151	26%	2,521	26%	29,254	24%
		Very often	293	39%	2538	35%	3,277	35%	43,072	33%	187	38%	2666	32%	3,254	33%	39,062	30%
		Total	764	100%	7272	100%	9,121	100%	119,798	100%	506	100%	8206	100%	9,675	100%	122,085	100%
c. Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHPO5	Never	312	41%	3050	44%	3,783	44%	45,932	41%	202	41%	3389	43%	3,999	43%	42,843	37%
		Sometimes	231	30%	2081	28%	2,645	28%	33,760	27%	152	30%	2316	27%	2,767	27%	35,537	28%
		Often	93	13%	968	13%	1,236	13%	17,836	14%	68	14%	1082	13%	1,268	13%	18,495	15%
		Very often	126	16%	1155	15%	1,436	15%	22,018	18%	83	15%	1400	17%	1,614	17%	24,964	20%
		Total	762	100%	7254	100%	9,100	100%	119,546	100%	505	100%	8187	100%	9,648	100%	121,839	100%
d. Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	Never	77	10%	702	10%	829	10%	10,974	10%	36	8%	594	7%	701	7%	8,663	8%
		Sometimes	334	44%	2931	40%	3,579	40%	46,214	39%	200	39%	3060	37%	3,587	37%	42,702	36%
		Often	244	32%	2459	34%	3,145	34%	41,355	34%	177	35%	2944	35%	3,490	35%	45,015	36%
		Very often	108	15%	1172	16%	1,559	17%	21,194	17%	92	18%	1605	20%	1,894	20%	25,663	20%
		Total	763	100%	7264	100%	9,112	100%	119,737	100%	505	100%	8203	100%	9,672	100%	122,043	100%
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	Never	46	6%	378	5%	449	5%	6,498	6%	20	4%	376	5%	423	5%	5,132	5%
		Sometimes	319	42%	2609	36%	3,207	35%	40,864	35%	179	35%	2604	31%	3,065	31%	37,729	31%
		Often	269	35%	2795	39%	3,512	39%	46,219	38%	200	40%	3312	40%	3,918	40%	48,916	40%
		Very often	128	17%	1488	20%	1,951	21%	26,184	21%	106	20%	1911	24%	2,265	24%	30,273	24%
		Total	762	100%	7270	100%	9,119	100%	119,765	100%	505	100%	8203	100%	9,671	100%	122,050	100%
f. Learned something that changed the way you understand an issue or concept	CHNGVIEW	Never	25	3%	256	4%	303	4%	4,293	4%	11	3%	218	3%	253	3%	3,035	3%
		Sometimes	289	38%	2530	34%	3,075	34%	39,712	34%	193	37%	2659	32%	3,115	32%	37,965	32%
		Often	278	37%	2894	40%	3,666	40%	47,366	39%	202	41%	3356	41%	3,936	41%	49,684	41%
		Very often	171	22%	1590	22%	2,074	22%	28,388	23%	100	19%	1970	24%	2,368	25%	31,365	25%
		Total	763	100%	7270	100%	9,118	100%	119,759	100%	506	100%	8203	100%	9,672	100%	122,049	100%

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First-Year Students

Seniors

	Variable	Response Options	Virginia Polytechnic				Selected Peers				Carnegie Peers				NSSE 2006			
			Count		%		Count		%		Count		%		Count		%	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
7a. Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04	Have not decided	92	13%	878	13%	1,025	13%	15,778	15%	27	6%	556	7%	638	7%	8,417	8%
		Do not plan to do	21	3%	238	3%	283	3%	4,562	5%	89	18%	1322	16%	1,550	16%	19,383	17%
		Plan to do	592	79%	5567	77%	7,017	77%	88,962	73%	67	14%	1735	21%	1,875	20%	24,453	23%
		Done	38	5%	475	7%	670	7%	8,819	7%	315	62%	4499	56%	5,501	56%	68,802	53%
		Total	743	100%	7158	100%	8,995	100%	118,121	100%	498	100%	8112	100%	9,564	100%	121,055	100%
b. Community service or volunteer work	VOLNTR04	Have not decided	103	15%	958	15%	1,122	14%	16,471	16%	32	7%	633	8%	732	8%	10,701	10%
		Do not plan to do	50	8%	431	7%	522	7%	7,618	8%	77	17%	1290	16%	1,505	16%	19,118	18%
		Plan to do	311	41%	3012	41%	3,797	41%	46,507	39%	45	9%	1006	12%	1,132	12%	15,048	14%
		Done	280	37%	2752	37%	3,547	38%	47,407	37%	344	67%	5177	64%	6,188	64%	76,129	59%
		Total	744	100%	7153	100%	8,988	100%	118,003	100%	498	100%	8106	100%	9,557	100%	120,996	100%
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04	Have not decided	298	39%	1918	29%	2,565	29%	42,623	35%	54	11%	833	11%	985	11%	16,462	14%
		Do not plan to do	241	33%	2301	32%	2,969	32%	31,491	28%	306	63%	4654	58%	5,616	58%	64,060	53%
		Plan to do	97	13%	1250	18%	1,619	18%	26,233	22%	24	5%	453	5%	514	5%	8,351	8%
		Done	108	15%	1686	21%	1,838	20%	17,696	16%	114	21%	2165	26%	2,440	26%	32,090	25%
		Total	744	100%	7155	100%	8,991	100%	118,043	100%	498	100%	8105	100%	9,555	100%	120,963	100%
d. Worked on a research project with a faculty member outside of course or program requirements	RESRCH04	Have not decided	312	42%	2804	40%	3,443	40%	48,591	41%	55	11%	1064	13%	1,224	13%	18,068	16%
		Do not plan to do	154	21%	1581	22%	1,881	22%	28,995	26%	264	54%	4151	51%	4,876	51%	65,205	53%
		Plan to do	257	35%	2375	33%	3,182	34%	35,140	29%	53	11%	1007	12%	1,140	12%	12,890	12%
		Done	21	3%	397	5%	486	5%	5,322	5%	126	25%	1887	23%	2,321	24%	24,840	19%
		Total	744	100%	7157	100%	8,992	100%	118,048	100%	498	100%	8109	100%	9,561	100%	121,003	100%
e. Foreign language coursework	FORLNG04	Have not decided	162	21%	1033	16%	1,220	15%	20,522	19%	34	7%	434	6%	505	5%	9,109	8%
		Do not plan to do	324	45%	1865	25%	2,166	24%	30,673	28%	287	58%	2939	35%	3,403	35%	49,646	42%
		Plan to do	143	19%	1880	27%	2,409	27%	36,864	31%	18	4%	540	7%	617	7%	8,960	8%
		Done	115	15%	2378	32%	3,197	33%	30,016	23%	159	31%	4199	52%	5,039	53%	53,323	41%
		Total	744	100%	7156	100%	8,992	100%	118,075	100%	498	100%	8112	100%	9,564	100%	121,038	100%
f. Study abroad	STDABR04	Have not decided	240	33%	2047	29%	2,434	28%	33,825	30%	39	8%	844	11%	946	11%	13,697	13%
		Do not plan to do	194	27%	1565	23%	1,834	22%	30,265	29%	338	69%	5123	63%	5,943	63%	77,341	65%
		Plan to do	296	38%	3401	46%	4,559	47%	51,316	39%	30	6%	694	9%	751	9%	8,765	8%
		Done	14	2%	145	2%	167	2%	2,646	3%	91	18%	1448	17%	1,920	18%	21,184	14%
		Total	744	100%	7158	100%	8,994	100%	118,052	100%	498	100%	8109	100%	9,560	100%	120,987	100%
g. Independent study or self-designed major	INDSTD04	Have not decided	243	32%	2347	33%	2,958	33%	41,801	35%	40	8%	707	9%	814	9%	12,823	12%
		Do not plan to do	387	53%	3675	51%	4,663	51%	53,865	46%	334	67%	5361	67%	6,411	67%	73,439	61%
		Plan to do	100	14%	944	13%	1,159	13%	18,980	16%	29	6%	571	7%	633	7%	9,363	9%
		Done	14	2%	188	3%	211	3%	3,405	3%	95	19%	1470	17%	1,703	17%	25,362	19%
		Total	744	100%	7154	100%	8,991	100%	118,051	100%	498	100%	8109	100%	9,561	100%	120,987	100%

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Seniors

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			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
h.	Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	SNRX04	Have not decided	325	42%	3216	45%	3,829	44%	46,449	41%	36	7%	774	10%	894	10%	11,447	11%
			Do not plan to do	90	12%	916	13%	1,032	12%	12,421	12%	140	27%	2,786	37%	3,401	37%	30,778	28%
			Plan to do	321	44%	2,932	41%	4,015	42%	57,622	46%	92	19%	2,142	25%	2,395	25%	34,432	29%
			Done	8	1%	87	1%	110	1%	1,537	1%	230	47%	2,407	28%	2,871	28%	44,346	32%
			Total	744	100%	7,151	100%	8,986	100%	118,029	100%	498	100%	8,109	100%	9,561	100%	121,003	100%
8a.	Quality of relationships with other students	ENVSTU	1 Unfriendly, Unsupportive, Sense of Alienation	3	0%	45	1%	60	1%	1,118	1%	1	0%	79	1%	94	1%	976	1%
			2	16	2%	223	3%	264	3%	3,106	3%	8	2%	238	3%	276	3%	2,634	2%
			3	22	3%	369	5%	451	5%	5,821	5%	17	3%	411	5%	489	5%	5,031	5%
			4	69	9%	815	12%	1,003	12%	13,113	13%	49	10%	948	12%	1,099	12%	12,100	11%
			5	143	19%	1,606	22%	1,996	22%	24,380	21%	91	18%	1,764	22%	2,049	22%	24,097	21%
			6	240	33%	2,307	32%	2,890	32%	36,438	30%	168	34%	2,527	31%	2,976	31%	37,494	30%
			7 Friendly, Supportive, Sense of Belonging	251	33%	1,795	24%	2,331	25%	34,025	27%	160	32%	2,128	26%	2,560	26%	38,597	30%
			Total	744	100%	7,160	100%	8,995	100%	118,001	100%	494	100%	8,095	100%	9,543	100%	120,929	100%
b.	Quality of relationships with faculty members	ENVFAC	1 Unavailable, Unhelpful, Unsympathetic	6	1%	58	1%	64	1%	751	1%	5	1%	70	1%	84	1%	915	1%
			2	17	2%	252	4%	295	3%	2,542	3%	13	3%	292	4%	343	4%	2,619	3%
			3	57	8%	602	8%	708	8%	6,836	7%	39	8%	610	8%	687	7%	5,392	5%
			4	137	18%	1,569	22%	1,919	21%	18,886	18%	98	20%	1,346	17%	1,562	17%	13,873	13%
			5	252	34%	2,172	30%	2,735	30%	32,102	27%	126	26%	2,278	28%	2,679	28%	27,765	24%
			6	186	25%	1,772	25%	2,291	25%	35,199	28%	149	30%	2,268	28%	2,687	28%	38,785	31%
			7 Available, Helpful, Sympathetic	89	12%	733	11%	982	11%	21,690	17%	65	13%	1,231	15%	1,501	15%	31,619	24%
			Total	744	100%	7,158	100%	8,994	100%	118,006	100%	495	100%	8,095	100%	9,543	100%	120,968	100%
c.	Quality of relationships with administrative personnel and offices	ENVADM	1 Unhelpful, Inconsiderate, Rigid	12	2%	243	4%	307	4%	3,532	4%	18	4%	469	6%	564	6%	6,066	6%
			2	40	6%	557	8%	711	8%	7,511	7%	33	7%	867	11%	1,019	11%	10,327	9%
			3	93	13%	1,014	14%	1,304	14%	13,149	12%	53	11%	1,104	14%	1,326	14%	13,769	12%
			4	208	28%	1,889	26%	2,375	26%	27,068	23%	100	20%	1,865	23%	2,180	23%	25,270	21%
			5	170	23%	1,692	23%	2,103	23%	28,784	23%	107	22%	1,772	21%	2,067	21%	26,386	21%
			6	147	20%	1,149	16%	1,423	16%	22,859	18%	126	25%	1,254	16%	1,471	16%	22,374	18%
			7 Helpful, Considerate, Flexible	71	10%	602	9%	758	9%	15,000	12%	56	12%	759	9%	910	9%	16,698	13%
			Total	741	100%	7,146	100%	8,981	100%	117,903	100%	493	100%	8,090	100%	9,537	100%	120,890	100%

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			Count		%		Count		%		Count		%		Count		%	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
9a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01	0 hr/wk	0	0%	12	0%	18	0%	325	0%	0	0%	29	0%	34	0%	360	0%
		1-5 hr/wk	67	9%	897	13%	1,018	13%	17,535	18%	63	13%	1275	16%	1,460	16%	20,317	18%
		6-10 hr/wk	162	22%	1700	24%	2,018	24%	30,160	27%	101	20%	2017	25%	2,357	25%	31,143	27%
		11-15 hr/wk	174	24%	1621	22%	2,049	22%	25,833	21%	86	17%	1609	20%	1,910	20%	23,882	20%
		16-20 hr/wk	154	21%	1278	18%	1,658	18%	19,968	16%	94	20%	1290	16%	1,558	16%	18,867	15%
		21-25 hr/wk	91	12%	832	11%	1,099	11%	11,784	9%	61	12%	773	9%	923	9%	11,431	9%
		26-30 hr/wk	49	7%	423	6%	572	6%	6,207	5%	35	7%	492	6%	576	6%	6,666	5%
		30+ hr/wk	40	5%	357	5%	516	5%	5,519	4%	51	11%	575	7%	686	7%	7,782	6%
Total		737	100%	7120	100%	8,948	100%	117,331	100%	491	100%	8060	100%	9,504	100%	120,448	100%	
b. Working for pay on campus	WORKON01	0 hr/wk	654	89%	5670	81%	6,955	80%	88,618	80%	357	74%	5446	69%	6,282	68%	82,469	73%
		1-5 hr/wk	9	1%	234	3%	351	3%	6,173	4%	10	2%	358	4%	448	4%	7,309	4%
		6-10 hr/wk	33	4%	498	6%	750	7%	11,912	7%	45	8%	712	8%	915	9%	12,213	8%
		11-15 hr/wk	26	4%	417	5%	534	5%	6,086	5%	33	6%	626	7%	785	7%	7,865	6%
		16-20 hr/wk	11	1%	207	3%	241	3%	3,096	3%	27	5%	497	6%	586	6%	6,366	6%
		21-25 hr/wk	2	0%	46	1%	56	1%	677	1%	8	1%	177	2%	208	2%	1,720	2%
		26-30 hr/wk	0	0%	15	0%	17	0%	252	0%	3	1%	91	1%	99	1%	781	1%
		30+ hr/wk	2	0%	32	0%	42	0%	534	1%	8	2%	154	2%	182	2%	1,723	2%
Total		737	100%	7119	100%	8,946	100%	117,348	100%	491	100%	8061	100%	9,505	100%	120,446	100%	
c. Working for pay off campus	WORKOF01	0 hr/wk	677	92%	5357	75%	6,943	76%	79,779	62%	340	71%	4022	50%	4,948	51%	51,749	40%
		1-5 hr/wk	15	2%	309	4%	371	4%	5,751	5%	21	4%	439	5%	529	5%	6,418	5%
		6-10 hr/wk	11	1%	286	4%	356	4%	5,590	5%	26	5%	532	6%	628	6%	7,921	6%
		11-15 hr/wk	6	1%	341	5%	377	5%	5,708	5%	27	5%	620	7%	723	7%	8,280	6%
		16-20 hr/wk	15	2%	309	4%	340	4%	6,544	6%	26	5%	749	9%	842	9%	11,259	9%
		21-25 hr/wk	4	0%	231	4%	250	4%	4,841	5%	24	5%	551	7%	619	7%	8,959	8%
		26-30 hr/wk	2	0%	112	2%	119	2%	2,946	3%	15	3%	376	5%	402	4%	6,218	6%
		30+ hr/wk	5	1%	170	3%	186	2%	6,169	8%	12	2%	773	10%	815	10%	19,636	19%
Total		735	100%	7115	100%	8,942	100%	117,328	100%	491	100%	8062	100%	9,506	100%	120,440	100%	
d. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	0 hr/wk	214	29%	2296	35%	2,606	33%	41,343	43%	121	25%	3130	39%	3,480	39%	50,753	47%
		1-5 hr/wk	256	35%	2600	35%	3,266	35%	38,988	30%	180	36%	2711	33%	3,210	33%	36,525	29%
		6-10 hr/wk	129	17%	1112	15%	1,517	16%	16,407	12%	89	18%	1080	13%	1,333	13%	14,261	11%
		11-15 hr/wk	61	8%	534	7%	743	8%	8,999	7%	35	7%	490	6%	635	6%	7,451	5%
		16-20 hr/wk	30	4%	276	4%	389	4%	5,588	4%	29	6%	305	4%	385	4%	5,025	4%
		21-25 hr/wk	15	2%	121	2%	180	2%	2,731	2%	15	3%	133	2%	181	2%	2,568	2%
		26-30 hr/wk	10	1%	77	1%	101	1%	1,190	1%	6	1%	61	1%	82	1%	1,299	1%
		30+ hr/wk	22	3%	102	1%	142	1%	2,085	2%	16	3%	149	2%	197	2%	2,573	2%
Total		737	100%	7118	100%	8,944	100%	117,331	100%	491	100%	8059	100%	9,503	100%	120,455	100%	

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			Count		%		Count		%		Count		%		Count		%		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%			
e.	Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05	0 hr/wk	8	1%	43	1%	55	1%	1,014	1%	2	0%	70	1%	85	1%	1,383	1%
			1-5 hr/wk	116	15%	1318	19%	1,663	19%	26,602	23%	91	18%	1895	23%	2,190	23%	34,693	29%
			6-10 hr/wk	206	27%	2050	28%	2,587	28%	34,610	29%	140	28%	2495	30%	2,931	30%	37,841	31%
			11-15 hr/wk	163	23%	1541	21%	1,944	21%	23,786	20%	125	25%	1679	21%	1,980	21%	22,062	18%
			16-20 hr/wk	127	17%	990	13%	1,257	14%	14,685	13%	62	13%	986	12%	1,184	12%	12,403	10%
			21-25 hr/wk	45	6%	518	8%	626	7%	6,972	6%	36	7%	376	5%	457	5%	5,155	4%
			26-30 hr/wk	23	3%	230	3%	279	3%	3,256	3%	11	2%	208	3%	253	3%	2,444	2%
			30+ hr/wk	49	7%	422	6%	528	6%	6,294	6%	25	6%	341	5%	413	5%	4,330	4%
Total	737	100%	7112	100%	8,939	100%	117,219	100%	492	100%	8050	100%	9,493	100%	120,311	100%			
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01	0 hr/wk	695	95%	6077	84%	7,750	85%	90,171	71%	439	89%	6105	76%	7,297	76%	78,065	62%
			1-5 hr/wk	27	3%	562	9%	645	8%	13,325	13%	21	4%	730	9%	852	9%	13,945	12%
			6-10 hr/wk	5	1%	203	3%	232	3%	4,784	5%	15	3%	387	5%	428	5%	6,997	7%
			11-15 hr/wk	5	1%	103	2%	121	2%	2,573	3%	5	1%	197	2%	227	2%	3,961	4%
			16-20 hr/wk	4	1%	67	1%	73	1%	1,507	2%	5	1%	132	2%	147	2%	3,098	3%
			21-25 hr/wk	0	0%	30	0%	35	0%	705	1%	1	0%	52	1%	64	1%	1,598	1%
			26-30 hr/wk	1	0%	12	0%	12	0%	418	1%	0	0%	48	1%	49	1%	1,267	1%
			30+ hr/wk	0	0%	56	1%	68	1%	3,683	5%	6	1%	394	5%	424	5%	11,347	10%
Total	737	100%	7110	100%	8,936	100%	117,166	100%	492	100%	8045	100%	9,488	100%	120,278	100%			
g.	Commuting to class (driving, walking, etc.)	COMMUTE	0 hr/wk	53	7%	435	7%	793	8%	21,945	14%	11	3%	303	4%	487	4%	12,821	8%
			1-5 hr/wk	568	77%	5057	69%	6,265	69%	74,982	64%	413	83%	5665	69%	6,608	69%	78,463	64%
			6-10 hr/wk	86	12%	1171	17%	1,350	17%	12,950	14%	47	10%	1539	20%	1,752	20%	19,492	19%
			11-15 hr/wk	18	2%	268	4%	313	4%	3,997	4%	12	2%	327	5%	397	5%	5,596	5%
			16-20 hr/wk	5	1%	86	1%	102	1%	1,615	2%	5	1%	117	1%	131	1%	1,837	2%
			21-25 hr/wk	1	0%	45	1%	52	1%	604	1%	1	0%	30	0%	37	0%	642	1%
			26-30 hr/wk	2	0%	26	0%	29	0%	315	0%	1	0%	14	0%	17	0%	345	0%
			30+ hr/wk	4	1%	27	0%	37	0%	803	1%	2	0%	59	1%	68	1%	1,150	1%
Total	737	100%	7115	100%	8,941	100%	117,211	100%	492	100%	8054	100%	9,497	100%	120,346	100%			
10a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	Very little	5	1%	136	2%	161	2%	2,247	2%	7	2%	205	3%	229	3%	2,659	2%
			Some	95	13%	1236	19%	1,403	18%	20,130	19%	69	14%	1646	21%	1,827	21%	21,501	19%
			Quite a bit	379	52%	3350	47%	4,109	47%	54,441	47%	221	45%	3625	45%	4,193	45%	54,853	46%
			Very much	248	34%	2343	32%	3,206	33%	39,481	31%	190	39%	2525	31%	3,188	31%	40,715	32%
Total	727	100%	7065	100%	8,879	100%	116,299	100%	487	100%	8001	100%	9,437	100%	119,728	100%			
b.	Providing the support you need to help you succeed academically	ENVSUPRT	Very little	11	2%	226	3%	266	3%	3,212	3%	18	4%	510	7%	578	7%	5,209	5%
			Some	134	18%	1669	24%	2,011	24%	23,409	23%	110	22%	2551	32%	2,922	32%	28,711	27%
			Quite a bit	357	49%	3241	46%	4,089	46%	52,395	45%	233	49%	3471	43%	4,124	43%	53,048	44%
			Very much	225	31%	1924	27%	2,508	27%	37,232	29%	126	25%	1467	18%	1,811	18%	32,738	24%
Total	727	100%	7060	100%	8,874	100%	116,248	100%	487	100%	7999	100%	9,435	100%	119,706	100%			

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**National Survey
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First-Year Students

Seniors

	Variable	Response Options	Virginia Polytechnic				Selected Peers				Carnegie Peers				NSSE 2006				
			Count		%		Count		%		Count		%		Count		%		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%			
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	Very little	91	13%	913	14%	1,105	14%	15,722	15%	87	18%	1839	23%	2,095	23%	22,912	20%
			Some	257	35%	2353	34%	2,950	34%	38,506	34%	208	43%	3060	38%	3,530	38%	43,449	36%
			Quite a bit	232	32%	2320	32%	2,890	32%	37,126	32%	132	27%	2007	25%	2,410	25%	33,036	27%
			Very much	145	20%	1471	20%	1,926	21%	24,849	20%	60	12%	1090	14%	1,397	15%	20,216	16%
		Total	725	100%	7057	100%	8,871	100%	116,203	100%	487	100%	7996	100%	9,432	100%	119,613	100%	
d.	Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	Very little	175	24%	2181	32%	2,635	32%	29,573	29%	168	36%	3772	48%	4,281	47%	44,018	40%
			Some	315	44%	2991	41%	3,818	42%	47,046	39%	208	41%	2950	37%	3,546	37%	45,487	37%
			Quite a bit	164	22%	1382	19%	1,751	19%	28,091	23%	79	17%	964	12%	1,208	12%	21,162	16%
			Very much	72	10%	497	7%	659	7%	11,429	9%	31	6%	304	4%	391	4%	8,922	7%
		Total	726	100%	7051	100%	8,863	100%	116,139	100%	486	100%	7990	100%	9,426	100%	119,589	100%	
e.	Providing the support you need to thrive socially	ENVSOCAL	Very little	95	13%	1239	18%	1,544	18%	19,335	19%	100	21%	2213	28%	2,539	28%	29,558	27%
			Some	284	39%	2791	40%	3,531	40%	44,048	38%	211	43%	3445	43%	4,054	42%	48,653	40%
			Quite a bit	247	34%	2224	31%	2,789	31%	37,526	31%	137	28%	1831	23%	2,206	23%	30,230	24%
			Very much	101	14%	802	11%	1,007	11%	15,226	12%	39	8%	505	7%	630	7%	11,075	9%
		Total	727	100%	7056	100%	8,871	100%	116,135	100%	487	100%	7994	100%	9,429	100%	119,516	100%	
f.	Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT	Very little	27	4%	495	7%	573	7%	9,537	11%	28	6%	877	11%	959	11%	15,392	15%
			Some	207	29%	1988	28%	2,413	28%	29,322	28%	137	29%	2675	33%	3,072	33%	37,132	33%
			Quite a bit	307	42%	2896	41%	3,628	40%	45,727	37%	211	43%	3030	38%	3,610	38%	42,985	34%
			Very much	186	25%	1682	24%	2,262	25%	31,607	24%	111	22%	1416	18%	1,791	18%	24,108	18%
		Total	727	100%	7061	100%	8,876	100%	116,193	100%	487	100%	7998	100%	9,432	100%	119,617	100%	
g.	Using computers in academic work	ENVCOMPT	Very little	8	1%	108	2%	133	2%	2,427	2%	3	1%	110	1%	121	1%	1,989	2%
			Some	51	7%	780	11%	978	11%	15,090	13%	28	5%	639	8%	745	8%	10,815	9%
			Quite a bit	178	24%	2297	32%	2,840	32%	40,302	35%	99	20%	2226	27%	2,577	27%	34,720	29%
			Very much	490	68%	3876	55%	4,925	55%	58,425	50%	357	74%	5027	63%	5,995	64%	72,163	60%
		Total	727	100%	7061	100%	8,876	100%	116,244	100%	487	100%	8002	100%	9,438	100%	119,687	100%	
11a.	Acquiring a broad general education	GNGENLED	Very little	11	2%	149	2%	182	2%	2,853	3%	14	3%	214	3%	250	3%	2,754	3%
			Some	97	14%	1201	18%	1,435	17%	18,314	17%	65	14%	1247	16%	1,445	16%	15,976	14%
			Quite a bit	329	46%	3226	46%	3,946	45%	51,193	45%	185	38%	3226	40%	3,676	40%	45,332	39%
			Very much	280	39%	2399	34%	3,213	35%	42,714	35%	219	45%	3256	41%	3,999	42%	54,871	44%
		Total	717	100%	6975	100%	8,776	100%	115,074	100%	483	100%	7943	100%	9,370	100%	118,933	100%	
b.	Acquiring job or work-related knowledge and skills	GNWORK	Very little	42	6%	746	11%	928	11%	11,476	11%	25	5%	645	9%	762	9%	7,638	7%
			Some	187	26%	2287	33%	2,837	33%	34,873	31%	84	17%	1854	24%	2,215	24%	24,840	21%
			Quite a bit	283	39%	2399	34%	3,008	34%	41,069	35%	169	35%	2758	34%	3,222	34%	40,617	34%
			Very much	205	29%	1541	22%	2,001	22%	27,594	23%	205	42%	2686	34%	3,171	34%	45,802	37%
		Total	717	100%	6973	100%	8,774	100%	115,012	100%	483	100%	7943	100%	9,370	100%	118,897	100%	

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Seniors

	Variable	Response Options	Virginia Polytechnic				Selected Peers				Carnegie Peers				NSSE 2006				
			Count		%		Count		%		Count		%		Count		%		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%			
c.	GNWRITE	Writing clearly and effectively	Very little	33	5%	450	7%	550	7%	5,537	6%	11	2%	414	6%	488	6%	4,734	5%
		Some	214	30%	1891	27%	2,333	27%	25,895	23%	111	23%	1763	22%	2,062	22%	22,844	20%	
		Quite a bit	298	41%	2796	40%	3,476	39%	47,453	41%	206	43%	3123	39%	3,608	39%	45,748	39%	
		Very much	172	24%	1838	26%	2,418	27%	36,171	30%	155	32%	2642	33%	3,211	33%	45,589	36%	
		Total	717	100%	6975	100%	8,777	100%	115,056	100%	483	100%	7942	100%	9,369	100%	118,915	100%	
d.	GNSPEAK	Speaking clearly and effectively	Very little	65	9%	949	14%	1,162	14%	10,116	10%	26	6%	644	9%	746	9%	6,324	6%
		Some	243	34%	2326	33%	2,956	33%	33,348	29%	133	27%	2260	28%	2,663	28%	27,132	24%	
		Quite a bit	263	37%	2345	33%	2,918	33%	43,367	37%	188	40%	2901	36%	3,374	36%	45,003	38%	
		Very much	146	20%	1354	19%	1,740	19%	28,209	24%	136	28%	2135	27%	2,584	27%	40,453	32%	
		Total	717	100%	6974	100%	8,776	100%	115,040	100%	483	100%	7940	100%	9,367	100%	118,912	100%	
e.	GNANALY	Thinking critically and analytically	Very little	9	1%	175	3%	206	3%	2,673	3%	2	0%	147	2%	168	2%	1,961	2%
		Some	96	13%	1109	16%	1,354	16%	17,866	17%	52	11%	985	12%	1,112	12%	13,148	12%	
		Quite a bit	305	43%	3004	43%	3,697	43%	48,369	42%	180	37%	3036	38%	3,513	37%	43,399	38%	
		Very much	307	43%	2685	38%	3,518	39%	46,145	38%	248	52%	3772	48%	4,574	48%	60,416	49%	
		Total	717	100%	6973	100%	8,775	100%	115,053	100%	482	100%	7940	100%	9,367	100%	118,924	100%	
f.	GNQUANT	Analyzing quantitative problems	Very little	18	2%	424	7%	524	7%	7,603	7%	12	2%	442	6%	524	6%	6,302	5%
		Some	145	20%	1768	26%	2,182	25%	30,770	27%	92	18%	1856	23%	2,164	23%	27,245	23%	
		Quite a bit	298	42%	2753	38%	3,442	38%	45,641	39%	159	33%	2798	34%	3,241	34%	43,198	37%	
		Very much	255	36%	2026	29%	2,623	30%	30,927	26%	220	48%	2837	37%	3,431	37%	42,074	35%	
		Total	716	100%	6971	100%	8,771	100%	114,941	100%	483	100%	7933	100%	9,360	100%	118,819	100%	
g.	GNCMPTS	Using computing and information technology	Very little	21	3%	374	6%	492	6%	7,006	6%	8	2%	272	4%	337	4%	4,383	4%
		Some	112	15%	1451	21%	1,889	21%	26,278	22%	53	10%	1347	17%	1,608	17%	20,515	17%	
		Quite a bit	247	34%	2569	35%	3,186	35%	42,901	37%	139	28%	2751	34%	3,205	34%	41,171	34%	
		Very much	337	48%	2582	37%	3,211	37%	38,858	34%	283	60%	3571	46%	4,218	46%	52,843	45%	
		Total	717	100%	6976	100%	8,778	100%	115,043	100%	483	100%	7941	100%	9,368	100%	118,912	100%	
h.	GNOTHERS	Working effectively with others	Very little	30	4%	452	7%	570	7%	5,890	6%	5	1%	348	5%	402	5%	3,787	4%
		Some	152	22%	1886	28%	2,428	28%	28,090	26%	74	15%	1703	22%	2,002	22%	21,054	19%	
		Quite a bit	276	38%	2694	38%	3,371	38%	45,405	39%	183	38%	2946	37%	3,474	37%	43,453	36%	
		Very much	259	36%	1941	28%	2,406	28%	35,658	30%	221	45%	2942	37%	3,488	37%	50,612	40%	
		Total	717	100%	6973	100%	8,775	100%	115,043	100%	483	100%	7939	100%	9,366	100%	118,906	100%	
i.	GNCITIZN	Voting in local, state, or national elections	Very little	158	23%	2992	44%	3,864	44%	51,194	44%	129	28%	2579	34%	2,997	34%	41,763	36%
		Some	221	31%	2165	31%	2,621	30%	34,834	30%	180	37%	2647	33%	3,074	33%	37,944	32%	
		Quite a bit	193	27%	1163	17%	1,443	17%	18,125	17%	109	22%	1653	20%	1,954	20%	22,697	19%	
		Very much	131	19%	586	8%	769	9%	9,848	9%	61	12%	1024	13%	1,295	13%	15,876	13%	
		Total	703	100%	6906	100%	8,697	100%	114,001	100%	479	100%	7903	100%	9,320	100%	118,280	100%	

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	Variable	Response Options	Virginia Polytechnic				Selected Peers				Carnegie Peers				NSSE 2006			
			Count		%		Count		%		Count		%		Count		%	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
j. Learning effectively on your own	GNINQ	Very little	27	4%	414	7%	512	7%	6,639	7%	16	4%	518	7%	584	7%	6,611	6%
		Some	137	19%	1746	25%	2,168	25%	30,108	26%	85	17%	1680	21%	1,936	21%	23,621	21%
		Quite a bit	325	46%	2975	43%	3,730	43%	49,665	43%	195	41%	3205	40%	3,771	40%	48,266	40%
		Very much	214	31%	1771	26%	2,288	26%	27,640	24%	183	38%	2501	32%	3,032	32%	39,835	33%
		Total	703	100%	6906	100%	8,698	100%	114,052	100%	479	100%	7904	100%	9,323	100%	118,333	100%
k. Understanding yourself	GNSELF	Very little	72	10%	887	13%	1,079	13%	12,752	12%	52	12%	1094	14%	1,237	14%	13,296	13%
		Some	195	28%	2104	30%	2,616	30%	32,036	28%	117	24%	2151	27%	2,478	27%	29,147	25%
		Quite a bit	271	39%	2395	34%	3,031	35%	41,424	35%	166	34%	2613	33%	3,072	33%	39,610	33%
		Very much	165	24%	1521	22%	1,971	22%	27,837	24%	145	30%	2045	26%	2,535	26%	36,261	29%
		Total	703	100%	6907	100%	8,697	100%	114,049	100%	480	100%	7903	100%	9,322	100%	118,314	100%
l. Understanding people of other racial and ethnic backgrounds	GNDIVERS	Very little	111	16%	959	14%	1,134	14%	16,387	15%	73	17%	1330	17%	1,493	17%	18,178	16%
		Some	254	36%	2396	34%	2,976	34%	37,939	33%	173	35%	2714	34%	3,117	33%	38,914	33%
		Quite a bit	215	31%	2233	32%	2,840	32%	36,919	32%	150	32%	2366	30%	2,814	30%	35,849	30%
		Very much	121	17%	1318	19%	1,746	20%	22,766	20%	82	17%	1493	19%	1,896	20%	25,350	21%
		Total	701	100%	6906	100%	8,696	100%	114,011	100%	478	100%	7903	100%	9,320	100%	118,291	100%
m. Solving complex real-world problems	GNPROBSV	Very little	58	8%	798	12%	1,002	12%	13,681	13%	29	6%	923	12%	1,054	12%	12,581	11%
		Some	229	32%	2479	36%	3,083	36%	39,576	35%	122	24%	2355	30%	2,746	30%	35,231	30%
		Quite a bit	266	38%	2455	35%	3,100	35%	40,124	35%	194	41%	2819	35%	3,323	35%	41,774	35%
		Very much	150	22%	1174	17%	1,512	18%	20,648	18%	134	29%	1806	24%	2,197	24%	28,738	24%
		Total	703	100%	6906	100%	8,697	100%	114,029	100%	479	100%	7903	100%	9,320	100%	118,324	100%
n. Developing a personal code of values and ethics	GNETHICS	Very little	86	12%	1230	19%	1,501	18%	16,161	16%	66	14%	1543	20%	1,739	20%	17,330	16%
		Some	235	33%	2261	32%	2,789	32%	34,399	31%	128	27%	2436	30%	2,822	30%	32,588	28%
		Quite a bit	232	33%	2190	31%	2,807	31%	37,547	32%	155	32%	2303	29%	2,731	29%	36,006	29%
		Very much	150	22%	1223	18%	1,598	18%	25,911	21%	130	27%	1621	21%	2,029	21%	32,377	26%
		Total	703	100%	6904	100%	8,695	100%	114,018	100%	479	100%	7903	100%	9,321	100%	118,301	100%
o. Contributing to the welfare of your community	GNCOMMUN	Very little	109	16%	1522	23%	1,797	23%	21,871	22%	84	19%	1863	24%	2,107	23%	22,707	21%
		Some	269	39%	2637	38%	3,249	38%	40,426	36%	161	34%	2843	36%	3,282	36%	39,560	34%
		Quite a bit	228	32%	1936	27%	2,525	28%	33,242	27%	147	30%	2035	26%	2,422	26%	32,557	26%
		Very much	97	14%	809	11%	1,124	12%	18,455	14%	87	18%	1160	15%	1,507	15%	23,458	18%
		Total	703	100%	6904	100%	8,695	100%	113,994	100%	479	100%	7901	100%	9,318	100%	118,282	100%
p. Developing a deepened sense of spirituality	GNSPIRIT	Very little	301	43%	3299	50%	4,071	49%	42,987	41%	242	51%	4699	60%	5,359	60%	53,467	49%
		Some	222	32%	1898	26%	2,386	27%	31,300	27%	118	24%	1735	22%	2,094	22%	29,338	23%
		Quite a bit	99	14%	1054	15%	1,377	15%	21,919	18%	73	16%	855	10%	1,058	11%	17,824	14%
		Very much	79	11%	656	9%	864	9%	17,781	14%	46	9%	614	8%	809	8%	17,621	14%
		Total	701	100%	6907	100%	8,698	100%	113,987	100%	479	100%	7903	100%	9,320	100%	118,250	100%

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**National Survey
of Student Engagement**

**NSSE 2006 Engagement Item Frequency Distributions^a
Virginia Polytechnic Institute and State University**

First-Year Students

Seniors

	Variable	Response Options	Virginia Polytechnic		Selected Peers		Carnegie Peers		NSSE 2006		Virginia Polytechnic		Selected Peers		Carnegie Peers		NSSE 2006	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
12. Overall, how would you evaluate the quality of academic advising you have received at your institution?	ADVISE	Poor	26	4%	493	8%	616	8%	6,475	7%	53	11%	1096	14%	1,282	14%	11,320	11%
		Fair	145	21%	1403	21%	1,796	21%	20,933	20%	100	20%	2032	25%	2,382	25%	24,522	22%
		Good	320	46%	3306	46%	4,120	46%	54,349	47%	197	41%	3074	38%	3,621	38%	48,289	40%
		Excellent	213	30%	1741	25%	2,204	25%	32,629	27%	132	28%	1718	22%	2,060	23%	34,419	26%
	Total	704	100%	6943	100%	8,736	100%	114,386	100%	482	100%	7920	100%	9,345	100%	118,550	100%	
13. How would you evaluate your entire educational experience at this institution?	ENTIREXP	Poor	7	1%	106	2%	129	2%	2,039	2%	4	1%	172	3%	196	3%	2,261	2%
		Fair	48	7%	746	11%	884	11%	12,436	12%	36	8%	1005	13%	1,136	12%	13,175	12%
		Good	326	46%	3755	53%	4,556	52%	58,802	53%	210	42%	4014	49%	4,625	49%	56,619	49%
		Excellent	323	46%	2336	33%	3,167	34%	41,127	33%	232	49%	2728	35%	3,387	36%	46,506	36%
	Total	704	100%	6943	100%	8,736	100%	114,404	100%	482	100%	7919	100%	9,344	100%	118,561	100%	
14. If you could start over again, would you go to the same institution you are now attending?	SAMECOLL	Definitely no	12	2%	215	4%	270	4%	5,062	5%	15	3%	369	5%	443	5%	6,183	6%
		Probably no	75	11%	748	11%	939	11%	14,188	13%	36	7%	980	12%	1,147	12%	15,758	13%
		Probably yes	190	27%	2740	39%	3,378	39%	46,033	41%	152	32%	3041	38%	3,557	38%	45,602	39%
		Definitely yes	425	60%	3240	46%	4,148	46%	49,091	42%	279	58%	3528	45%	4,196	45%	51,000	42%
	Total	702	100%	6943	100%	8,735	100%	114,374	100%	482	100%	7918	100%	9,343	100%	118,543	100%	

IPEDS: 233921

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**National Survey
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Virginia Polytechnic Institute and State University**

First-Year Students

Seniors

	Variable	Response Options	Virginia Polytechnic		Selected Peers		Carnegie Peers		NSSE 2006		Virginia Polytechnic		Selected Peers		Carnegie Peers		NSSE 2006	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
15. Age	AGE	19 or younger	677	96%	6592	93%	8,342	94%	99,887	81%	2	0%	43	1%	54	1%	382	0%
		20-23	26	4%	277	5%	307	5%	8,074	9%	433	89%	5982	74%	7,273	75%	81,207	62%
		24-29	1	0%	53	1%	58	1%	2,735	4%	42	10%	1169	16%	1,233	15%	17,710	18%
		30-39	1	0%	22	1%	24	1%	2,143	3%	4	1%	453	6%	484	6%	9,930	10%
		40-55	0	0%	16	0%	22	0%	1,558	2%	1	0%	248	3%	275	3%	8,532	8%
		Over 55	0	0%	2	0%	2	0%	123	0%	0	0%	25	0%	26	0%	654	1%
		Total	705	100%	6962	100%	8,755	100%	114,520	100%	482	100%	7920	100%	9,345	100%	118,415	100%
16. Sex	SEX	Male	346	57%	2766	47%	3,515	47%	40,175	44%	221	58%	3250	48%	3,772	48%	41,659	42%
		Female	359	43%	4201	53%	5,246	53%	74,434	56%	261	42%	4683	52%	5,588	52%	76,960	58%
		Total	705	100%	6967	100%	8,761	100%	114,609	100%	482	100%	7933	100%	9,360	100%	118,619	100%
17. Are you an international student or foreign national?	INTERNAT	No	688	97%	6657	95%	8,321	95%	108,731	94%	458	95%	7540	95%	8,845	95%	113,146	95%
		Yes	17	3%	294	5%	422	5%	5,684	6%	24	5%	382	5%	503	5%	5,398	5%
		Total	705	100%	6951	100%	8,743	100%	114,415	100%	482	100%	7922	100%	9,348	100%	118,544	100%
18. Racial or ethnic identification	RACE05	American Indian or other Native American	3	0%	42	1%	45	1%	825	1%	0	0%	44	1%	46	1%	784	1%
		Asian, Asian American, or Pacific Islander	40	6%	492	8%	680	8%	5,731	6%	44	10%	556	8%	695	8%	5,135	5%
		American	24	3%	392	5%	496	6%	6,676	8%	18	3%	325	4%	426	4%	6,916	6%
		White (non-Hispanic)	545	77%	5084	71%	6,238	70%	84,528	69%	364	75%	5792	72%	6,614	71%	87,816	70%
		Mexican or Mexican American	4	1%	199	4%	218	3%	2,437	4%	1	0%	228	4%	245	4%	2,564	3%
		Puerto Rican	3	0%	24	0%	37	0%	861	1%	0	0%	16	0%	25	0%	751	1%
		Other Hispanic or Latino	8	1%	102	2%	204	2%	2,387	3%	6	1%	98	1%	245	2%	2,398	3%
		Multiracial	16	2%	171	3%	214	3%	2,513	2%	8	2%	195	2%	245	2%	2,328	2%
		Other	6	1%	81	1%	122	2%	1,693	2%	10	2%	128	2%	174	2%	1,780	2%
		I prefer not to respond	56	8%	365	6%	489	6%	6,774	6%	29	6%	545	7%	635	7%	8,029	7%
Total	705	100%	6952	100%	8,743	100%	114,425	100%	480	100%	7927	100%	9,350	100%	118,501	100%		
19. What is your current classification in college?	CLASS	Freshman/First year	593	84%	6037	85%	7,722	86%	97,970	80%	0	0%	5	0%	5	0%	102	0%
		Soph./Second Year	109	16%	834	13%	934	12%	13,201	16%	0	0%	35	1%	37	1%	365	0%
		Junior/Third Year	3	0%	59	1%	66	1%	1,791	2%	16	3%	342	5%	405	5%	4,845	5%
		Senior/Fourth Year	0	0%	10	0%	10	0%	493	1%	450	94%	7322	91%	8,673	91%	110,205	92%
		Unclassified	0	0%	15	0%	16	0%	1,003	1%	11	2%	215	3%	225	3%	2,899	3%
		Total	705	100%	6955	100%	8,748	100%	114,458	100%	477	100%	7919	100%	9,345	100%	118,416	100%
20. Did you begin college at your current institution or elsewhere?	ENTER	Started here	688	98%	6564	94%	8,327	94%	104,218	89%	413	85%	5146	64%	6,299	65%	71,927	56%
		Started elsewhere	17	2%	389	6%	419	6%	10,229	11%	68	15%	2783	36%	3,055	35%	46,666	44%
		Total	705	100%	6953	100%	8,746	100%	114,447	100%	481	100%	7929	100%	9,354	100%	118,593	100%

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National Survey of Student Engagement

NSSE 2006 Background Item Frequency Distributions^a Virginia Polytechnic Institute and State University

First-Year Students

Seniors

	Variable	Response Options	Virginia Polytechnic		Selected Peers		Carnegie Peers		NSSE 2006		Virginia Polytechnic		Selected Peers		Carnegie Peers		NSSE 2006	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. Since graduating from high school, which of the following types of schools have you attended other than the one you are attending now? (Mark all that apply.)	VOTECH05	Vocational or technical school	4	0%	104	2%	112	1%	3,871	4%	6	1%	300	4%	321	3%	8,420	7%
	COMCOL05	Community or junior college	39	4%	516	7%	561	6%	9,056	8%	112	20%	2,552	32%	2,754	31%	39,371	35%
	FOURYR05	4-year college other than this one	21	3%	351	5%	406	4%	8,203	7%	60	10%	1,996	22%	2,275	21%	30,010	25%
	NONE05	None	635	75%	5,979	73%	7,636	73%	94,111	68%	316	56%	3,914	43%	4,880	44%	56,652	39%
	OCOL1_05	Other	12	2%	129	2%	161	2%	3,195	3%	18	3%	284	3%	330	3%	5,040	4%
22. Thinking about this current academic term, how would you characterize your enrollment?	ENRLMENT	Less than full-time	7	1%	157	3%	176	3%	4,556	7%	15	3%	898	13%	1,018	12%	15,710	17%
		Full-time	697	99%	6,798	97%	8,571	97%	109,848	93%	466	97%	7,024	87%	8,330	88%	102,752	83%
	Total	704	100%	6,955	100%	8,747	100%	114,404	100%	481	100%	7,922	100%	9,348	100%	118,462	100%	
23. Are you member of a fraternity or sorority?	FRATSORO	No	603	86%	5,967	87%	7,421	86%	103,381	91%	406	84%	6,868	87%	8,016	87%	103,827	89%
		Yes	102	14%	983	13%	1,320	14%	10,965	9%	75	16%	1,053	13%	1,330	13%	14,665	11%
	Total	705	100%	6,950	100%	8,741	100%	114,346	100%	481	100%	7,921	100%	9,346	100%	118,492	100%	
24. Are you a student-athlete on a team sponsored by your institution's athletics department?	ATHLETE	No	670	95%	6,672	96%	8,271	96%	100,412	91%	466	97%	7,729	97%	9,054	97%	110,192	95%
		Yes	35	5%	277	4%	469	4%	13,897	9%	15	3%	191	3%	291	3%	8,261	5%
	Total	705	100%	6,949	100%	8,740	100%	114,309	100%	481	100%	7,920	100%	9,345	100%	118,453	100%	
25. What have most of your grades been up to now at this institution?	GRADES04	C- or lower	15	2%	165	2%	176	2%	2,120	2%	2	0%	28	0%	29	0%	276	0%
		C	46	7%	336	5%	365	4%	4,830	5%	14	3%	167	2%	185	2%	2,264	2%
		C+	52	7%	439	6%	489	6%	6,591	6%	25	5%	345	4%	375	4%	4,644	4%
		B-	81	12%	598	9%	685	8%	10,050	9%	55	12%	702	9%	775	9%	8,743	8%
		B	165	23%	1,458	21%	1,742	21%	24,283	21%	132	29%	1,643	21%	1,881	20%	23,624	21%
		B+	137	19%	1,279	18%	1,650	18%	22,399	19%	103	20%	1,641	20%	1,973	20%	24,953	20%
		A-	106	15%	1,241	18%	1,726	18%	20,517	17%	64	13%	1,617	20%	2,012	20%	23,784	19%
		A	102	14%	1,412	22%	1,884	22%	22,969	21%	86	17%	1,757	23%	2,094	23%	29,429	25%
Total	704	100%	6,928	100%	8,717	100%	113,759	100%	481	100%	7,900	100%	9,324	100%	117,717	100%		
26. Which of the following best describes where you are living now while attending college?	LIVENOW	Dormitory or campus housing	642	91%	5,249	72%	6,859	74%	80,570	59%	50	10%	486	6%	909	7%	21,217	12%
		Residence, walking distance	20	3%	414	7%	453	6%	6,534	7%	164	35%	3,072	39%	3,545	38%	28,732	24%
		Residence, driving distance	38	5%	1,109	19%	1,250	18%	26,276	33%	253	52%	4,123	52%	4,577	52%	65,864	62%
		house	5	1%	167	2%	168	2%	697	1%	14	3%	229	3%	300	3%	2,140	2%
		Total	705	100%	6,939	100%	8,730	100%	114,077	100%	481	100%	7,910	100%	9,331	100%	117,953	100%

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Seniors

	Variable	Response Options	Virginia Polytechnic		Selected Peers		Carnegie Peers		NSSE 2006		Virginia Polytechnic		Selected Peers		Carnegie Peers		NSSE 2006	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
27a. Father's educational attainment	FATHREDU	Did not finish HS	14	2%	272	4%	312	4%	7,110	8%	20	4%	448	6%	515	6%	9,943	10%
		Graduated from HS	106	15%	1261	19%	1,440	18%	27,602	25%	57	12%	1366	17%	1,531	17%	28,061	24%
		Attended, no degree	69	9%	865	13%	1,013	12%	15,880	15%	54	12%	1034	13%	1,161	13%	16,675	14%
		Completed Associate's	37	5%	445	6%	513	6%	9,289	8%	27	6%	535	7%	610	7%	9,570	8%
		Completed Bachelor's	248	36%	2051	30%	2,571	30%	28,783	24%	160	33%	2289	29%	2,669	29%	28,966	24%
		Completed Master's	177	26%	1277	19%	1,701	19%	16,348	13%	114	23%	1370	18%	1,674	18%	16,043	13%
		Completed Doctorate	47	7%	721	10%	1,123	11%	8,086	6%	48	10%	833	11%	1,129	11%	8,305	7%
Total			698	100%	6892	100%	8,673	100%	113,098	100%	480	100%	7875	100%	9,289	100%	117,563	100%
27b. Mother's educational attainment	MOTHREDU	Did not finish HS	12	2%	219	3%	257	3%	5,303	7%	15	3%	333	4%	387	4%	7,907	8%
		Graduated from HS	94	13%	1148	17%	1,317	17%	24,930	23%	67	15%	1535	20%	1,712	19%	29,670	25%
		Attended, no degree	99	14%	998	15%	1,181	15%	18,096	17%	57	13%	1177	16%	1,336	15%	18,226	16%
		Completed Associate's	75	11%	770	11%	882	11%	14,149	12%	65	13%	855	11%	979	11%	14,654	12%
		Completed Bachelor's	266	39%	2320	33%	2,988	33%	31,988	26%	177	36%	2365	29%	2,849	29%	28,957	24%
		Completed Master's	127	18%	1193	17%	1,631	17%	16,086	13%	86	17%	1351	17%	1,660	17%	16,041	13%
		Completed Doctorate	25	3%	259	4%	439	4%	2,964	2%	14	3%	275	4%	389	4%	2,478	2%
Total			698	100%	6907	100%	8,695	100%	113,516	100%	481	100%	7891	100%	9,312	100%	117,933	100%
28. Primary major or expected primary major, in collapsed categories	MAJRPCOL	Arts and humanities	38	5%	1022	14%	1,269	14%	17,548	14%	29	6%	1193	15%	1,419	15%	19,238	16%
		Biological science	53	7%	569	8%	824	9%	9,105	7%	34	6%	698	9%	873	9%	7,881	6%
		Business	117	17%	1007	15%	1,249	15%	16,110	16%	69	14%	1107	14%	1,292	14%	19,667	17%
		Education	2	0%	331	5%	344	4%	10,588	9%	5	1%	463	6%	482	5%	12,407	10%
		Engineering	182	29%	802	12%	984	12%	6,424	7%	143	34%	955	13%	1,109	13%	6,672	7%
		Physical science	35	5%	218	3%	321	3%	3,977	3%	18	4%	267	4%	323	4%	4,029	3%
		Professional	37	5%	735	11%	845	10%	12,432	12%	26	5%	687	8%	829	9%	10,347	9%
		Social science	73	10%	828	12%	1,240	13%	14,823	12%	47	10%	1251	16%	1,596	16%	18,100	15%
		Other	132	19%	910	13%	1,008	12%	14,732	15%	101	20%	1195	16%	1,305	15%	18,765	17%
		Undecided	14	2%	378	6%	474	6%	6,221	5%	0	0%	2	0%	2	0%	50	0%
Total			683	100%	6800	100%	8,558	100%	111,960	100%	472	100%	7818	100%	9,230	100%	117,156	100%
29. Second major or expected second major (not minor, concentration, etc.) if applicable, in collapsed categories	MAJRSCOL	Arts and humanities	39	21%	675	29%	879	29%	10,063	25%	23	18%	587	27%	745	27%	7,644	24%
		Biological science	6	3%	101	4%	146	5%	1,493	4%	11	8%	133	6%	171	6%	1,198	4%
		Business	23	13%	311	15%	423	15%	4,854	15%	26	20%	362	16%	454	16%	4,930	18%
		Education	7	3%	105	4%	115	4%	2,998	7%	4	3%	107	4%	115	4%	3,152	9%
		Engineering	16	10%	73	3%	87	3%	706	3%	5	5%	52	2%	68	2%	462	2%
		Physical science	17	9%	106	5%	156	5%	2,071	6%	14	13%	143	7%	164	7%	1,681	6%
		Professional	9	5%	226	10%	284	10%	2,724	9%	3	2%	97	4%	125	4%	1,477	5%
		Social science	37	19%	385	16%	603	17%	6,110	15%	21	17%	516	22%	710	23%	5,619	18%
		Other	28	15%	247	11%	277	10%	4,164	13%	19	16%	240	11%	262	10%	3,727	13%
		Undecided	2	1%	41	2%	53	2%	994	3%	0	0%	16	1%	18	1%	372	2%
Total			184	100%	2270	100%	3,023	100%	36,177	100%	126	100%	2253	100%	2,832	100%	30,262	100%

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	Variable	Response Options	Virginia Polytechnic		Selected Peers		Carnegie Peers		NSSE 2006		Virginia Polytechnic		Selected Peers		Carnegie Peers		NSSE 2006	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Institution reported gender	GENDER	Male	413	57%	3236	48%	4,095	48%	46,497	45%	273	60%	3641	48%	4,225	48%	45,755	43%
		Female	436	43%	4827	52%	5,982	52%	83,910	55%	291	40%	5127	52%	6,103	52%	82,408	57%
		Total	849	100%	8063	100%	10,077	100%	130,407	100%	564	100%	8768	100%	10,328	100%	128,163	100%
Institution reported race or ethnicity	ETHNICIT	African American/Black	29	3%	519	7%	608	7%	8,394	9%	19	3%	432	5%	529	5%	7,974	8%
		Am. Indian/Native Amer.	3	0%	52	1%	56	1%	720	1%	1	0%	57	1%	59	1%	698	1%
		Asian/Pacific Islander	50	6%	466	7%	615	7%	5,386	5%	47	9%	475	7%	574	7%	4,709	5%
		Caucasian/White	636	75%	5474	73%	6,306	72%	86,533	69%	443	78%	5944	74%	6,591	74%	87,402	72%
		Hispanic/Latino	21	2%	410	6%	523	7%	6,320	7%	11	2%	420	7%	588	7%	6,093	7%
		Other	94	11%	4	0%	25	0%	1,197	1%	29	5%	7	0%	20	0%	1,182	1%
		Multi-racial	16	2%	139	2%	174	2%	2,155	2%	14	3%	201	3%	254	3%	2,152	2%
		Foreign	0	0%	0	0%	0	0%	384	0%	0	0%	0	0%	0	0%	245	0%
		Unknown	0	0%	278	4%	412	4%	5,889	5%	0	0%	316	4%	345	4%	5,139	4%
Total	849	100%	7342	100%	8,719	100%	116,978	100%	564	100%	7852	100%	8,960	100%	115,594	100%		
Institution reported enrollment	ENROLLMT	Part-time	2	0%	208	4%	226	4%	6,102	9%	16	3%	1114	15%	1,199	15%	18,140	20%
		Full-time	847	100%	7855	96%	9,851	96%	124,305	91%	548	97%	7654	85%	9,129	85%	110,023	80%
		Total	849	100%	8063	100%	10,077	100%	130,407	100%	564	100%	8768	100%	10,328	100%	128,163	100%
Mode of completion	MODECOMP	Paper	0	0%	178	5%	178	5%	5,454	10%	0	0%	314	5%	314	5%	8,362	12%
		Web	849	100%	7885	95%	9,899	95%	124,953	90%	564	100%	8454	95%	10,014	95%	119,801	88%
		Total	849	100%	8063	100%	10,077	100%	130,407	100%	564	100%	8768	100%	10,328	100%	128,163	100%
Are you taking all courses entirely online? (item asked with the online version only)	DISTED	No	688	98%	6735	99%	8,520	99%	107,715	98%	472	98%	7514	99%	8,938	99%	107,575	98%
		Yes	17	2%	41	1%	47	1%	1,262	2%	9	2%	96	1%	98	1%	2,606	2%
		Total	705	100%	6776	100%	8,567	100%	108,977	100%	481	100%	7610	100%	9,036	100%	110,181	100%

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^a Column percentages (%) are weighted by gender, enrollment status, and institutional size. Because the counts are not weighted, you cannot calculate the column % directly from the counts.