



NC A&T	NC A&T compared with:										
	HBCU			Master's			NSSE 2003				

Variable Class

Mean

HBCU Mean

Sig^a

Effect Size^b

Master's Mean

Sig^a

Effect Size^b

NSSE 2003 Mean

Sig^a

Effect Size^b

*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*

1. Academic and Intellectual Experiences

a.	Asked questions in class or contributed to class discussions	CLQUEST	FY	2.78	2.91	*	-.16	2.81		2.84			
				SR	3.27	3.20		3.13		3.12			
b.	Made a class presentation	CLPRESEN	FY	2.45	2.63	**	-.22	2.27	**	.22	2.24	***	.26
				SR	3.18	3.07		2.90	***	.34	2.84	***	.41
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP	FY	2.75	2.82			2.74			2.70		
				SR	2.68	2.83		2.56		2.51			
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	FY	3.09	3.13			3.05			3.06		
				SR	3.46	3.36		3.34		3.34			
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS	FY	2.83	2.75			2.71			2.73		
				SR	2.77	2.91		2.76		2.75			
f.	Come to class without completing readings or assignments	CLUNPREP	FY	2.01	1.94			1.98			2.01		
				SR	2.14	2.03		2.03		2.07			
g.	Worked with other students on projects during class	CLASSGRP	FY	2.50	2.45			2.39	*	.14	2.34	**	.20
				SR	2.78	2.73		2.55	**	.27	2.46	***	.37
h.	Worked with classmates outside of class to prepare class assignments	OCCGRP	FY	2.85	2.54	***	.36	2.32	***	.64	2.40	***	.54
				SR	3.27	2.92	***	.41	2.71	***	.64	2.73	***
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS	FY	2.47	2.54			2.45			2.49		
				SR	3.12	2.87	**	.30	2.82	***	.37	2.85	***
j.	Tutored or taught other students (paid or voluntary)	TUTOR	FY	2.03	1.95			1.63	***	.49	1.68	***	.42
				SR	2.32	2.11	*	.21	1.81	***	.55	1.87	***
k.	Participated in a community-based project as part of a regular course	COMMPROJ	FY	1.37	1.67	***	-.33	1.47	*	-.14	1.46		
				SR	1.86	1.98		1.64	**	.26	1.63	**	.29

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

^b Effect size = mean difference divided by comparison group standard deviation.



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Variable	Class	Mean	HBCU Mean	Sig ^a	Effect Size ^b	Master's Mean	Sig ^a	Effect Size ^b	NSSE 2003 Mean	Sig ^a	Effect Size ^b
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*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*

1. Academic and Intellectual Experiences (continued)

l.	Used an electronic medium (list-serv, chat group, Internet, etc.) to discuss or complete an assignment	ITACADEM	FY	2.69		2.79		2.61	2.65			
			SR	3.02		3.07	*	.19	2.81	*	.20	
m.	Used e-mail to communicate with an instructor	EMAIL	FY	2.82	**	.21	2.87		2.96	*	-.15	
			SR	3.18	***	.37	3.09		3.18			
n.	Discussed grades or assignments with an instructor	FACGRADE	FY	2.75	*	-.17	2.59	**	.20	2.62	*	.16
			SR	3.20			2.82	***	.45	2.83	***	.42
o.	Talked about career plans with a faculty member or advisor	FACPLANS	FY	2.28			2.14	*	.16	2.15	*	.15
			SR	2.78			2.44	***	.36	2.48	***	.32
p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	FY	1.74	***	-.30	1.76		1.81			
			SR	2.37			2.06	***	.37	2.10	***	.31
q.	Received prompt feedback from faculty on your academic performance (written or oral)	FACFEED	FY	2.40	*	-.17	2.58	**	-.23	2.63	***	-.28
			SR	2.78			2.82			2.83		
r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	FY	2.73			2.61	*	.15	2.61	*	.14
			SR	3.03			2.72	***	.37	2.71	***	.38
s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	FY	1.66			1.53	*	.16	1.56		
			SR	2.24			1.79	***	.49	1.84	***	.42
t.	Discussed ideas from your readings or classes with others outside of class (students, family members, coworkers, etc.)	OOCIDEAS	FY	2.69			2.71		2.77			
			SR	3.01			2.84	*	.20	2.88		
u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	FY	2.21			2.54	***	-.32	2.61	***	-.39
			SR	2.53			2.54			2.60		
v.	Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFFSTU2	FY	2.64			2.67		2.77			
			SR	2.66			2.61		2.69			

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

^b Effect size = mean difference divided by comparison group standard deviation.



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Variable	Class	Mean	HBCU Mean	Sig ^a	Effect Size ^b	Master's Mean	Sig ^a	Effect Size ^b	NSSE 2003 Mean	Sig ^a	Effect Size ^b

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

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					2.93		
			SR	3.03			2.97	**	.28	2.72	***
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	FY	2.99					3.15	**	-.21
			SR	3.38			3.09			3.28	
c.	Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships	SYNTHESZ	FY	2.85					2.88		
			SR	3.17			2.82			3.07	
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 conclusions	EVALUATE	FY	2.96					2.83	*	.15
			SR	3.28			2.80	*	.18	2.95	***
e.	Applying theories or concepts to practical problems or in new situations	APPLYING	FY	3.08					3.01		
			SR	3.52			3.04	***	.35	3.18	***

3. Examinations

1=very little to 7=very much

	To what extent have your examinations during the current school year challenged you to do your best work?	EXAMS	FY	5.35					5.54	*	-.17
			SR	5.57			5.49			5.45	

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

4. Reading and Writing

a.	Number of assigned textbooks, books, or book-length packs of course readings	READASGN	FY	3.14					3.49	***	-.36
			SR	3.12			3.42	***	-.28	3.34	*
b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	FY	1.97	**	-.22			2.01		
			SR	2.19	*	-.22	2.00			2.21	
c.	Number of written papers or reports of 20 pages or more	WRITEMOR	FY	1.22	***	-.27			1.24		
			SR	1.57	***	-.32	1.26			1.66	

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

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National Survey of Student Engagement

The College Student Report

NSSE 2003 Means Comparison Report North Carolina Agricultural and Technical State University

		NC A&T		NC A&T compared with:								
				HBCU			Master's			NSSE 2003		
Variable	Class	Mean	Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b
4. Reading and Writing (continued) <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>												
d.	Number of written papers or reports between 5 and 19 pages	WRITEMID	FY 2.26	2.38			2.41	*	-.16	2.44	**	-.20
			SR 2.45	2.64			2.63	*	-.19	2.66	*	-.21
e.	Number of written papers or reports of fewer than 5 pages	WRITESML	FY 2.80	3.13	***	-.29	3.31	***	-.47	3.31	***	-.47
			SR 2.85	2.79			3.09	*	-.20	3.11	*	-.22
5. 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 <i>problem sets</i> that take you more than an hour to complete	PROBSETA	FY 2.68	2.83			2.50	*	.17	2.52	*	.15
			SR 2.92	2.65	*	.23	2.38	***	.47	2.35	***	.48
b.	Number of <i>problem sets</i> that take you less than an hour to complete	PROBSETB	FY 2.71	2.85			2.68			2.58		
			SR 2.21	2.46	*	-.21	2.27			2.18		
6. Homework Problems <i>1=none, 2=1-3, 3=4-6, 4=7-10, 5=more than 10</i>												
	In a <i>typical week</i> , how many homework problems take you more than 15 minutes each to complete?	HWPBOS	FY 2.74	2.80			2.67			2.68		
			SR 2.88	2.75			2.61	*	.22	2.61	*	.22
7. Enriching Educational Experiences <i>Which of the following have you done or do you plan to do before you graduate from your institution? (These items were recoded 0=no or undecided, 1=yes. Thus, the mean is the proportion responding "yes" among all valid respondents.)</i>												
a.	Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN	FY .93	.86	**	.20	.80	***	.34	.81	***	.31
			SR .78	.75			.72			.72		
b.	Community service or volunteer work	VOLUNTER	FY .86	.84			.74	***	.27	.75	***	.24
			SR .80	.79			.63	***	.34	.66	**	.29
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	LEARNCOM	FY .55	.52			.35	***	.42	.34	***	.45
			SR .49	.47			.27	***	.49	.27	***	.51
d.	Work on a research project with a faculty member outside of course or program requirements	RESEARCH	FY .40	.41			.26	***	.31	.29	**	.24
			SR .41	.37			.23	***	.41	.27	**	.30
e.	Foreign language coursework	FORLANG	FY .50	.57			.43			.48		
			SR .52	.48			.35	***	.36	.41	*	.23
f.	Study abroad	STUDYABR	FY .39	.40			.33			.38		
			SR .10	.17	*	-.20	.14			.18	*	-.22

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

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Variable	Class		Mean	HBCU Mean	Sig ^a	Effect Size ^b	Master's Mean	Sig ^a	Effect Size ^b	NSSE 2003 Mean	Sig ^a	Effect Size ^b
<p>7. Enriching Educational Experiences (continued)</p> <p><i>Which of the following have you done or do you plan to do before you graduate from your institution? (These items were recoded 0=no or undecided, 1=yes. Thus, the mean is the proportion responding "yes" among all valid respondents.)</i></p>												
g.	Independent study or self-designed major	INDSTUDY	FY	.29			.17	***	.32	.18	***	.28
			SR	.33			.26			.29		
h.	Culminating senior experience (comprehensive exam, capstone course, thesis, project, etc.)	SENIORX	FY	.54			.39	***	.29	.43	**	.21
			SR	.61			.55			.59		
<p>8. Quality of Relationships</p> <p><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></p>												
a.	Relationships with other students	ENVSTU	FY	5.68	5.64		5.70			5.74		
			SR	6.07	5.80	*	5.81	*	.21	5.80	*	.22
<p><i>1=unavailable, unhelpful, unsympathetic to 7=available, helpful, sympathetic</i></p>												
b.	Relationships with faculty members	ENVFAC	FY	5.11	5.31	*	5.54	***	-.36	5.56	***	-.38
			SR	5.37	5.53		5.73	**	-.29	5.72	**	-.28
<p><i>1=unhelpful, inconsiderate, rigid to 7=helpful, considerate, flexible</i></p>												
c.	Relationships with administrative personnel and offices	ENVADM	FY	4.55	4.67		5.09	***	-.37	5.09	***	-.37
			SR	4.65	4.61		4.84			4.81		
<p>9. Time Usage</p> <p><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></p>												
a.	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other activities related to your academic program)	ACADPR01	FY	3.26	3.70	***	3.91	***	-.40	4.11	***	-.50
			SR	3.83	3.70		3.94			4.13		
b.	Working for pay on campus	WORKON01	FY	1.35	1.67	**	1.55	*	-.17	1.60	**	-.21
			SR	1.88	1.92		1.73			1.89		
c.	Working for pay off campus	WORKOF01	FY	1.70	2.40	***	2.60	***	-.39	2.20	**	-.24
			SR	3.42	4.08	*	4.09	*	-.24	3.56		
d.	Participating in co-curricular activities (organizations, campus publications, student government, social fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	FY	2.02	2.10		2.13			2.28	*	-.17
			SR	2.26	2.28		2.01			2.17		
e.	Relaxing and socializing (watching TV, partying, exercising, etc.)	SOCIAL01	FY	4.05	3.63	**	3.86			3.86		
			SR	3.43	3.41		3.49			3.57		

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

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				HBCU			Master's			NSSE 2003			
Variable	Class	Mean	Mean	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	Mean	Sig ^a	Effect Size ^b	
<p>9. Time Usage (continued)</p> <p>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</p>													
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CARED01	FY SR	1.30 1.91	2.07 3.22	*** ***	-0.38 -0.48	1.73 2.56	*** **	-0.25 -0.26	1.54 2.24	* .	-0.16 .
g.	Commuting to class (driving, walking, etc.)	COMMUTE	FY SR	2.79 2.56	2.80 3.13	 **	 -0.31	2.20 2.37	*** .	.57 .	2.13 2.29	*** **	.67 .27
<p>10. Institutional Environment</p> <p>To what extent does your institution emphasize each of the following? 1=very little, 2=some, 3=quite a bit, 4=very much</p>													
a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	FY SR	3.13 3.33	3.32 3.29	 **	-0.24 .	3.12 3.11	 **	.29 .	3.18 3.15	* .	.23 .
b.	Providing the support you need to help you succeed academically	ENVSUPRT	FY SR	3.06 2.92	3.11 2.99	 .	. .	3.05 2.93	 .	. .	3.09 2.95	 .	. .
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	FY SR	2.44 2.24	2.58 2.54	 **	. -0.29	2.56 2.38	 .	. .	2.59 2.39	* .	-0.15 .
d.	Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	FY SR	2.17 1.86	2.28 2.11	 *	. -0.24	2.09 1.88	 .	. .	2.11 1.90	 .	. .
e.	Providing the support you need to thrive socially	ENVSOCAL	FY SR	2.48 2.20	2.43 2.33	 .	. .	2.31 2.07	* .	.19 .	2.34 2.09	* .	.15 .
f.	Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT	FY SR	3.02 2.80	2.99 2.75	 .	. .	2.73 2.48	*** ***	.31 .35	2.82 2.57	** **	.21 .25
g.	Using computers in academic work	ENVCOMPT	FY SR	3.47 3.64	3.34 3.38	* ***	.15 .33	3.29 3.41	** ***	.23 .32	3.34 3.44	* **	.16 .28
<p>11. Educational and Personal Growth</p> <p>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</p>													
a.	Acquiring a broad general education	GNGENLED	FY SR	3.04 3.29	3.04 3.19	 .	. .	3.14 3.28	 .	. .	3.18 3.30	* .	-0.18 .
b.	Acquiring job or work-related knowledge and skills	GNWORK	FY SR	2.64 3.22	2.78 3.05	 *	. .19	2.66 3.04	 *	. .21	2.68 3.00	** .	.24 .
c.	Writing clearly and effectively	GNWRITE	FY SR	3.06 3.11	3.12 3.14	 .	. .	2.98 3.08	 .	. .	2.98 3.09	 .	. .
d.	Speaking clearly and effectively	GNSPEAK	FY SR	2.87 3.10	3.08 3.16	 **	. -0.24	2.77 3.00	 .	. .	2.72 2.99	* .	.17 .

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

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