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# NSSE 2016

## Frequencies and Statistical Comparisons

North Carolina Agricultural & Technical State University

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# NSSE 2016 Frequencies and Statistical Comparisons

## About This Report

The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website ([nsse.indiana.edu](http://nsse.indiana.edu)) or contact a member of the NSSE team.

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

**Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: [nsse.indiana.edu/html/weighting.cfm](http://nsse.indiana.edu/html/weighting.cfm)

- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are items 11 a-f which are compared using a  $z$ -test.

**NSSE 2016 Frequencies and Statistical Comparisons**  
NSSEville State University

Seniors ← 1

Item wording or description	Variable name <sup>a</sup>	Values <sup>b</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State	GLC Peers		Carnegie Peers		NSSE 2015 & 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size*	Mean	Effect size*	Mean	Effect size*	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1 2 3 4	Never Sometimes Often Very often	3 122 212 280	0 33 33 46	244 4,397 5,947 5,440	2 27 37 34	54 845 1,086 889	2 29 38 31	6,952 75,222 81,724 66,983	3 33 35 29	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 2 3 4	Never Sometimes Often Very often	82 267 164 113	13 42 26 19	2,369 5,959 4,548 6,111	14 37 29 21	401 978 18 6	14 34 1 21	35,490 79,495 57,348 47,208	16 34 29 21	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information	QRevaluate	1 2 3 4	Never Sometimes Often Very often	25 56 384 150	4 9 63 24	778 1,666 9,147 4,267	5 11 57 27	134 262 1,586 851	5 10 57 29	12,543 28,134 128,802 58,873	6 13 56 26	3.1	3.1	.02	3.1	-.04	3.0	.06	
			Total	630 16,028 2,874 230,881	100 100 100 100														

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent  $t$ -tests use Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . Cohen's  $d$  is calculated by dividing the mean difference by the pooled standard deviation. Cohen's  $h$  is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

8. **Key to symbols:**

- ▲ Your students' average was significantly higher ( $p < .05$ ) with an effect size at least .3 in magnitude.
- △ Your students' average was significantly higher ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▽ Your students' average was significantly lower ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▼ Your students' average was significantly lower ( $p < .05$ ) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your first-year students compared with							
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	9	4	229	5	107	3	416	4	<b>2.9</b>	2.7 *	.17	2.9	.00	2.8 *	.15	
		2	Sometimes	68	32	2,089	38	1,187	34	4,144	39								
		3	Often	72	35	1,907	36	1,223	35	3,613	35								
		4	Very often	61	29	1,160	22	954	28	2,335	23								
		Total		210	100	5,385	100	3,471	100	10,508	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	32	14	970	18	504	15	1,792	18	<b>2.6</b>	2.5	.13	2.6	.01	2.5	.10	
		2	Sometimes	69	33	1,823	34	1,123	32	3,485	34								
		3	Often	64	31	1,615	31	1,064	31	3,113	30								
		4	Very often	45	21	919	17	755	21	2,013	19								
		Total		210	100	5,327	100	3,446	100	10,403	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	8	4	318	6	169	5	627	6	<b>3.1</b>	3.0 **	.19	3.0	.13	3.0 **	.20	
		2	Often	15	8	751	14	377	12	1,446	14								
		3	Sometimes	125	60	2,940	56	1,984	58	5,858	57								
		4	Never	60	28	1,296	24	892	25	2,421	23								
		Total		208	100	5,305	100	3,422	100	10,352	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	69	34	2,096	39	1,127	33	3,703	36	<b>2.0</b>	1.9	.14	2.0	.00	2.0	.06	
		2	Sometimes	79	38	2,047	39	1,379	41	4,108	40								
		3	Often	36	18	749	15	565	16	1,599	16								
		4	Very often	20	10	395	8	339	11	903	9								
		Total		204	100	5,287	100	3,410	100	10,313	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	14	7	359	7	269	9	772	8	<b>2.8</b>	2.7	.11	2.6 *	.17	2.6 **	.18	
		2	Sometimes	75	36	1,845	37	1,283	38	3,931	39								
		3	Often	64	30	1,926	35	1,210	35	3,714	35								
		4	Very often	55	27	1,147	20	638	18	1,868	18								
		Total		208	100	5,277	100	3,400	100	10,285	100								
f. Explained course material to one or more students	CLexplain	1	Never	12	5	192	4	116	4	380	4	<b>2.7</b>	2.8	-.07	2.8	-.03	2.7	.01	
		2	Sometimes	78	38	1,785	34	1,218	36	3,811	38								
		3	Often	69	33	2,114	39	1,364	40	4,044	39								
		4	Very often	48	23	1,175	22	682	20	1,998	19								
		Total		207	100	5,266	100	3,380	100	10,233	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your first-year students compared with							
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	22	10	645	13	388	12	1,294	13	<b>2.6</b>	2.6	-.01	2.6	.00	2.6	.05	
		2	Sometimes	81	41	1,723	33	1,185	35	3,673	36								
		3	Often	56	28	1,669	31	1,078	31	3,197	31								
		4	Very often	43	21	1,199	22	728	21	2,038	19								
		Total		202	100	5,236	100	3,379	100	10,202	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	6	3	332	7	188	6	714	7	<b>2.9</b>	2.7 ***	.24	2.7 ***	.27	2.6 ***	.32	
		2	Sometimes	60	29	1,819	36	1,259	38	3,930	39								
		3	Often	83	42	1,945	37	1,266	38	3,665	36								
		4	Very often	51	27	1,130	21	647	19	1,853	18								
		Total		200	100	5,226	100	3,360	100	10,162	100								
i. Given a course presentation	present	1	Never	25	12	1,016	20	613	18	2,187	21	<b>2.6</b>	2.3 ***	.40	2.3 ***	.38	2.2 ***	.44	
		2	Sometimes	70	35	2,241	43	1,526	45	4,490	44								
		3	Often	61	31	1,351	25	829	26	2,431	25								
		4	Very often	46	23	614	11	377	11	1,030	10								
		Total		202	100	5,222	100	3,345	100	10,138	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	15	7	347	7	209	6	687	7	<b>2.7</b>	2.6	.06	2.7	-.04	2.6	.05	
		2	Sometimes	76	39	2,045	40	1,192	37	3,884	39								
		3	Often	68	34	1,870	37	1,226	38	3,681	38								
		4	Very often	41	20	815	16	627	19	1,590	16								
		Total		200	100	5,077	100	3,254	100	9,842	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	15	7	501	11	232	7	862	9	<b>2.7</b>	2.5 ***	.28	2.7	.02	2.6 *	.18	
		2	Sometimes	66	33	2,120	42	1,123	34	3,836	39								
		3	Often	74	38	1,747	35	1,228	39	3,551	36								
		4	Very often	42	21	671	13	643	20	1,508	15								
		Total		197	100	5,039	100	3,226	100	9,757	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	15	7	637	13	234	8	1,031	11	<b>2.7</b>	2.5 ***	.28	2.7	.00	2.5 *	.18	
		2	Sometimes	75	38	2,113	42	1,134	35	3,851	40								
		3	Often	59	31	1,571	31	1,197	37	3,241	33								
		4	Very often	48	24	695	14	661	21	1,605	16								
		Total		197	100	5,016	100	3,226	100	9,728	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your first-year students compared with						
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	16	8	276	6	137	4	495	5	<b>2.9</b>	2.7 *	.18	2.8	.07	2.8 *	.15
		2	Sometimes	52	26	1,748	34	1,002	31	3,221	33							
		3	Often	70	37	2,087	42	1,390	43	4,117	43							
		4	Very often	56	29	879	18	684	22	1,830	19							
		Total		194	100	4,990	100	3,213	100	9,663	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	6	3	183	4	100	3	341	4	<b>3.0</b>	2.9 *	.17	2.9	.08	2.9	.14
		2	Sometimes	61	31	1,487	29	859	27	2,815	29							
		3	Often	63	32	2,200	44	1,404	44	4,152	43							
		4	Very often	67	35	1,099	23	833	26	2,324	24							
		Total		197	100	4,969	100	3,196	100	9,632	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	3	2	194	4	97	3	347	4	<b>3.0</b>	2.8 **	.21	2.9	.10	2.8 *	.18
		2	Sometimes	57	30	1,631	33	949	30	3,070	32							
		3	Often	74	39	2,111	43	1,352	43	4,113	43							
		4	Very often	57	29	1,017	20	779	24	2,069	21							
		Total		191	100	4,953	100	3,177	100	9,599	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	0	96	2	36	1	166	2	<b>3.1</b>	3.0	.12	3.1	-.04	3.0	.08
		2	Sometimes	50	26	1,184	24	654	20	2,170	23							
		3	Often	73	38	2,321	47	1,414	45	4,491	47							
		4	Very often	68	35	1,323	27	1,062	34	2,718	28							
		Total		192	100	4,924	100	3,166	100	9,545	100							
<b>3. During the current school year, about how often have you done the following?</b>																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	32	16	1,104	23	550	18	1,969	21	<b>2.4</b>	2.2 **	.26	2.3	.14	2.2 **	.21
		2	Sometimes	81	43	2,212	45	1,457	45	4,267	45							
		3	Often	44	23	1,080	22	750	23	2,236	23							
		4	Very often	35	18	520	11	418	13	1,090	11							
		Total		192	100	4,916	100	3,175	100	9,562	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	95	50	2,413	49	1,567	50	4,779	50	<b>1.8</b>	1.8	.04	1.8	.04	1.8	.05
		2	Sometimes	58	30	1,548	32	974	30	2,914	31							
		3	Often	18	9	640	13	409	13	1,225	13							
		4	Very often	21	11	305	6	210	7	613	7							
		Total		192	100	4,906	100	3,160	100	9,531	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your first-year students compared with						
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	59	30	1,662	34	1,052	33	3,265	34	<b>2.1</b>	2.0	.13	2.0	.10	2.0	.13
		2	Sometimes	77	42	2,049	42	1,314	42	3,952	41							
		3	Often	31	17	832	17	539	17	1,611	17							
		4	Very often	22	11	347	7	241	8	666	7							
		Total		189	100	4,890	100	3,146	100	9,494	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	29	14	1,265	26	638	21	2,370	25	<b>2.4</b>	2.1 ***	.39	2.2 **	.25	2.1 ***	.35
		2	Sometimes	75	41	2,247	46	1,493	47	4,379	46							
		3	Often	57	31	970	20	664	21	1,908	20							
		4	Very often	26	14	396	8	341	11	813	9							
		Total		187	100	4,878	100	3,136	100	9,470	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	8	4	169	3	72	2	256	3	<b>2.9</b>	2.9	-.03	3.1 *	-.17	3.0	-.12
		2	Some	49	25	1,193	25	640	21	2,049	22							
		3	Quite a bit	84	46	2,175	45	1,404	45	4,248	45							
		4	Very much	50	25	1,348	27	1,011	31	2,927	30							
		Total		191	100	4,885	100	3,127	100	9,480	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	9	5	187	4	112	4	358	4	<b>2.9</b>	3.0	-.09	3.0	-.11	2.9	-.04
		2	Some	57	29	1,075	22	678	21	2,292	24							
		3	Quite a bit	66	37	2,221	45	1,416	46	4,298	45							
		4	Very much	55	29	1,381	29	909	29	2,491	26							
		Total		187	100	4,864	100	3,115	100	9,439	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	9	4	209	4	105	3	360	4	<b>3.0</b>	2.9	.10	3.0	-.01	2.9	.09
		2	Some	44	24	1,254	26	714	23	2,440	26							
		3	Quite a bit	71	39	2,101	43	1,341	44	4,114	44							
		4	Very much	60	33	1,270	26	938	30	2,451	26							
		Total		184	100	4,834	100	3,098	100	9,365	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	10	6	228	5	109	4	356	4	<b>3.0</b>	2.8 *	.16	3.0	-.02	2.9	.09
		2	Some	39	20	1,404	29	708	23	2,529	27							
		3	Quite a bit	80	45	2,120	43	1,377	44	4,187	44							
		4	Very much	54	29	1,090	23	905	29	2,305	25							
		Total		183	100	4,842	100	3,099	100	9,377	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your first-year students compared with						
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	11	6	252	5	133	4	434	5	<b>2.9</b>	2.8	.05	2.9	-.07	2.9	.02
		2	Some	48	26	1,427	30	744	24	2,669	29							
		3	Quite a bit	76	42	2,055	42	1,364	45	4,007	43							
		4	Very much	47	26	1,109	23	847	26	2,248	24							
		Total		182	100	4,843	100	3,088	100	9,358	100							
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	9	5	105	2	61	2	202	2	<b>2.8</b>	3.1 ***	-.34	3.1 ***	-.41	3.1 ***	-.33
		2	Some	60	34	974	20	545	18	1,938	21							
		3	Quite a bit	67	37	2,185	44	1,437	46	4,320	45							
		4	Very much	45	24	1,596	33	1,073	34	2,953	31							
		Total		181	100	4,860	100	3,116	100	9,413	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	15	8	176	4	96	3	315	4	<b>2.7</b>	3.0 ***	-.42	3.1 ***	-.50	3.0 ***	-.42
		2	Some	66	37	1,003	21	587	19	2,019	21							
		3	Quite a bit	63	35	2,248	45	1,424	46	4,353	46							
		4	Very much	36	20	1,423	30	999	32	2,706	29							
		Total		180	100	4,850	100	3,106	100	9,393	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	7	4	163	4	97	3	338	4	<b>2.9</b>	3.0 *	-.16	3.1 **	-.22	3.0 *	-.15
		2	Some	57	32	1,075	23	648	21	2,124	23							
		3	Quite a bit	67	38	2,019	41	1,274	41	3,906	42							
		4	Very much	49	27	1,578	32	1,080	34	2,998	32							
		Total		180	100	4,835	100	3,099	100	9,366	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	28	15	406	8	204	7	704	8	<b>2.5</b>	2.8 ***	-.30	2.9 ***	-.38	2.8 ***	-.34
		2	Some	64	36	1,467	30	881	28	2,751	29							
		3	Quite a bit	57	32	1,756	36	1,152	37	3,473	37							
		4	Very much	31	17	1,208	26	864	28	2,448	26							
		Total		180	100	4,837	100	3,101	100	9,376	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	29	15	480	10	239	8	954	10	<b>2.5</b>	2.7 **	-.23	2.8 ***	-.35	2.7 **	-.25
		2	Some	66	38	1,633	34	980	31	3,094	33							
		3	Quite a bit	57	32	1,719	35	1,140	37	3,309	36							
		4	Very much	27	14	974	21	728	24	1,968	22							
		Total		179	100	4,806	100	3,087	100	9,325	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>6. During the current school year, about how often have you done the following?</b>																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	18	10	495	10	374	12	1,132	11	2.7	2.6	.06	2.6	.08	2.6	.13
		2	Sometimes	59	33	1,713	35	1,082	34	3,391	36							
		3	Often	65	37	1,767	37	1,078	35	3,335	36							
		4	Very often	38	21	864	19	572	19	1,522	17							
		Total		180	100	4,839	100	3,106	100	9,380	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	42	23	971	20	653	21	2,039	21	2.3	2.3	.00	2.4	-.02	2.3	.04
		2	Sometimes	68	37	1,952	40	1,184	38	3,767	40							
		3	Often	43	24	1,342	28	847	28	2,505	27							
		4	Very often	27	16	563	12	410	14	1,033	11							
		Total		180	100	4,828	100	3,094	100	9,344	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	38	20	907	18	657	20	1,954	20	2.3	2.3	.03	2.3	.03	2.3	.07
		2	Sometimes	70	38	2,073	43	1,257	41	3,990	43							
		3	Often	51	29	1,336	28	800	26	2,429	27							
		4	Very often	21	13	509	11	368	13	962	11							
		Total		180	100	4,825	100	3,082	100	9,335	100							
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																		
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	10	6	207	5	115	4	415	5	5.9	6.0	-.01	6.4	-.08	6.3	-.07
		1.5	1-2	37	24	982	23	613	21	1,765	21							
		4	3-5	42	27	1,509	35	1,001	35	2,833	34							
		8	6-10	44	30	983	22	620	22	1,980	23							
		13	11-15	13	8	414	9	262	10	795	9							
		18	16-20	5	3	160	3	102	4	351	4							
		23	More than 20	4	2	149	3	112	4	362	4							
		Total		155	100	4,404	100	2,825	100	8,501	100							
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	93	61	1,367	34	1,008	36	2,832	35	1.6	2.1	-.16	1.9	-.12	2.1	-.16
		1.5	1-2	30	22	1,888	42	1,139	41	3,440	41							
		4	3-5	13	9	724	16	462	17	1,391	16							
		8	6-10	6	4	245	6	115	5	456	5							
		13	11-15	4	3	67	1	25	1	129	1							
		18	16-20	2	1	16	0	6	0	26	0							
		23	More than 20	0	0	13	0	9	0	34	0							
Total		148	100	4,320	100	2,764	100	8,308	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your first-year students compared with							
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	128	86	3,334	79	2,182	80	6,433	79	<b>.7</b>	.7	-.02	.6	.01	.7	-.02	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	9	7	649	14	372	14	1,229	15								
		4	3-5	6	4	117	3	76	3	228	3								
		8	6-10	2	1	74	2	28	1	134	2								
		13	11-15	2	1	37	1	15	1	67	1								
		18	16-20	1	1	5	0	5	0	13	0								
		23	More than 20	0	0	15	0	10	0	36	0								
	Total			148	100	4,231	100	2,688	100	8,140	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>39.5</b>	43.5	-.07	42.8	-.06	44.6	-.09	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	22	13	247	6	101	4	432	5	<b>2.5</b>	3.0 ***	-.49	3.1 ***	-.65	3.0 ***	-.53	
		2	Sometimes	61	40	1,228	26	621	23	2,156	25								
		3	Often	42	28	1,391	31	889	31	2,711	31								
		4	Very often	30	20	1,554	37	1,241	43	3,264	39								
			Total	155	100	4,420	100	2,852	100	8,563	100								
b. People from an economic background other than your own	DDeconomic	1	Never	9	6	226	5	94	3	404	5	<b>2.9</b>	3.0	-.12	3.1 ***	-.28	3.0	-.16	
		2	Sometimes	41	27	1,111	24	566	20	1,938	23								
		3	Often	57	38	1,588	36	996	36	3,100	36								
		4	Very often	44	29	1,484	35	1,187	41	3,093	36								
			Total	151	100	4,409	100	2,843	100	8,535	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	23	14	294	7	133	5	544	7	<b>2.5</b>	3.0 ***	-.53	3.1 ***	-.66	3.0 ***	-.56	
		2	Sometimes	65	44	1,171	26	675	24	2,094	25								
		3	Often	34	22	1,418	32	889	32	2,835	33								
		4	Very often	28	19	1,531	35	1,142	40	3,059	36								
			Total	150	100	4,414	100	2,839	100	8,532	100								
d. People with political views other than your own	DDpolitical	1	Never	25	15	279	7	144	5	526	7	<b>2.4</b>	3.0 ***	-.56	3.0 ***	-.65	3.0 ***	-.56	
		2	Sometimes	64	43	1,099	25	664	24	2,107	25								
		3	Often	34	23	1,514	34	934	33	2,890	34								
		4	Very often	27	19	1,520	35	1,087	38	2,978	35								
			Total	150	100	4,412	100	2,829	100	8,501	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	LSreading	1	Never	1	1	91	2	37	1	153	2	<b>3.1</b>	3.0	.12	3.2	-.07	3.0	.08
		2	Sometimes	37	23	1,051	24	491	17	1,878	22							
		3	Often	63	43	1,962	45	1,284	46	3,905	46							
		4	Very often	50	34	1,285	29	1,021	35	2,551	30							
		Total		151	100	4,389	100	2,833	100	8,487	100							
b. Reviewed your notes after class	LSnotes	1	Never	1	1	201	5	104	4	373	5	<b>2.9</b>	2.9	.00	3.0	-.10	2.9	.00
		2	Sometimes	56	38	1,291	30	728	27	2,540	31							
		3	Often	49	32	1,532	35	985	35	2,935	34							
		4	Very often	44	30	1,362	31	1,020	35	2,636	30							
		Total		150	100	4,386	100	2,837	100	8,484	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	9	5	292	7	150	6	569	7	<b>2.8</b>	2.8	.01	2.9	-.06	2.8	.01
		2	Sometimes	48	34	1,330	31	786	29	2,606	31							
		3	Often	53	35	1,625	37	1,070	38	3,065	37							
		4	Very often	39	26	1,093	25	800	27	2,145	25							
		Total		149	100	4,340	100	2,806	100	8,385	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																		
challenge		1	Not at all	0	0	18	1	10	0	29	0	<b>5.5</b>	5.5	.01	5.6	-.06	5.5	.01
		2		0	0	51	1	17	1	77	1							
		3		9	6	141	4	73	3	252	3							
		4		19	12	433	10	273	10	899	11							
		5		52	34	1,465	34	899	32	2,860	34							
		6		31	22	1,329	29	883	31	2,534	29							
		7	Very much	40	26	939	22	668	23	1,806	21							
		Total		151	100	4,376	100	2,823	100	8,457	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		5	3	446	11	292	11	881	11	<b>10%</b>	8%	.07	8%	.07	8%	.06
		Do not plan to do		5	4	140	4	93	3	276	4							
		Plan to do		120	83	3,425	78	2,207	77	6,586	77							
		Done or in progress		15	10	348	8	224	8	691	8							
		Total		145	100	4,359	100	2,816	100	8,434	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your first-year students compared with							
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	30	19	1,146	26	803	28	2,288	27	<b>10%</b>	11%	-.04	12%	-.05	11%	-.04	
			Do not plan to do	24	16	991	23	608	21	1,865	22								
			Plan to do	77	54	1,703	39	1,072	38	3,291	39								
			Done or in progress	15	10	508	11	324	12	961	11								
			Total	146	100	4,348	100	2,807	100	8,405	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	39	26	1,293	29	736	26	2,457	29	<b>17%</b>	17%	.01	21%	-.10	17%	.02	
			Do not plan to do	15	11	1,134	26	798	28	2,247	27								
			Plan to do	66	46	1,176	28	673	24	2,264	27								
			Done or in progress	25	17	743	17	580	21	1,416	17								
			Total	145	100	4,346	100	2,787	100	8,384	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	42	29	1,218	29	777	28	2,416	29	<b>2%</b>	3%	-.04	3%	-.07	3%	-.05	
			Do not plan to do	31	21	1,216	31	599	22	2,211	28								
			Plan to do	70	48	1,781	38	1,336	47	3,519	40								
			Done or in progress	3	2	118	3	90	3	231	3								
			Total	146	100	4,333	100	2,802	100	8,377	100								
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	53	37	1,550	36	1,068	38	3,088	37	<b>7%</b>	7%	.03	5%	.09	5%	.08	
			Do not plan to do	30	19	935	21	597	21	2,059	24								
			Plan to do	52	36	1,567	36	983	36	2,774	34								
			Done or in progress	10	7	276	7	139	5	433	5								
			Total	145	100	4,328	100	2,787	100	8,354	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	38	27	1,401	32	903	32	2,847	34	<b>1%</b>	2%	-.12	4%	-.21	3%	-.14	
			Do not plan to do	12	7	417	10	245	9	814	10								
			Plan to do	94	65	2,411	56	1,544	55	4,474	54								
			Done or in progress	1	1	105	2	102	4	229	3								
			Total	145	100	4,334	100	2,794	100	8,364	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
	servcourse	1	None	61	40	2,008	45	1,229	44	3,926	47	<b>1.7</b>	1.6	.13	1.6	.14	1.6	.16	
			2	Some	69	48	1,968	46	1,370	49	3,790								46
			3	Most	14	10	291	7	174	6	529								7
			4	All	2	1	52	1	19	1	95								1
			Total	146	100	4,319	100	2,792	100	8,340	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
								UNC-System				<i>Your first-year students compared with</i>							
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
<b>a. Students</b>																			
	QIstudent	1	Poor	5	3	65	2	46	2	122	2	<b>5.2</b>							
		2		6	4	72	2	52	2	162	2								
		3		10	7	197	5	140	5	388	5								
		4		23	16	499	12	305	11	957	12								
		5		36	25	1,091	25	663	23	2,172	26								
		6		25	19	1,198	27	840	30	2,406	28								
		7	Excellent	39	26	1,206	27	747	27	2,158	25								
		—	Not applicable	0	0	21	1	12	0	35	1								
			Total	144	100	4,349	100	2,805	100	8,400	100								
<b>b. Academic advisors</b>																			
	QIadvisor	1	Poor	13	8	153	4	90	3	319	4	<b>4.8</b>							
		2		8	6	222	5	103	4	443	5								
		3		15	10	388	9	204	7	701	8								
		4		28	19	612	14	327	11	1,151	14								
		5		21	15	880	20	564	20	1,646	19								
		6		20	15	890	20	667	24	1,817	22								
		7	Excellent	40	27	1,138	26	826	31	2,163	26								
		—	Not applicable	0	0	49	1	16	1	137	2								
			Total	145	100	4,332	100	2,797	100	8,377	100								
<b>c. Faculty</b>																			
	QIfaculty	1	Poor	9	5	88	2	60	2	182	2	<b>4.8</b>							
		2		5	3	136	3	76	3	293	4								
		3		13	10	315	7	149	5	620	7								
		4		28	19	667	15	375	13	1,239	14								
		5		32	24	1,119	26	732	26	2,206	26								
		6		34	24	1,158	26	842	30	2,283	27								
		7	Excellent	20	13	800	19	552	21	1,473	18								
		—	Not applicable	2	1	43	1	8	0	62	1								
			Total	143	100	4,326	100	2,794	100	8,358	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your first-year students compared with							
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	8	5	166	4	117	4	346	4	<b>4.8</b>	5.0	-.07	5.1	-.17	5.0	-.08	
		2		5	3	203	5	113	4	421	5								
		3		20	14	342	8	160	6	619	7								
		4		22	16	643	15	402	14	1,234	15								
		5		27	17	953	22	594	21	1,776	21								
		6		31	22	879	20	696	24	1,843	22								
		7	Excellent	24	17	786	18	550	21	1,503	18								
		—	Not applicable	8	5	354	9	163	6	626	8								
	Total	145	100	4,326	100	2,795	100	8,368	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	15	9	189	5	134	5	429	5	<b>4.6</b>	4.8	-.12	4.9	-.16	4.8	-.08	
		2		8	6	224	5	136	4	503	6								
		3		15	11	362	8	221	8	729	9								
		4		21	13	725	17	431	15	1,370	16								
		5		29	21	1,003	23	595	21	1,784	22								
		6		26	18	851	19	600	22	1,619	19								
		7	Excellent	26	18	688	16	454	16	1,335	16								
		—	Not applicable	5	4	289	7	231	9	606	7								
	Total	145	100	4,331	100	2,802	100	8,375	100										
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	3	2	64	2	35	1	118	2	<b>3.1</b>	3.2	-.17	3.2	-.17	3.2	-.10	
		2	Some	29	23	583	15	381	15	1,264	17								
		3	Quite a bit	53	40	1,839	44	1,180	46	3,607	46								
		4	Very much	45	35	1,602	39	1,033	38	2,876	36								
			Total	130	100	4,088	100	2,629	100	7,865	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	14	10	142	4	90	4	271	4	<b>2.9</b>	3.1 *	-0.23	3.1 **	-0.28	3.1	-0.20	
		2	Some	30	24	760	19	431	17	1,529	20								
		3	Quite a bit	41	31	1,629	40	1,056	41	3,207	41								
		4	Very much	44	35	1,530	37	1,036	39	2,791	35								
			Total	129	100	4,061	100	2,613	100	7,798	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	12	9	196	5	130	5	370	5	<b>3.0</b>	3.2 *	-0.21	3.2 **	-0.28	3.1	-0.19	
		2	Some	34	25	643	16	334	13	1,306	17								
		3	Quite a bit	30	25	1,463	36	894	35	2,818	36								
		4	Very much	53	41	1,743	42	1,244	46	3,293	41								
			Total	129	100	4,045	100	2,602	100	7,787	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Statistical Comparisons <sup>b</sup>						
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	27	19	484	11	250	10	819	11	<b>2.5</b>	2.7	-0.19	2.8 **	-0.29	2.8 *	-0.23
		2	Some	39	32	1,185	29	694	26	2,249	29							
		3	Quite a bit	32	25	1,397	34	872	34	2,634	34							
		4	Very much	29	24	988	25	787	30	2,087	27							
		Total		127	100	4,054	100	2,603	100	7,789	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	16	12	200	5	114	5	370	5	<b>2.9</b>	3.0	-0.14	3.1 *	-0.24	3.0	-0.16
		2	Some	29	22	862	22	484	19	1,668	22							
		3	Quite a bit	37	31	1,592	38	975	38	3,003	38							
		4	Very much	46	35	1,394	34	1,032	38	2,735	35							
		Total		128	100	4,048	100	2,605	100	7,776	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	17	14	242	6	116	5	447	6	<b>2.8</b>	3.0 *	-0.26	3.1 ***	-0.41	3.0 *	-0.26
		2	Some	36	26	856	22	457	18	1,669	22							
		3	Quite a bit	36	30	1,545	39	944	36	2,997	39							
		4	Very much	37	30	1,390	34	1,087	41	2,653	33							
		Total		126	100	4,033	100	2,604	100	7,766	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	35	26	821	20	448	18	1,528	20	<b>2.2</b>	2.4	-0.14	2.5 **	-0.24	2.4	-0.16
		2	Some	49	38	1,476	37	881	34	2,751	36							
		3	Quite a bit	25	20	1,124	28	783	30	2,242	29							
		4	Very much	19	15	618	15	484	18	1,231	16							
		Total		128	100	4,039	100	2,596	100	7,752	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	16	13	226	6	151	6	461	6	<b>2.9</b>	2.9	-0.06	3.0	-0.14	2.9	-0.06
		2	Some	28	21	939	24	543	22	1,842	24							
		3	Quite a bit	38	30	1,580	39	947	37	2,980	38							
		4	Very much	45	36	1,280	31	954	36	2,461	31							
		Total		127	100	4,025	100	2,595	100	7,744	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	19	15	525	14	292	12	972	13	<b>2.6</b>	2.6	.07	2.7	-0.07	2.6	.02
		2	Some	42	32	1,383	35	770	30	2,528	33							
		3	Quite a bit	37	29	1,343	32	891	34	2,633	33							
		4	Very much	29	25	764	19	639	24	1,581	21							
		Total		127	100	4,015	100	2,592	100	7,714	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your first-year students compared with						
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs  (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	0	0	25	1	8	0	36	1	<b>13.6</b>	14.5	-.11	14.1	-.06	14.0	-.05
		3	1-5 hrs	26	19	510	14	342	13	995	14							
		8	6-10 hrs	33	25	925	23	669	26	1,956	25							
		13	11-15 hrs	27	23	867	21	603	22	1,755	22							
		18	16-20 hrs	14	10	777	19	462	18	1,424	18							
		23	21-25 hrs	15	11	462	11	268	10	816	10							
		28	26-30 hrs	4	3	240	6	136	5	397	5							
		33	More than 30 hrs	10	8	235	6	113	5	385	5							
	Total	129	100	4,041	100	2,601	100	7,764	100									
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs  (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	47	37	1,168	31	831	32	2,510	33	<b>4.7</b>	5.7	-.13	5.2	-.07	5.3	-.09
		3	1-5 hrs	49	39	1,369	33	947	35	2,653	33							
		8	6-10 hrs	14	11	730	17	418	17	1,284	17							
		13	11-15 hrs	8	6	395	9	200	8	633	8							
		18	16-20 hrs	4	3	187	5	116	5	362	5							
		23	21-25 hrs	3	2	99	2	43	2	148	2							
		28	26-30 hrs	2	2	31	1	11	0	55	1							
		33	More than 30 hrs	2	1	41	1	18	1	75	1							
	Total	129	100	4,020	100	2,584	100	7,720	100									
c. Working for pay on campus	tmworkonhrs  (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	112	87	3,169	79	2,249	87	6,363	82	<b>1.8</b>	2.5	-.12	1.4	.10	2.2	-.07
		3	1-5 hrs	1	1	164	4	76	3	210	3							
		8	6-10 hrs	4	3	259	6	122	5	430	5							
		13	11-15 hrs	4	3	200	5	80	3	328	4							
		18	16-20 hrs	6	5	161	4	45	2	266	4							
		23	21-25 hrs	0	0	41	1	9	0	83	1							
		28	26-30 hrs	0	0	10	0	4	0	20	0							
		33	More than 30 hrs	1	1	22	1	8	0	31	0							
	Total	128	100	4,026	100	2,593	100	7,731	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	94	74	2,920	71	1,962	76	5,558	72	<b>4.3</b>	4.3	.00	3.8	.06	4.4	-.01
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	6	202	5	128	5	371	5							
	8	6-10 hrs	5	4	221	6	120	4	399	5								
	13	11-15 hrs	6	4	168	4	99	4	360	5								
	18	16-20 hrs	5	4	199	5	103	4	407	5								
	23	21-25 hrs	4	3	131	3	61	2	275	4								
	28	26-30 hrs	2	1	80	2	28	1	160	2								
	33	More than 30 hrs	7	5	87	2	85	4	169	3								
	Total			129	100	4,008	100	2,586	100	7,699	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											<b>6.0</b>	6.7	-.07	5.1	.10	6.5	-.04
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	68	52	2,241	56	1,466	58	4,290	56	<b>2.5</b>	2.5	-.01	2.4	.03	2.6	-.01
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	44	35	1,289	31	822	31	2,430	31							
	8	6-10 hrs	12	8	261	7	155	6	541	7								
	13	11-15 hrs	3	3	102	3	81	3	202	3								
	18	16-20 hrs	2	2	55	2	30	1	101	2								
	23	21-25 hrs	1	1	26	1	10	1	51	1								
	28	26-30 hrs	0	0	10	0	5	0	21	0								
	33	More than 30 hrs	0	0	18	0	13	1	38	1								
	Total			130	100	4,002	100	2,582	100	7,674	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	1	60	2	34	1	120	2	<b>10.5</b>	12.3 *	-.21	13.0 **	-.29	12.6 **	-.24
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	41	30	870	22	485	18	1,546	20							
	8	6-10 hrs	33	27	1,104	27	703	27	2,124	27								
	13	11-15 hrs	23	19	804	20	560	22	1,600	20								
	18	16-20 hrs	18	13	547	14	384	14	1,060	14								
	23	21-25 hrs	7	6	262	7	177	7	557	7								
	28	26-30 hrs	2	2	130	3	63	2	255	3								
	33	More than 30 hrs	3	3	239	6	175	8	448	6								
	Total			129	100	4,016	100	2,581	100	7,710	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your first-year students compared with											
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class								
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>					
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	110	84	3,184	78	2,116	82	6,153	79	<b>2.1</b>	2.3	-.03	1.9	.03	2.1	.00					
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	4	381	10	231	9	737	10												
	8	6-10 hrs	4	4	168	4	80	3	308	4													
	13	11-15 hrs	4	3	106	3	53	2	185	3													
	18	16-20 hrs	2	1	53	2	34	1	103	1													
	23	21-25 hrs	1	0	39	1	9	0	59	1													
	28	26-30 hrs	1	1	18	0	9	0	26	0													
	33	More than 30 hrs	3	2	63	2	52	2	124	2													
	Total			130	100	4,012	100	2,584	100	7,695	100												
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	59	46	1,623	38	1,135	43	3,062	38	<b>4.3</b>	4.2	.02	3.5	.14	4.1	.03					
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	40	31	1,542	39	996	39	2,993	39												
	8	6-10 hrs	12	9	489	13	258	10	977	13													
	13	11-15 hrs	7	5	177	5	88	3	316	4													
	18	16-20 hrs	5	4	81	2	52	2	178	3													
	23	21-25 hrs	2	2	44	1	16	1	74	1													
	28	26-30 hrs	1	1	13	0	12	0	38	0													
	33	More than 30 hrs	3	2	54	2	29	1	97	1													
	Total			129	100	4,023	100	2,586	100	7,735	100												
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																							
reading	1	Very little	23	17	698	18	277	11	1,091	15	<b>2.7</b>	2.5	.14	2.8	-.11	2.6	.05						
	2	Some	40	30	1,450	37	842	32	2,726	36													
	3	About half	37	30	1,079	27	816	32	2,210	28													
	4	Most	21	16	578	14	468	19	1,244	16													
	5	Almost all	8	7	204	5	180	7	419	5													
		Total			129	100	4,009	100	2,583	100								7,690	100				
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																<b>6.2</b>	5.8	.09	6.5	-.05	6.0	.05

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>					
				NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean
	tmreadinghrscol	1	0 hrs	0	0	21	1	8	0	32	0						
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	75	57	2,221	57	1,335	51	4,219	57						
		3	More than 5, up to 10 hrs	31	25	1,151	28	751	29	2,156	27						
		4	More than 10, up to 15 hrs	7	6	310	7	249	10	646	8						
		5	More than 15, up to 20 hrs	6	5	164	4	110	4	320	4						
		6	More than 20, up to 25 hrs	8	6	92	2	85	3	200	3						
		7	More than 25 hrs	1	1	36	1	29	1	79	1						
		Total		128	100	3,995	100	2,567	100	7,652	100						

#### 17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

a. Writing clearly and effectively	pgwrite	1	Very little	7	5	342	9	169	7	579	8	<b>2.9</b>	2.8	.11	2.8	.01	2.8	.05
		2	Some	35	28	1,185	30	676	26	2,083	28							
		3	Quite a bit	56	44	1,632	40	1,106	43	3,223	41							
		4	Very much	28	23	851	22	627	24	1,793	24							
		Total		126	100	4,010	100	2,578	100	7,678	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	11	9	483	12	289	12	837	11	<b>2.8</b>	2.6 *	.24	2.6 *	.22	2.7 *	.18
		2	Some	32	25	1,296	32	818	32	2,393	31							
		3	Quite a bit	49	39	1,475	36	949	37	2,882	38							
		4	Very much	34	27	748	19	509	19	1,540	20							
		Total		126	100	4,002	100	2,565	100	7,652	100							
c. Thinking critically and analytically	pgthink	1	Very little	4	3	152	4	94	4	275	4	<b>3.1</b>	3.1	.09	3.1	.03	3.0	.10
		2	Some	27	21	804	20	427	17	1,529	20							
		3	Quite a bit	46	36	1,740	43	1,162	45	3,422	44							
		4	Very much	48	40	1,304	33	888	34	2,428	32							
		Total		125	100	4,000	100	2,571	100	7,654	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	11	9	411	10	383	15	1,046	13	<b>2.8</b>	2.8	.03	2.6 *	.22	2.6	.18
		2	Some	39	32	1,171	29	817	32	2,435	32							
		3	Quite a bit	42	32	1,467	37	870	34	2,662	35							
		4	Very much	33	28	957	25	495	20	1,512	20							
		Total		125	100	4,006	100	2,565	100	7,655	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

### Frequency Distributions<sup>a</sup>

### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your first-year students compared with									
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	10	7	532	13	403	16	1,107	15	<b>2.9</b>	2.6 ***	.31	2.6 ***	.34	2.6 ***	.34			
		2	Some	39	32	1,312	33	823	32	2,496	33								▲	▲	▲
		3	Quite a bit	30	23	1,347	33	805	31	2,547	33										
		4	Very much	47	38	808	20	539	21	1,516	20										
		Total		126	100	3,999	100	2,570	100	7,666	100										
f. Working effectively with others	pgothers	1	Very little	11	9	294	8	173	7	554	8	<b>3.0</b>	2.8	.17	2.9	.09	2.8	.16			
		2	Some	29	22	1,103	28	635	26	2,055	27										
		3	Quite a bit	42	32	1,598	39	1,046	40	3,138	40										
		4	Very much	44	37	1,001	25	713	28	1,914	25										
		Total		126	100	3,996	100	2,567	100	7,661	100										
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	9	8	542	14	302	12	967	13	<b>2.9</b>	2.6 **	.29	2.7 *	.19	2.7 **	.25			
		2	Some	34	28	1,245	31	699	27	2,267	30								▲	▲	▲
		3	Quite a bit	42	32	1,359	33	948	37	2,734	35										
		4	Very much	40	33	851	22	613	24	1,687	22										
		Total		125	100	3,997	100	2,562	100	7,655	100										
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	20	16	489	12	239	10	782	10	<b>2.8</b>	2.7	.10	2.8	-.02	2.8	.02			
		2	Some	32	25	1,238	31	687	27	2,169	28										
		3	Quite a bit	32	25	1,377	34	939	36	2,739	36										
		4	Very much	41	34	893	23	699	27	1,971	26										
		Total		125	100	3,997	100	2,564	100	7,661	100										
i. Solving complex real-world problems	pgprobsolve	1	Very little	17	13	468	12	318	12	975	13	<b>2.8</b>	2.6	.18	2.7	.15	2.6 *	.20			
		2	Some	31	24	1,346	34	811	32	2,553	34										
		3	Quite a bit	41	31	1,402	35	872	34	2,622	34										
		4	Very much	36	31	782	20	562	22	1,506	20										▲
		Total		125	100	3,998	100	2,563	100	7,656	100										
j. Being an informed and active citizen	pgcitizen	1	Very little	17	14	522	14	287	11	982	13	<b>2.9</b>	2.6 **	.29	2.7	.17	2.6 *	.26			
		2	Some	34	27	1,353	34	782	31	2,462	33										
		3	Quite a bit	26	20	1,371	34	896	35	2,657	34										
		4	Very much	46	39	734	19	592	22	1,528	20										▲
		Total		123	100	3,980	100	2,557	100	7,629	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>								
				NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		
				Count		Count		Count		Count		Mean		Mean		Mean		Mean		
				%		%		%		%		Effect size <sup>e</sup>		Effect size <sup>e</sup>		Effect size <sup>e</sup>		Effect size <sup>e</sup>		
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count		Count		Count		Count		Mean		Mean		Mean		Mean		
<b>18. How would you evaluate your entire educational experience at this institution?</b>																				
	evalexp	1	Poor	2	2	75	2	32	1	134	2	<b>3.1</b>	3.2 *	-19	3.2 **	-27	3.2	-17	▽	▽
		2	Fair	21	17	475	12	270	11	918	13									
		3	Good	69	55	1,955	49	1,289	50	3,985	51									
		4	Excellent	33	26	1,514	36	998	38	2,653	34									
			Total	125	100	4,019	100	2,589	100	7,690	100									
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																				
	sameinst	1	Definitely no	8	6	129	3	89	3	251	3	<b>3.2</b>	3.2	-01	3.3	-07	3.2	.00		
		2	Probably no	16	12	458	12	300	11	887	12									
		3	Probably yes	41	36	1,666	42	1,002	39	3,292	43									
		4	Definitely yes	60	46	1,766	42	1,200	46	3,277	42									
			Total	125	100	4,019	100	2,591	100	7,707	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	3	1	257	3	65	2	395	3	<b>3.2</b>	3.1	.12	3.2	-.06	3.1 *	.13
		2	Sometimes	56	23	2,363	26	694	20	3,808	26							
		3	Often	78	32	2,915	32	1,068	31	4,637	32							
		4	Very often	106	43	3,524	39	1,714	47	5,584	38							
		Total		243	100	9,059	100	3,541	100	14,424	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	35	15	1,830	20	569	17	3,030	21	<b>2.5</b>	2.5	.03	2.6	-.07	2.4	.08
		2	Sometimes	92	39	3,123	34	1,119	32	5,040	35							
		3	Often	71	29	2,327	26	948	27	3,623	26							
		4	Very often	44	18	1,695	20	877	24	2,623	19							
		Total		242	100	8,975	100	3,513	100	14,316	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	9	4	568	6	216	6	971	7	<b>3.1</b>	3.0	.06	3.1	.05	3.0 *	.15
		2	Often	21	9	1,267	13	396	12	2,187	15							
		3	Sometimes	148	61	4,713	51	1,847	53	7,733	54							
		4	Never	60	26	2,378	29	1,034	29	3,331	24							
		Total		238	100	8,926	100	3,493	100	14,222	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	86	38	4,099	48	1,478	43	6,364	46	<b>1.9</b>	1.7 **	.19	1.8	.09	1.8	.12
		2	Sometimes	97	41	3,275	36	1,323	39	5,195	36							
		3	Often	37	15	954	11	408	11	1,580	11							
		4	Very often	18	7	555	6	268	7	1,018	7							
		Total		238	100	8,883	100	3,477	100	14,157	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	11	5	1,311	17	413	12	1,615	12	<b>2.9</b>	2.4 ***	.50	2.5 ***	.45	2.5 ***	.42
		2	Sometimes	74	32	3,642	41	1,541	45	6,049	43							
		3	Often	86	34	2,497	26	964	28	4,184	29							
		4	Very often	67	28	1,423	15	547	15	2,296	16							
		Total		238	100	8,873	100	3,465	100	14,144	100							
f. Explained course material to one or more students	CLexplain	1	Never	4	2	603	8	155	5	578	4	<b>3.1</b>	2.7 ***	.40	2.8 ***	.31	2.8 ***	.31
		2	Sometimes	61	25	2,925	35	1,238	35	4,715	34							
		3	Often	90	39	3,370	36	1,244	37	5,588	39							
		4	Very often	81	34	1,936	21	810	23	3,200	22							
		Total		236	100	8,834	100	3,447	100	14,081	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NC A&T				UNC-System				Your seniors compared with							
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	14	6	1,680	22	568	16	2,283	17	<b>2.9</b>	2.4 ***	.46	2.5 ***	.39	2.5 ***	.39	
		2	Sometimes	67	28	2,876	33	1,203	35	4,868	34								
		3	Often	80	34	2,392	26	956	28	3,957	28								
		4	Very often	73	32	1,871	20	716	20	2,961	21								
		Total		234	100	8,819	100	3,443	100	14,069	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	3	2	769	10	172	5	781	6	<b>3.2</b>	2.8 ***	.48	2.9 ***	.34	2.9 ***	.37	
		2	Sometimes	41	18	2,462	29	955	28	3,904	28								
		3	Often	86	37	2,981	33	1,234	36	4,984	35								
		4	Very often	103	44	2,581	28	1,077	32	4,342	30								
		Total		233	100	8,793	100	3,438	100	14,011	100								
i. Given a course presentation	present	1	Never	13	6	1,202	16	279	8	1,480	11	<b>3.1</b>	2.6 ***	.57	2.8 ***	.29	2.7 ***	.45	
		2	Sometimes	42	19	2,977	34	1,007	30	4,585	33								
		3	Often	81	34	2,631	29	1,130	33	4,485	32								
		4	Very often	98	41	1,965	21	996	29	3,426	24								
		Total		234	100	8,775	100	3,412	100	13,976	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	9	4	315	4	88	3	392	3	<b>3.0</b>	2.9	.09	3.1	-.09	3.0	.00	
		2	Sometimes	58	26	2,241	27	749	23	3,314	25								
		3	Often	83	36	3,451	40	1,312	40	5,536	40								
		4	Very often	78	34	2,549	29	1,212	35	4,393	31								
		Total		228	100	8,556	100	3,361	100	13,635	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	8	3	616	8	153	5	843	7	<b>2.9</b>	2.8 **	.17	2.9	-.03	2.8	.11	
		2	Sometimes	65	30	2,757	33	901	28	4,139	31								
		3	Often	86	39	3,040	35	1,173	36	4,837	35								
		4	Very often	66	28	2,078	24	1,110	32	3,688	27								
		Total		225	100	8,491	100	3,337	100	13,507	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	18	9	1,260	16	312	10	1,725	14	<b>2.7</b>	2.5 *	.15	2.7	-.07	2.6	.09	
		2	Sometimes	83	38	3,046	35	1,016	32	4,743	35								
		3	Often	70	30	2,472	29	1,037	30	4,001	29								
		4	Very often	54	23	1,677	20	977	27	3,013	22								
		Total		225	100	8,455	100	3,342	100	13,482	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Statistical Comparisons							
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	6	2	453	6	125	4	695	5	<b>3.0</b>	2.8 **	.19	2.9	.11	2.8 **	.17	
		2	Sometimes	59	27	2,603	30	940	29	4,024	30								
		3	Often	91	41	3,478	41	1,361	41	5,489	41								
		4	Very often	65	29	1,915	23	908	26	3,227	24								
		Total		221	100	8,449	100	3,334	100	13,435	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	3	1	308	4	98	3	498	4	<b>3.1</b>	2.9 *	.17	3.0	.05	2.9	.13	
		2	Sometimes	56	25	2,402	28	775	25	3,538	26								
		3	Often	89	41	3,464	41	1,326	40	5,484	41								
		4	Very often	71	33	2,238	27	1,116	32	3,871	29								
		Total		219	100	8,412	100	3,315	100	13,391	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	2	1	202	2	69	2	332	3	<b>3.0</b>	2.9 **	.17	3.0	.06	2.9 *	.15	
		2	Sometimes	52	23	2,475	30	844	26	3,827	29								
		3	Often	103	48	3,571	42	1,337	41	5,611	42								
		4	Very often	65	29	2,140	25	1,062	31	3,591	26								
		Total		222	100	8,388	100	3,312	100	13,361	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	2	1	93	1	27	1	130	1	<b>3.2</b>	3.2	.04	3.3	-.09	3.2	-.01	
		2	Sometimes	30	14	1,500	19	460	14	2,149	17								
		3	Often	107	49	3,615	43	1,395	43	5,733	43								
		4	Very often	79	35	3,161	37	1,426	42	5,303	39								
		Total		218	100	8,369	100	3,308	100	13,315	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	21	10	1,771	24	506	16	2,358	19	<b>2.7</b>	2.3 ***	.47	2.5 **	.23	2.4 ***	.35	
		2	Sometimes	72	33	3,295	40	1,246	38	5,291	40								
		3	Often	67	32	1,988	22	824	25	3,360	24								
		4	Very often	58	26	1,300	15	720	21	2,308	17								
		Total		218	100	8,354	100	3,296	100	13,317	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	61	29	3,857	50	1,341	41	5,720	44	<b>2.3</b>	1.8 ***	.49	2.0 ***	.29	1.9 ***	.39	
		2	Sometimes	64	29	2,348	27	950	29	3,941	29								
		3	Often	47	23	1,275	14	540	17	2,102	15								
		4	Very often	45	20	848	10	457	13	1,522	11								
		Total		217	100	8,328	100	3,288	100	13,285	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your seniors compared with						
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	34	15	2,446	33	763	23	3,487	27	<b>2.5</b>	2.1 ***	.43	2.3 **	.19	2.2 ***	.31
		2	Sometimes	86	40	3,282	38	1,263	39	5,345	40							
		3	Often	57	28	1,692	19	752	23	2,870	21							
		4	Very often	39	17	906	10	508	15	1,572	12							
		Total		216	100	8,326	100	3,286	100	13,274	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	23	10	2,064	27	589	19	3,061	24	<b>2.6</b>	2.1 ***	.52	2.4 ***	.25	2.2 ***	.43
		2	Sometimes	77	38	3,707	44	1,348	42	5,802	44							
		3	Often	75	34	1,700	19	824	24	2,907	22							
		4	Very often	41	18	837	10	518	15	1,462	11							
		Total		216	100	8,308	100	3,279	100	13,232	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	7	3	670	9	246	7	971	8	<b>2.9</b>	2.7 **	.20	2.8	.11	2.8 *	.13
		2	Some	62	29	2,528	31	962	30	3,801	29							
		3	Quite a bit	80	40	3,195	38	1,182	36	5,164	39							
		4	Very much	64	28	1,915	22	901	27	3,313	25							
		Total		213	100	8,308	100	3,291	100	13,249	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	5	3	226	3	85	3	416	3	<b>3.1</b>	3.1	-.04	3.2	-.12	3.1	-.01
		2	Some	42	20	1,481	18	481	15	2,416	18							
		3	Quite a bit	84	41	3,453	42	1,335	41	5,524	42							
		4	Very much	78	36	3,114	38	1,379	41	4,856	37							
		Total		209	100	8,274	100	3,280	100	13,212	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	7	3	295	4	88	3	489	4	<b>3.1</b>	3.1	-.02	3.2	-.12	3.1	-.01
		2	Some	47	22	1,704	20	551	17	2,756	21							
		3	Quite a bit	83	42	3,355	41	1,317	41	5,301	40							
		4	Very much	74	34	2,922	36	1,320	39	4,631	35							
		Total		211	100	8,276	100	3,276	100	13,177	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	5	3	523	6	141	5	782	6	<b>3.0</b>	2.9	.05	3.1	-.11	2.9	.05
		2	Some	58	26	2,107	25	617	20	3,259	25							
		3	Quite a bit	85	43	3,253	40	1,363	41	5,317	40							
		4	Very much	62	28	2,365	29	1,166	34	3,799	29							
		Total		210	100	8,248	100	3,287	100	13,157	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Statistical Comparisons <sup>b</sup>						
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	7	3	419	5	140	5	618	5	<b>3.0</b>	2.9	.06	3.0	-.04	2.9	.06
		2	Some	47	24	2,072	25	674	21	3,305	25							
		3	Quite a bit	91	45	3,359	41	1,319	41	5,390	41							
		4	Very much	63	29	2,398	30	1,140	34	3,837	29							
		Total		208	100	8,248	100	3,273	100	13,150	100							
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	4	2	200	3	50	2	302	2	<b>3.1</b>	3.2	-.12	3.3 ***	-.27	3.1	-.10
		2	Some	50	24	1,428	17	461	14	2,347	18							
		3	Quite a bit	86	40	3,616	42	1,332	42	5,740	43							
		4	Very much	69	34	3,042	38	1,463	43	4,845	37							
		Total		209	100	8,286	100	3,306	100	13,234	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	7	3	264	4	104	3	422	4	<b>2.9</b>	3.1 **	-.21	3.2 ***	-.33	3.1 **	-.19
		2	Some	63	30	1,555	19	511	15	2,542	20							
		3	Quite a bit	81	39	3,671	43	1,331	41	5,760	43							
		4	Very much	57	28	2,781	35	1,350	40	4,481	34							
		Total		208	100	8,271	100	3,296	100	13,205	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	11	6	308	4	99	3	459	4	<b>3.0</b>	3.1	-.07	3.2 **	-.22	3.1	-.10
		2	Some	44	20	1,563	19	551	17	2,413	18							
		3	Quite a bit	86	40	3,363	40	1,184	37	5,344	40							
		4	Very much	65	34	3,025	37	1,455	43	4,970	37							
		Total		206	100	8,259	100	3,289	100	13,186	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	30	14	980	13	278	9	1,424	11	<b>2.7</b>	2.7	-.01	2.9 **	-.22	2.7	-.06
		2	Some	59	27	2,501	30	775	25	3,841	29							
		3	Quite a bit	75	36	2,690	32	1,125	35	4,358	33							
		4	Very much	46	23	2,081	25	1,106	32	3,547	27							
		Total		210	100	8,252	100	3,284	100	13,170	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	23	10	690	9	204	6	1,051	8	<b>2.7</b>	2.8	-.12	3.0 ***	-.31	2.8	-.13
		2	Some	63	29	2,312	28	724	22	3,685	28							
		3	Quite a bit	84	41	3,164	37	1,266	40	5,009	38							
		4	Very much	38	19	2,059	26	1,080	32	3,390	26							
		Total		208	100	8,225	100	3,274	100	13,135	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>6. During the current school year, about how often have you done the following?</b>																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	15	6	885	10	417	12	1,657	12	<b>2.8</b>	2.7	.13	2.7 *	.17	2.7 **	.19
		2	Sometimes	63	30	2,632	31	1,055	31	4,376	32							
		3	Often	78	38	2,879	35	1,100	34	4,465	34							
		4	Very often	52	26	1,874	23	721	22	2,716	22							
		Total		208	100	8,270	100	3,293	100	13,214	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	17	8	1,467	18	574	17	2,571	19	<b>2.7</b>	2.5 ***	.24	2.5 **	.18	2.4 ***	.27
		2	Sometimes	77	37	2,974	36	1,130	34	4,797	36							
		3	Often	68	33	2,360	29	944	29	3,644	28							
		4	Very often	46	22	1,441	18	643	20	2,178	17							
		Total		208	100	8,242	100	3,291	100	13,190	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	12	1,360	17	510	15	2,368	18	<b>2.5</b>	2.5	.10	2.5	.01	2.4	.13
		2	Sometimes	86	41	3,123	38	1,180	36	5,006	38							
		3	Often	58	29	2,427	30	960	30	3,816	29							
		4	Very often	39	19	1,326	16	624	19	1,969	15							
		Total		208	100	8,236	100	3,274	100	13,159	100							
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																		
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	17	10	494	7	134	5	773	7	<b>6.6</b>	6.9	-.05	7.4	-.13	7.2	-.10
		1.5	1-2	36	19	1,595	22	583	19	2,381	20							
		4	3-5	55	27	2,095	28	922	31	3,334	28							
		8	6-10	48	25	1,629	21	636	21	2,631	21							
		13	11-15	19	10	756	10	303	10	1,226	10							
		18	16-20	6	3	424	5	186	6	705	6							
		23	More than 20	11	6	537	7	236	8	962	8							
		Total		192	100	7,530	100	3,000	100	12,012	100							
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	46	24	1,715	25	596	20	2,830	25	<b>3.3</b>	3.3	.01	3.3	-.01	3.2	.02
		1.5	1-2	72	38	2,656	35	1,110	37	4,257	36							
		4	3-5	40	20	1,804	23	788	27	2,872	24							
		8	6-10	21	11	819	11	305	10	1,232	10							
		13	11-15	8	4	236	3	84	3	383	3							
		18	16-20	4	2	111	1	43	1	152	1							
		23	More than 20	1	0	75	1	30	1	123	1							
Total		192	100	7,416	100	2,956	100	11,849	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your seniors compared with							
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class		Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Effect size <sup>e</sup>
c. 11 pages or more	wrlongnum	0	None	89	48	3,333	48	1,230	42	5,482	48	<b>1.7</b>	1.9	-0.07	1.8	-0.05	1.8	-0.04	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	68	38	2,592	34	1,170	41	4,156	35								
		4	3-5	18	8	835	11	330	12	1,262	11								
		8	6-10	4	3	292	4	86	3	399	3								
		13	11-15	3	2	131	2	46	1	171	2								
		18	16-20	2	1	61	1	16	1	77	1								
		23	More than 20	1	0	75	1	27	1	111	1								
		Total			185	100	7,319	100	2,905	100	11,658	100							
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>71.0</b>	73.0	-0.02	73.6	-0.03	72.0	-0.01	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	13	7	550	7	161	6	733	6	<b>2.9</b>	3.0	-0.10	3.1 **	-0.20	3.0	-0.14	
		2	Sometimes	63	30	2,012	24	710	23	3,130	25								
		3	Often	52	28	2,222	29	855	28	3,512	29								
		4	Very often	67	35	2,922	39	1,391	43	4,934	41								
			Total	195	100	7,706	100	3,117	100	12,309	100								
b. People from an economic background other than your own	DDeconomic	1	Never	4	2	416	6	125	4	587	5	<b>3.0</b>	3.0	.03	3.1	-0.08	3.1	-0.01	
		2	Sometimes	54	27	1,808	23	639	21	2,717	22								
		3	Often	69	35	2,649	34	1,003	33	4,299	35								
		4	Very often	68	36	2,805	37	1,339	42	4,669	38								
			Total	195	100	7,678	100	3,106	100	12,272	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	18	9	535	8	191	6	806	7	<b>2.8</b>	3.0 *	-0.19	3.0 **	-0.24	3.0 *	-0.19	
		2	Sometimes	55	28	1,902	24	720	24	3,062	25								
		3	Often	72	37	2,355	30	925	31	3,853	31								
		4	Very often	49	26	2,874	38	1,264	39	4,539	37								
			Total	194	100	7,666	100	3,100	100	12,260	100								
d. People with political views other than your own	DDpolitical	1	Never	23	12	462	7	180	6	752	7	<b>2.7</b>	3.0 ***	-0.32	3.1 ***	-0.39	3.0 ***	-0.32	
		2	Sometimes	64	31	1,754	23	688	22	2,872	24								
		3	Often	59	32	2,537	32	962	32	4,040	33								
		4	Very often	47	25	2,892	38	1,251	40	4,546	37								
			Total	193	100	7,645	100	3,081	100	12,210	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	LSreading	1	Never	4	2	185	3	63	2	308	3	<b>3.2</b>	3.2	.06	3.3	-.05	3.2	.08
		2	Sometimes	35	17	1,345	17	415	14	2,195	18							
		3	Often	70	38	3,051	40	1,162	39	4,885	40							
		4	Very often	85	43	3,083	40	1,447	45	4,865	39							
		Total		194	100	7,664	100	3,087	100	12,253	100							
b. Reviewed your notes after class	LSnotes	1	Never	6	4	550	7	140	5	815	7	<b>3.0</b>	2.9	.07	3.0	-.02	2.9	.10
		2	Sometimes	55	29	2,278	29	778	26	3,717	30							
		3	Often	66	35	2,383	32	991	33	3,901	32							
		4	Very often	66	33	2,437	33	1,169	36	3,787	31							
		Total		193	100	7,648	100	3,078	100	12,220	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	4	2	517	7	140	5	816	7	<b>3.0</b>	2.9	.09	3.0	-.03	2.9	.13
		2	Sometimes	59	32	2,198	28	725	25	3,575	29							
		3	Often	63	34	2,638	35	1,057	36	4,252	35							
		4	Very often	64	33	2,216	30	1,117	35	3,466	29							
		Total		190	100	7,569	100	3,039	100	12,109	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																		
challenge		1	Not at all	1	0	50	1	17	1	81	1	<b>5.7</b>	5.7	.01	5.8	-.07	5.6	.05
		2		2	1	86	1	31	1	162	1							
		3		11	6	251	3	83	3	406	3							
		4		10	5	673	9	207	7	1,084	9							
		5		60	30	2,163	27	763	25	3,512	28							
		6		49	26	2,316	30	960	31	3,711	30							
		7	Very much	60	32	2,098	30	1,022	32	3,258	28							
		Total		193	100	7,637	100	3,083	100	12,214	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		4	2	623	10	215	7	891	8	<b>59%</b>	45% ***	.27	53%	.12	49% **	.20
		Do not plan to do		25	13	1,371	19	562	18	1,994	17							
		Plan to do		45	26	1,862	26	676	21	3,087	26							
		Done or in progress		118	59	3,772	45	1,629	53	6,237	49							
		Total		192	100	7,628	100	3,082	100	12,209	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Statistical Comparisons <sup>b</sup>						
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	15	7	804	12	339	11	1,240	11	<b>48%</b>	32% ***	.33	36% **	.23	34% ***	.28
			Do not plan to do	69	37	3,498	47	1,412	46	5,624	46							
			Plan to do	15	8	627	9	213	7	939	8							
			Done or in progress	93	48	2,683	32	1,110	36	4,378	34							
			Total	192	100	7,612	100	3,074	100	12,181	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	25	13	956	14	363	11	1,431	13	<b>39%</b>	21% ***	.38	28% **	.23	25% ***	.29
			Do not plan to do	69	38	4,188	54	1,566	53	6,394	53							
			Plan to do	21	10	710	10	269	8	1,091	10							
			Done or in progress	73	39	1,742	21	863	28	3,231	25							
			Total	188	100	7,596	100	3,061	100	12,147	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	27	14	853	13	354	11	1,372	12	<b>8%</b>	10%	-.08	15% **	-.22	11%	-.11
			Do not plan to do	126	67	5,256	69	2,070	67	8,452	69							
			Plan to do	23	12	566	8	213	7	858	8							
			Done or in progress	13	8	908	10	431	15	1,465	11							
			Total	189	100	7,583	100	3,068	100	12,147	100							
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	24	13	1,099	16	430	14	1,750	15	<b>34%</b>	23% ***	.25	29%	.12	23% ***	.25
			Do not plan to do	73	37	3,557	47	1,383	46	5,874	48							
			Plan to do	30	16	995	14	361	12	1,563	14							
			Done or in progress	63	34	1,914	23	895	29	2,907	23							
			Total	190	100	7,565	100	3,069	100	12,094	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	10	6	638	10	204	6	1,024	9	<b>65%</b>	41% ***	.49	57% *	.17	45% ***	.41
			Do not plan to do	24	12	1,420	20	450	14	2,444	21							
			Plan to do	31	17	2,110	29	671	22	2,962	25							
			Done or in progress	123	65	3,417	41	1,736	57	5,709	45							
			Total	188	100	7,585	100	3,061	100	12,139	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?	servcourse	1 None	None	60	32	3,191	43	941	32	4,685	40	<b>1.9</b>	1.7 **	.22	1.8	.04	1.7 *	.19
			Some	103	55	3,570	46	1,703	56	6,080	49							
			Most	19	9	677	9	361	11	1,156	9							
			All	9	4	131	2	63	2	200	2							
			Total	191	100	7,569	100	3,068	100	12,121	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																		
a. Students	QIstudent	1	Poor	2	1	88	1	33	1	123	1	<b>5.8</b>	5.7	.08	5.7	.06	5.7	.09
		2		5	3	116	2	46	2	178	2							
		3		4	2	290	4	97	3	438	4							
		4		14	8	652	9	291	9	1,077	9							
		5		42	21	1,720	22	689	22	2,842	23							
		6		52	28	2,153	27	902	30	3,646	30							
	7	Excellent	72	36	2,429	32	985	32	3,752	31								
	—	Not applicable	0	0	166	3	38	1	121	1								
		Total		191	100	7,614	100	3,081	100	12,177	100							
b. Academic advisors	QIadvisor	1	Poor	9	5	386	6	128	5	628	5	<b>5.4</b>	5.2	.11	5.3	.02	5.1	.14
		2		6	3	399	5	133	4	678	5							
		3		12	7	587	7	217	7	960	8							
		4		14	8	926	12	333	12	1,536	13							
		5		44	23	1,361	18	510	17	2,288	19							
		6		40	22	1,590	21	601	19	2,492	20							
	7	Excellent	65	33	2,243	30	1,142	35	3,415	28								
	—	Not applicable	0	0	103	2	20	1	161	1								
		Total		190	100	7,595	100	3,084	100	12,158	100							
c. Faculty	QIfaculty	1	Poor	7	4	141	2	38	1	204	2	<b>5.2</b>	5.4	-.14	5.7 ***	-.33	5.5 *	-.16
		2		6	3	166	2	56	2	276	2							
		3		10	5	364	5	112	4	528	5							
		4		24	13	839	11	279	9	1,370	11							
		5		54	28	1,823	23	651	21	2,904	24							
		6		47	25	2,238	29	934	32	3,672	30							
	7	Excellent	44	22	1,909	26	958	31	3,047	25								
	—	Not applicable	0	0	84	1	35	1	86	1								
		Total		192	100	7,564	100	3,063	100	12,087	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your seniors compared with						
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	11	6	383	5	105	4	569	5	<b>4.6</b>	4.8 *	-0.15	5.2 ***	-0.36	4.9 *	-0.17
		2		8	4	351	5	116	4	547	5							
		3		21	10	532	7	161	5	875	7							
		4		41	23	944	12	338	11	1,566	12							
		5		46	24	1,421	17	580	19	2,368	19							
		6		21	12	1,270	16	580	19	2,205	18							
		7	Excellent	25	13	1,215	16	657	21	1,971	16							
		—	Not applicable	16	7	1,463	22	531	17	2,027	18							
	Total	189	100	7,579	100	3,068	100	12,128	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	19	10	430	6	148	5	669	6	<b>4.3</b>	4.8 ***	-0.27	4.9 ***	-0.35	4.8 ***	-0.27
		2		17	10	448	6	188	6	705	6							
		3		17	9	665	9	234	8	1,021	8							
		4		36	18	1,209	15	426	14	1,886	15							
		5		52	28	1,554	19	646	21	2,658	21							
		6		25	14	1,524	19	648	21	2,467	20							
		7	Excellent	21	11	1,316	18	621	19	2,008	17							
		—	Not applicable	1	1	454	7	168	6	742	6							
	Total	188	100	7,600	100	3,079	100	12,156	100									
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	2	1	124	2	55	2	237	2	<b>3.2</b>	3.2	.05	3.2	.05	3.1	.14
		2	Some	30	17	1,138	15	408	14	2,092	18							
		3	Quite a bit	67	38	3,246	44	1,286	45	5,170	45							
		4	Very much	76	44	2,748	39	1,179	39	4,044	35							
			Total	175	100	7,256	100	2,928	100	11,543	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	9	5	370	6	110	4	577	6	<b>2.9</b>	2.9	.02	3.1	-0.14	2.9	.03
		2	Some	39	23	1,766	25	577	21	2,808	25							
		3	Quite a bit	79	44	3,015	41	1,174	41	4,864	42							
		4	Very much	48	28	2,031	28	1,039	34	3,211	28							
			Total	175	100	7,182	100	2,900	100	11,460	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	23	13	657	10	190	7	955	9	<b>2.8</b>	2.8	-0.05	3.0 **	-0.24	2.9	-0.08
		2	Some	34	20	1,828	25	586	21	2,855	25							
		3	Quite a bit	74	43	2,678	37	1,032	36	4,329	37							
		4	Very much	45	24	2,032	28	1,103	36	3,333	29							
			Total	176	100	7,195	100	2,911	100	11,472	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Statistical Comparisons <sup>b</sup>						
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	28	16	1,253	17	393	14	1,924	17	<b>2.6</b>	2.6	.04	2.6	-.03	2.6	.04
		2	Some	48	28	2,354	31	884	31	3,719	32							
		3	Quite a bit	60	36	2,183	31	916	31	3,481	31							
		4	Very much	37	20	1,396	21	719	23	2,341	21							
		Total		173	100	7,186	100	2,912	100	11,465	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	16	9	598	9	161	6	778	7	<b>2.9</b>	2.8	.08	3.0	-.09	2.9	.01
		2	Some	40	23	1,912	27	684	24	2,954	26							
		3	Quite a bit	63	36	2,735	37	1,101	38	4,440	38							
		4	Very much	56	31	1,936	27	967	32	3,282	28							
		Total		175	100	7,181	100	2,913	100	11,454	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	16	10	836	13	261	10	1,184	11	<b>2.9</b>	2.7	.13	2.9	-.03	2.8	.11
		2	Some	38	22	1,838	26	669	23	3,055	27							
		3	Quite a bit	70	39	2,609	35	1,004	35	4,235	36							
		4	Very much	50	29	1,879	26	965	33	2,952	26							
		Total		174	100	7,162	100	2,899	100	11,426	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	52	31	2,586	37	893	31	3,973	35	<b>2.2</b>	2.0 *	.18	2.2	.03	2.1 *	.16
		2	Some	56	30	2,423	33	966	34	4,003	34							
		3	Quite a bit	43	25	1,426	20	590	21	2,255	20							
		4	Very much	23	14	724	11	448	14	1,181	11							
		Total		174	100	7,159	100	2,897	100	11,412	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	16	10	959	15	328	12	1,342	12	<b>2.9</b>	2.7 **	.22	2.8	.09	2.7 *	.19
		2	Some	37	21	2,020	28	716	25	3,303	29							
		3	Quite a bit	66	40	2,457	34	995	35	4,069	35							
		4	Very much	53	29	1,701	24	855	28	2,679	23							
		Total		172	100	7,137	100	2,894	100	11,393	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	24	14	1,367	20	438	16	2,015	18	<b>2.7</b>	2.4 ***	.28	2.6	.11	2.4 **	.24
		2	Some	49	28	2,647	36	895	32	4,186	36							
		3	Quite a bit	59	35	2,071	29	916	32	3,382	30							
		4	Very much	42	23	1,037	15	643	20	1,783	16							
		Total		174	100	7,122	100	2,892	100	11,366	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Statistical Comparisons							
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs  (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	1	0	34	0	10	0	45	0	<b>13.5</b>	15.2 *	▽	-0.19	14.6	-0.12	14.3	-0.10
		3	1-5 hrs	34	19	903	13	416	14	1,694	15								
		8	6-10 hrs	37	23	1,691	23	713	25	2,882	25								
		13	11-15 hrs	42	24	1,415	20	573	20	2,334	20								
		18	16-20 hrs	25	14	1,266	18	502	18	1,892	16								
		23	21-25 hrs	11	7	760	11	300	10	1,045	9								
		28	26-30 hrs	9	6	474	7	173	6	634	6								
		33	More than 30 hrs	13	7	608	9	219	8	859	8								
	Total			172	100	7,151	100	2,906	100	11,385	100								
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs  (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	60	35	3,098	47	1,280	44	4,817	44	<b>5.6</b>	4.3 *	△	.19	4.5	.16	4.4 *	.18
		3	1-5 hrs	56	33	1,982	26	839	29	3,382	29								
		8	6-10 hrs	19	12	973	13	371	13	1,545	13								
		13	11-15 hrs	14	8	483	6	182	6	699	6								
		18	16-20 hrs	10	5	300	4	106	3	450	4								
		23	21-25 hrs	6	3	139	2	50	2	209	2								
		28	26-30 hrs	2	1	48	1	26	1	89	1								
		33	More than 30 hrs	3	2	92	1	35	1	137	1								
	Total			170	100	7,115	100	2,889	100	11,328	100								
c. Working for pay on campus	tmworkonhrs  (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	108	63	5,148	75	2,190	76	8,047	72	<b>4.6</b>	3.5	.15	3.3 *	.19	4.0	.08	
		3	1-5 hrs	7	5	283	3	99	3	432	3								
		8	6-10 hrs	22	13	480	6	193	7	758	6								
		13	11-15 hrs	8	5	456	6	152	5	763	6								
		18	16-20 hrs	21	12	456	6	143	5	770	7								
		23	21-25 hrs	1	1	126	2	65	2	320	3								
		28	26-30 hrs	1	0	68	1	23	1	100	1								
		33	More than 30 hrs	2	1	105	2	30	1	152	2								
	Total			170	100	7,122	100	2,895	100	11,342	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your seniors compared with						
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	75	46	3,179	42	1,246	43	5,050	44	<b>11.2</b>	13.0	-.13	12.1	-.07	11.9	-.05
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	4	309	4	151	5	522	4							
		8	6-10 hrs	9	5	464	6	187	7	717	6							
		13	11-15 hrs	12	6	440	6	174	6	766	7							
		18	16-20 hrs	24	14	641	8	257	9	1,144	10							
		23	21-25 hrs	9	4	471	6	187	6	862	7							
		28	26-30 hrs	14	8	327	5	139	5	595	5							
		33	More than 30 hrs	21	12	1,266	22	539	19	1,661	17							
	Total			172	100	7,097	100	2,880	100	11,317	100							
Estimated number of hours working for pay	tmworkhrs											<b>15.9</b>	16.4	-.04	15.3	.04	15.7	.01
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	45	28	3,574	51	1,281	47	5,514	49	<b>5.2</b>	3.1 ***	.38	3.7 **	.24	3.2 ***	.36
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	74	44	2,466	34	1,039	35	3,996	35							
		8	6-10 hrs	19	11	525	8	267	9	887	8							
		13	11-15 hrs	17	9	229	3	119	4	382	4							
		18	16-20 hrs	8	4	140	2	67	2	237	2							
		23	21-25 hrs	3	2	68	1	39	1	128	1							
		28	26-30 hrs	2	1	26	0	24	1	41	0							
		33	More than 30 hrs	2	1	57	1	43	2	89	1							
	Total			170	100	7,085	100	2,879	100	11,274	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	9	6	230	4	96	3	292	3	<b>9.0</b>	10.2 *	-.16	10.7 **	-.20	10.7 **	-.21
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	58	32	1,938	29	887	29	3,118	28							
		8	6-10 hrs	43	27	2,104	29	795	28	3,285	29							
		13	11-15 hrs	33	19	1,248	17	480	17	1,956	17							
		18	16-20 hrs	11	7	799	11	303	11	1,334	12							
		23	21-25 hrs	11	6	338	5	141	5	574	5							
		28	26-30 hrs	3	2	158	2	64	2	293	2							
		33	More than 30 hrs	2	1	284	4	121	5	463	4							
	Total			170	100	7,099	100	2,887	100	11,315	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your seniors compared with							
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	118	69	4,469	58	1,790	65	7,675	66	<b>5.3</b>	7.5 *	-18	6.3	-.09	5.7	-.03	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	10	730	11	290	9	1,134	10								
	8	6-10 hrs	5	3	366	6	143	5	521	5									
	13	11-15 hrs	6	4	264	4	115	4	386	4									
	18	16-20 hrs	4	2	248	4	79	3	307	3									
	23	21-25 hrs	3	2	116	2	47	2	140	1									
	28	26-30 hrs	3	2	82	1	35	1	114	1									
	33	More than 30 hrs	16	9	830	14	379	12	1,026	10									
	Total			171	100	7,105	100	2,878	100	11,303	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	30	20	1,309	21	596	21	1,516	14	<b>5.8</b>	4.9	.14	4.7	.18	5.1	.11	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	87	49	3,876	50	1,565	55	6,583	56								
	8	6-10 hrs	25	15	1,261	18	420	14	2,091	19									
	13	11-15 hrs	13	7	353	5	148	5	637	6									
	18	16-20 hrs	6	3	145	2	70	2	249	2									
	23	21-25 hrs	4	2	53	1	32	1	93	1									
	28	26-30 hrs	3	2	38	1	13	0	49	0									
	33	More than 30 hrs	4	2	98	2	48	2	135	1									
	Total			172	100	7,133	100	2,892	100	11,353	100								
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
reading		1	Very little	29	18	1,136	16	335	13	1,771	16	<b>2.6</b>	2.8 *	-17	2.9 **	-.25	2.8	-.13	
	2	Some	49	29	1,989	27	742	26	3,224	28									
	3	About half	52	29	1,869	27	861	29	3,084	27									
	4	Most	33	18	1,471	21	663	23	2,277	20									
	5	Almost all	9	4	656	9	297	10	996	9									
		Total			172	100	7,121	100	2,898	100	11,352								100
tmreadinghrs		(Continuous variable created by NSSE. Calculated as a proportion of tmrephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																	
		<b>6.0</b>																	
		7.2 *    -19    7.2 *    -19    6.7    -.11																	

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC-System								Your seniors compared with								
				NC A&T		NC A&T Peers		Peers		Carnegie Class		NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
	tmreadinghrscol	1	0 hrs	1	0	33	0	10	0	43	0									
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	98	59	3,480	48	1,358	47	5,812	52									
		3	More than 5, up to 10 hrs	44	25	2,005	28	812	29	3,153	28									
		4	More than 10, up to 15 hrs	12	6	690	10	305	11	1,090	10									
		5	More than 15, up to 20 hrs	9	4	423	6	210	7	579	5									
		6	More than 20, up to 25 hrs	4	3	308	5	120	4	419	4									
		7	More than 25 hrs	4	2	148	2	65	2	192	2									
		Total		172	100	7,087	100	2,880	100	11,288	100									

#### 17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

a. Writing clearly and effectively	pgwrite	1	Very little	8	5	478	7	149	5	752	7	<b>3.1</b>	3.0 *	.16	3.1	.00	3.0 *	.16	
		2	Some	30	17	1,641	23	507	18	2,642	23								Δ
		3	Quite a bit	68	39	2,624	36	1,037	36	4,127	36								
		4	Very much	65	39	2,398	34	1,208	40	3,849	34								Δ
		Total		171	100	7,141	100	2,901	100	11,370	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	8	5	665	10	191	7	934	9	<b>3.2</b>	2.9 ***	.34	3.0 *	.18	2.9 ***	.31	
		2	Some	31	18	1,790	25	569	20	2,782	24								▲
		3	Quite a bit	53	30	2,463	34	1,012	36	3,998	35								Δ
		4	Very much	81	48	2,189	31	1,113	37	3,601	32								▲
		Total		173	100	7,107	100	2,885	100	11,315	100								
c. Thinking critically and analytically	pgthink	1	Very little	6	4	207	3	69	2	329	3	<b>3.4</b>	3.3 *	.17	3.3	.09	3.3 *	.19	
		2	Some	20	11	948	13	342	12	1,538	14								Δ
		3	Quite a bit	43	25	2,572	35	975	34	4,193	37								
		4	Very much	104	60	3,392	48	1,504	52	5,271	47								Δ
		Total		173	100	7,119	100	2,890	100	11,331	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	12	7	641	9	291	9	1,200	10	<b>3.1</b>	2.9 **	.20	2.9 **	.25	2.8 ***	.29	
		2	Some	35	19	1,752	24	725	25	3,099	27								Δ
		3	Quite a bit	53	30	2,271	32	931	33	3,563	32								
		4	Very much	73	45	2,451	35	945	33	3,467	32								Δ
		Total		173	100	7,115	100	2,892	100	11,329	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>								
				NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	8	5	696	10	227	8	999	9	3.1	2.9 **	.23	3.1	.10	2.9 **	.21		
		2	Some	33	20	1,595	22	567	20	2,555	23								▲	▲
		3	Quite a bit	56	33	2,395	34	901	32	3,752	33									
		4	Very much	76	43	2,431	34	1,196	41	4,023	35									
		Total		173	100	7,117	100	2,891	100	11,329	100									
f. Working effectively with others	pgothers	1	Very little	8	5	440	7	107	4	589	6	3.3	3.0 ***	.32	3.1 *	.16	3.0 ***	.28		
		2	Some	22	12	1,522	22	521	19	2,345	21								▲	▲
		3	Quite a bit	54	33	2,587	36	1,045	36	4,165	37									
		4	Very much	89	51	2,551	35	1,212	41	4,216	36									
		Total		173	100	7,100	100	2,885	100	11,315	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	10	6	949	14	286	10	1,432	13	3.0	2.8 ***	.25	2.9	.11	2.8 ***	.24		
		2	Some	40	23	1,838	25	656	23	2,968	26								▲	▲
		3	Quite a bit	56	33	2,288	32	918	32	3,591	31									
		4	Very much	65	37	2,027	29	1,030	34	3,329	29									
		Total		171	100	7,102	100	2,890	100	11,320	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	13	8	931	14	281	11	1,315	12	3.1	2.7 ***	.33	2.9 *	.19	2.8 ***	.30		
		2	Some	32	18	2,064	27	679	25	3,206	28								▲	▲
		3	Quite a bit	59	35	2,216	31	929	32	3,540	31									
		4	Very much	68	39	1,899	28	999	33	3,264	29									
		Total		172	100	7,110	100	2,888	100	11,325	100									
i. Solving complex real-world problems	pgprobsolve	1	Very little	12	7	755	11	253	9	1,150	11	3.1	2.8 ***	.26	2.9	.15	2.8 ***	.28		
		2	Some	41	22	1,802	25	660	23	3,015	26								▲	▲
		3	Quite a bit	44	27	2,511	35	963	34	3,969	35									
		4	Very much	75	44	2,038	29	1,009	34	3,191	28									
		Total		172	100	7,106	100	2,885	100	11,325	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	12	8	1,068	15	324	12	1,641	15	3.0	2.6 ***	.36	2.8 *	.17	2.6 ***	.34		
		2	Some	37	21	2,249	31	731	26	3,431	30								▲	▲
		3	Quite a bit	61	36	2,148	30	884	31	3,429	30									
		4	Very much	61	35	1,613	23	929	31	2,772	25									
		Total		171	100	7,078	100	2,868	100	11,273	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## North Carolina Agricultural & Technical State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class		NC A&T		NC A&T Peers		UNC-System Peers		Carnegie Class	
				Count		Count		Count		Count		Mean		Mean		Mean		Mean	
				%		%		%		%		Effect size <sup>e</sup>		Effect size <sup>e</sup>		Effect size <sup>e</sup>		Effect size <sup>e</sup>	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count		Count		Count		Count		Mean		Mean		Mean		Mean	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	4	3	187	3	74	3	281	3	<b>3.2</b>	3.2	-.02	3.3	-.14	3.2	-.01	
		2	Fair	30	17	860	13	310	11	1,329	13								
		3	Good	66	37	3,169	44	1,113	38	5,234	46								
		4	Excellent	71	43	2,910	40	1,398	48	4,528	39								
			Total	171	100	7,126	100	2,895	100	11,372	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	5	3	311	5	134	5	503	5	<b>3.3</b>	3.2	.10	3.3	.05	3.2	.12	
		2	Probably no	24	13	854	12	350	12	1,370	12								
		3	Probably yes	54	33	2,775	38	990	34	4,457	39								
		4	Definitely yes	89	51	3,200	45	1,435	49	5,072	44								
			Total	172	100	7,140	100	2,909	100	11,402	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### North Carolina Agricultural & Technical State University

#### First-Year Students

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC A&T	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	Comparisons with:			Comparisons with:			Comparisons with:			
														NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class	
1 a. askquest	211	2.89	2.75	2.88	2.76	.060	.016	.020	.012	.87	.85	.85	.85	2,944	2,035	5,490	.020	.948	.031	.17	.00	.15	
b. drafts	211	2.59	2.46	2.59	2.49	.067	.019	.023	.014	.98	.98	.99	.99	2,919	2,022	5,436	.066	.929	.161	.13	.01	.10	
c. unpreparedr	209	3.13	2.98	3.03	2.97	.049	.015	.018	.011	.70	.79	.76	.78	2,900	2,001	5,405	.008	.077	.004	.19	.13	.20	
d. attendart	204	2.04	1.91	2.04	1.98	.067	.018	.023	.013	.96	.91	.95	.94	2,887	1,993	5,380	.051	.947	.402	.14	.00	.06	
e. CLaskhelp	209	2.78	2.69	2.63	2.62	.064	.017	.021	.012	.92	.88	.88	.86	2,888	1,992	5,371	.131	.019	.010	.11	.17	.18	
f. CLexplain	207	2.74	2.80	2.77	2.74	.061	.016	.019	.011	.87	.83	.80	.81	2,880	249	5,345	.363	.736	.921	-.07	-.03	.01	
g. CLstudy	202	2.61	2.62	2.62	2.56	.065	.019	.023	.013	.93	.97	.96	.95	2,856	1,971	5,322	.933	.977	.447	-.01	.00	.05	
h. CLproject	201	2.92	2.71	2.69	2.64	.057	.017	.020	.012	.81	.87	.84	.85	235	250	217	.001	.000	.000	.24	.27	.32	
i. present	202	2.64	2.28	2.30	2.24	.067	.018	.021	.013	.96	.91	.89	.90	230	243	216	.000	.000	.000	.40	.38	.44	
2 a. RIntegrate	200	2.67	2.61	2.70	2.63	.062	.017	.021	.012	.88	.84	.85	.84	2,768	1,899	5,129	.402	.587	.529	.06	-.04	.05	
b. RIsocietal	197	2.73	2.50	2.72	2.58	.063	.017	.021	.012	.88	.85	.87	.86	2,746	1,879	5,083	.000	.778	.011	.28	.02	.18	
c. RIdiverse	197	2.71	2.46	2.71	2.55	.065	.018	.021	.013	.91	.88	.88	.89	2,732	1,878	5,066	.000	.981	.012	.28	.00	.18	
d. Rlownview	194	2.88	2.73	2.83	2.76	.066	.016	.020	.012	.92	.82	.81	.82	2,715	229	5,027	.014	.429	.043	.18	.07	.15	
e. Rlperspect	197	2.99	2.86	2.93	2.88	.062	.016	.020	.012	.88	.81	.80	.82	2,706	237	5,014	.025	.322	.054	.17	.08	.14	
f. RInewview	191	2.96	2.79	2.88	2.81	.059	.016	.020	.012	.81	.80	.81	.81	2,692	1,841	4,990	.006	.178	.014	.21	.10	.18	
g. Rlconnect	192	3.08	2.99	3.11	3.02	.057	.015	.019	.011	.79	.77	.76	.77	220	1,834	205	.123	.643	.291	.12	-.04	.08	
3 a. SFcareer	192	2.44	2.20	2.31	2.24	.070	.018	.023	.013	.97	.91	.92	.91	219	1,841	205	.001	.073	.007	.26	.14	.21	
b. SFotherwork	192	1.81	1.77	1.77	1.76	.071	.018	.023	.013	.99	.91	.92	.91	2,667	1,833	4,951	.577	.581	.477	.04	.04	.05	
c. SFdiscuss	190	2.09	1.98	2.01	1.97	.069	.018	.022	.013	.95	.90	.91	.90	2,657	1,822	4,931	.083	.206	.068	.13	.10	.13	
d. SFperform	187	2.44	2.10	2.22	2.13	.066	.018	.022	.013	.90	.88	.89	.89	214	1,814	201	.000	.001	.000	.39	.25	.35	
4 a. memorize	191	2.92	2.95	3.06	3.02	.059	.016	.019	.012	.81	.81	.78	.80	2,656	1,811	4,923	.707	.025	.114	-.03	-.17	-.12	
b. HOapply	188	2.91	2.98	3.00	2.94	.064	.016	.020	.012	.88	.82	.80	.81	212	224	200	.271	.176	.628	-.09	-.11	-.04	
c. HOanalyze	185	3.00	2.92	3.01	2.92	.064	.017	.020	.012	.86	.83	.81	.82	2,622	1,790	4,859	.188	.884	.224	.10	-.01	.09	
d. HOevaluate	184	2.97	2.84	2.99	2.90	.063	.017	.020	.012	.85	.83	.81	.81	2,625	1,788	4,863	.038	.842	.219	.16	-.02	.09	
e. HOform	183	2.88	2.83	2.93	2.86	.064	.017	.021	.012	.87	.84	.82	.83	2,625	1,780	4,854	.486	.380	.755	.05	-.07	.02	
5 a. ETgoals	182	2.80	3.08	3.12	3.06	.064	.016	.019	.011	.86	.79	.77	.78	204	214	192	.000	.000	.000	-.34	-.41	-.33	
b. ETorganize	181	2.67	3.01	3.07	3.01	.066	.016	.020	.012	.89	.81	.80	.80	203	214	192	.000	.000	.000	-.42	-.50	-.42	
c. ETexample	181	2.88	3.02	3.07	3.01	.063	.017	.021	.012	.85	.83	.82	.84	2,621	1,780	4,854	.034	.004	.043	-.16	-.22	-.15	
d. ETdraftfb	181	2.51	2.78	2.86	2.82	.070	.019	.023	.013	.94	.92	.90	.91	2,619	1,781	4,857	.000	.000	.000	-.30	-.38	-.34	
e. ETfeedback	180	2.46	2.67	2.77	2.69	.068	.019	.022	.014	.91	.92	.90	.92	2,603	1,776	4,833	.002	.000	.001	-.23	-.35	-.25	

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### North Carolina Agricultural & Technical State University

#### First-Year Students

Variable Name	N					Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC A&T	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	Comparisons with:			Comparisons with:			Comparisons with:						
														NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class				
6 a. QRconclude	180	2.70	2.64	2.63	2.58	.068	.018	.023	.013	.91	.89	.92	.90	2,623	1,784	4,864	.419	.338	.090	.06	.08	.13				
b. QRproblem	181	2.33	2.33	2.35	2.29	.074	.019	.024	.014	1.00	.92	.96	.93	2,616	1,778	4,842	.949	.765	.602	.00	-.02	.04				
c. QRevaluate	181	2.34	2.31	2.31	2.28	.070	.018	.023	.013	.95	.89	.94	.90	2,614	1,773	4,837	.683	.708	.375	.03	.03	.07				
7 a. wrshortnum	156	5.94	6.00	6.40	6.34	.400	.111	.144	.084	4.98	5.23	5.47	5.48	2,364	1,608	4,390	.890	.316	.376	-.01	-.08	-.07				
b. wrmednum	148	1.58	2.06	1.90	2.05	.265	.062	.071	.046	3.22	2.89	2.69	2.93	2,309	1,575	4,288	.053	.177	.055	-.16	-.12	-.16				
c. wrlongnum	148	.67	.71	.64	.72	.196	.050	.061	.038	2.38	2.32	2.27	2.40	2,263	1,537	4,205	.856	.868	.805	-.02	.01	-.02				
— wrpages	144	39.54	43.51	42.81	44.61	5.324	1.228	1.531	.907	63.87	56.19	56.92	57.46	2,235	1,523	4,154	.417	.517	.300	-.07	-.06	-.09				
8 a. DDrace	155	2.54	2.99	3.13	3.03	.077	.020	.023	.014	.95	.93	.89	.92	2,370	1,620	4,415	.000	.000	.000	-.49	-.65	-.53				
b. DDeconomic	152	2.90	3.00	3.14	3.04	.072	.019	.022	.014	.89	.90	.85	.89	2,360	1,612	4,397	.168	.001	.052	-.12	-.28	-.16				
c. DDreligion	151	2.46	2.96	3.06	2.98	.078	.020	.024	.014	.96	.94	.91	.93	2,364	1,610	4,397	.000	.000	.000	-.53	-.66	-.56				
d. DDpolitical	151	2.45	2.97	3.04	2.97	.079	.020	.024	.014	.97	.93	.91	.93	2,362	179	160	.000	.000	.000	-.56	-.65	-.56				
9 a. LSreading	151	3.10	3.00	3.15	3.03	.062	.017	.020	.012	.76	.78	.75	.77	2,347	1,606	4,373	.157	.396	.334	.12	-.07	.08				
b. LSnotes	151	2.91	2.91	3.00	2.90	.068	.019	.023	.014	.83	.89	.88	.89	2,344	1,608	4,372	.980	.227	.956	.00	-.10	.00				
c. LSsummary	150	2.82	2.81	2.87	2.81	.072	.019	.023	.014	.88	.89	.88	.89	2,319	1,592	4,319	.880	.468	.874	.01	-.06	.01				
10. challenge	152	5.51	5.50	5.58	5.50	.095	.025	.029	.017	1.17	1.16	1.12	1.13	2,344	1,600	4,359	.927	.463	.897	.01	-.06	.01				
11 a. intern <sup>l</sup>	145	.101	.081	.080	.084	.0251	.0058	.0071	.0043	--	--	--	--	--	--	--	.390	.382	.464	.07	.07	.06				
b. leader <sup>l</sup>	146	.103	.114	.120	.115	.0253	.0068	.0086	.0049	--	--	--	--	--	--	--	.683	.547	.665	-.04	-.05	-.04				
c. learncom <sup>l</sup>	145	.173	.171	.212	.166	.0315	.0081	.0108	.0058	--	--	--	--	--	--	--	.952	.263	.833	.01	-.10	.02				
d. abroad <sup>l</sup>	146	.021	.027	.033	.028	.0118	.0035	.0047	.0026	--	--	--	--	--	--	--	.625	.430	.592	-.04	-.07	-.05				
e. research <sup>l</sup>	145	.075	.066	.052	.054	.0219	.0053	.0059	.0035	--	--	--	--	--	--	--	.680	.252	.288	.03	.09	.08				
f. capstone <sup>l</sup>	145	.009	.023	.040	.027	.0079	.0032	.0052	.0025	--	--	--	--	--	--	--	.260	.060	.177	-.12	-.21	-.14				
12. servcourse	146	1.73	1.64	1.64	1.62	.058	.014	.017	.010	.70	.67	.63	.66	2,303	1,579	4,288	.137	.098	.063	.13	.14	.16				
13 a. Qlstudent	144	5.17	5.49	5.51	5.46	.132	.029	.036	.021	1.59	1.36	1.36	1.35	158	165	151	.020	.016	.034	-.23	-.24	-.21				
b. Qladvisor	146	4.80	5.12	5.35	5.13	.158	.036	.043	.026	1.91	1.68	1.61	1.68	160	166	153	.050	.001	.037	-.19	-.34	-.20				
c. Qlfaculty	142	4.79	5.16	5.32	5.15	.133	.031	.037	.023	1.58	1.45	1.39	1.45	2,277	164	4,261	.004	.000	.004	-.25	-.38	-.25				
d. Qlstaff	138	4.83	4.95	5.12	4.97	.143	.037	.044	.027	1.68	1.64	1.62	1.65	2,112	1,486	3,969	.397	.051	.341	-.07	-.17	-.08				
e. Qladmin	141	4.64	4.84	4.90	4.78	.158	.037	.046	.027	1.87	1.64	1.66	1.70	155	164	148	.233	.115	.394	-.12	-.16	-.08				
14 a. empstudy	130	3.08	3.21	3.21	3.16	.071	.017	.020	.012	.81	.75	.73	.75	2,164	1,476	4,025	.065	.069	.247	-.17	-.17	-.10				
b. SEacademic	129	2.91	3.10	3.14	3.08	.087	.019	.023	.013	.99	.83	.83	.83	140	146	134	.029	.009	.054	-.23	-.28	-.20				
c. SElearnsup	129	2.98	3.16	3.22	3.14	.090	.019	.024	.014	1.02	.87	.87	.87	140	147	134	.047	.009	.073	-.21	-.28	-.19				



# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### North Carolina Agricultural & Technical State University

#### First-Year Students

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC A&T	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	Comparisons with:			Comparisons with:			Comparisons with:			
														NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class	
d. SEdiverse	127	2.54	2.73	2.82	2.76	.094	.021	.027	.015	1.06	.96	.97	.96	140	147	133	.053	.004	.021	-.19	-.29	-.23	
e. SEsocial	128	2.89	3.02	3.10	3.03	.091	.020	.024	.014	1.03	.88	.87	.87	139	145	133	.170	.027	.131	-.14	-.24	-.16	
f. SEwellness	126	2.76	3.00	3.13	3.00	.092	.020	.024	.014	1.03	.89	.87	.89	137	142	131	.014	.000	.012	-.26	-.41	-.26	
g. SEnonacad	128	2.24	2.38	2.48	2.40	.089	.022	.027	.016	1.01	.97	.99	.98	2,140	1,457	3,971	.130	.009	.079	-.14	-.24	-.16	
h. SEactivities	127	2.89	2.95	3.01	2.95	.092	.020	.025	.014	1.04	.89	.91	.90	138	145	132	.539	.189	.543	-.06	-.14	-.06	
i. SEevents	127	2.63	2.57	2.70	2.62	.090	.021	.026	.015	1.02	.95	.96	.95	2,124	1,454	3,949	.448	.424	.853	.07	-.07	.02	
15 a. tmprephrs	129	13.62	14.51	14.07	14.03	.786	.188	.219	.132	8.92	8.44	8.00	8.17	2,141	1,460	3,975	.245	.548	.575	-.11	-.06	-.05	
b. tmcocurrhrs	129	4.74	5.65	5.17	5.34	.607	.150	.174	.107	6.90	6.73	6.33	6.62	2,129	1,450	3,952	.139	.473	.319	-.13	-.07	-.09	
c. tmworkonhrs	128	1.83	2.51	1.40	2.22	.469	.130	.120	.090	5.30	5.84	4.37	5.59	147	144	3,954	.164	.377	.442	-.12	.10	-.07	
d. tmworkoffhrs	128	4.30	4.34	3.76	4.36	.798	.190	.228	.138	9.05	8.47	8.31	8.51	2,121	1,452	3,938	.957	.489	.935	.00	.06	-.01	
— tmworkhrs	127	6.02	6.74	5.06	6.47	.909	.234	.266	.168	10.23	10.41	9.65	10.33	2,106	1,443	3,913	.449	.288	.632	-.07	.10	-.04	
e. tmservicehrs	130	2.52	2.55	2.40	2.57	.351	.105	.126	.077	4.00	4.68	4.59	4.76	2,121	1,451	3,928	.949	.772	.909	-.01	.03	-.01	
f. tmrelaxhrs	129	10.54	12.33	12.99	12.60	.667	.193	.237	.139	7.57	8.61	8.62	8.57	2,126	1,450	3,944	.021	.002	.007	-.21	-.29	-.24	
g. tmcarehrs	130	2.09	2.31	1.93	2.09	.557	.138	.163	.095	6.34	6.16	5.95	5.87	2,124	1,453	3,938	.701	.775	.999	-.03	.03	.00	
h. tmcommutehrs	128	4.26	4.15	3.46	4.07	.610	.135	.150	.096	6.92	6.05	5.48	5.96	2,127	143	3,956	.849	.205	.727	.02	.14	.03	
16. reading	129	2.66	2.51	2.78	2.61	.100	.024	.029	.017	1.14	1.08	1.07	1.08	2,123	1,452	3,936	.125	.221	.597	.14	-.11	.05	
— tmreadinghrs	128	6.25	5.76	6.53	5.96	.566	.119	.156	.089	6.40	5.32	5.65	5.48	139	1,442	3,918	.405	.600	.565	.09	-.05	.05	
17 a. pgwrite	126	2.85	2.75	2.84	2.81	.074	.020	.024	.014	.83	.89	.87	.88	2,119	1,445	3,928	.227	.892	.581	.11	.01	.05	
b. pgspeak	126	2.85	2.63	2.64	2.68	.082	.021	.026	.015	.92	.93	.92	.92	2,115	1,438	3,911	.010	.019	.044	.24	.22	.18	
c. pgthink	125	3.12	3.05	3.10	3.04	.076	.018	.022	.013	.85	.82	.81	.81	2,114	1,440	3,915	.356	.760	.292	.09	.03	.10	
d. pganalyze	125	2.79	2.76	2.58	2.62	.085	.021	.027	.015	.95	.93	.97	.95	2,116	1,437	3,915	.710	.020	.050	.03	.22	.18	
e. pgwork	126	2.91	2.61	2.57	2.58	.089	.021	.027	.016	1.00	.96	1.00	.97	2,115	1,442	3,922	.001	.000	.000	.31	.34	.34	
f. pgothers	126	2.96	2.81	2.88	2.82	.087	.020	.025	.014	.98	.90	.90	.89	2,111	1,441	3,918	.071	.322	.079	.17	.09	.16	
g. pgvalues	125	2.90	2.62	2.72	2.65	.085	.022	.027	.016	.95	.97	.96	.96	2,112	1,436	3,915	.002	.041	.005	.29	.19	.25	
h. pgdiverse	125	2.78	2.68	2.80	2.76	.097	.022	.026	.015	1.09	.96	.95	.95	136	142	130	.312	.834	.858	.10	-.02	.02	
i. pgprobsolve	125	2.80	2.63	2.65	2.61	.092	.021	.026	.015	1.03	.93	.96	.94	2,109	1,437	3,913	.055	.109	.027	.18	.15	.20	
j. pgcitizen	123	2.85	2.57	2.69	2.61	.098	.021	.026	.015	1.09	.95	.94	.95	134	140	128	.006	.105	.015	.29	.17	.26	
18. evalexp	125	3.05	3.20	3.24	3.17	.064	.016	.019	.012	.71	.73	.70	.72	141	147	3,930	.034	.005	.069	-.19	-.27	-.17	
19. sameinst	125	3.23	3.24	3.28	3.23	.078	.018	.022	.013	.88	.79	.79	.78	2,122	1,448	3,939	.893	.463	.960	-.01	-.07	.00	

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### North Carolina Agricultural & Technical State University

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC A&T	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	Comparisons with:			Comparisons with:			Comparisons with:		
														NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class
1 a. askquest	243	3.18	3.07	3.23	3.06	.053	.012	.018	.010	.83	.88	.83	.87	6,025	2,392	8,506	.056	.347	.045	.12	-.06	.13
b. drafts	243	2.50	2.47	2.57	2.43	.061	.014	.022	.011	.95	1.02	1.03	1.02	266	309	8,442	.653	.297	.245	.03	-.07	.08
c. unpreparedr	239	3.09	3.04	3.05	2.96	.046	.011	.017	.009	.71	.82	.80	.81	265	311	8,370	.276	.460	.021	.06	.05	.15
d. attendart	239	1.91	1.74	1.83	1.80	.057	.012	.020	.010	.89	.87	.90	.91	5,887	2,349	8,337	.003	.212	.070	.19	.09	.12
e. CLaskhelp	239	2.86	2.39	2.46	2.48	.058	.012	.019	.010	.89	.94	.89	.90	5,885	2,342	8,334	.000	.000	.000	.50	.45	.42
f. CLexplain	237	3.05	2.69	2.79	2.80	.053	.012	.019	.009	.82	.89	.85	.84	260	296	8,286	.000	.000	.000	.40	.31	.31
g. CLstudy	235	2.92	2.44	2.53	2.52	.060	.014	.022	.011	.92	1.04	.99	1.00	260	299	251	.000	.000	.000	.46	.39	.39
h. CLproject	234	3.24	2.78	2.94	2.90	.052	.013	.019	.010	.79	.97	.89	.90	263	2,318	8,240	.000	.000	.000	.48	.34	.37
i. present	235	3.11	2.55	2.84	2.68	.059	.013	.021	.011	.91	.99	.94	.96	258	2,299	250	.000	.000	.000	.57	.29	.45
2 a. RIntegrate	229	3.00	2.93	3.07	3.00	.058	.012	.018	.009	.87	.86	.82	.83	5,644	2,257	8,005	.178	.217	.974	.09	-.09	.00
b. RIsocietal	226	2.91	2.75	2.93	2.81	.056	.012	.020	.010	.84	.91	.89	.91	248	2,241	241	.007	.678	.090	.17	-.03	.11
c. RIdiverse	226	2.68	2.53	2.74	2.59	.062	.013	.022	.011	.93	.98	.97	.98	5,570	2,243	7,905	.030	.325	.183	.15	-.07	.09
d. Rlownview	222	2.98	2.82	2.89	2.84	.054	.012	.019	.010	.81	.85	.84	.85	241	2,233	235	.004	.116	.010	.19	.11	.17
e. Rlperspect	221	3.05	2.91	3.01	2.94	.053	.011	.019	.010	.79	.83	.84	.84	5,536	2,219	7,844	.015	.450	.061	.17	.05	.13
f. RInewview	223	3.04	2.91	2.99	2.92	.049	.011	.018	.009	.74	.80	.82	.81	245	2,221	238	.007	.384	.014	.17	.06	.15
g. Rlconnect	219	3.19	3.16	3.26	3.20	.048	.010	.016	.009	.71	.76	.73	.75	5,509	2,213	7,803	.534	.218	.872	.04	-.09	-.01
3 a. SFcareer	219	2.73	2.27	2.51	2.39	.064	.014	.022	.011	.95	.98	.99	.98	5,497	2,206	7,800	.000	.001	.000	.47	.23	.35
b. SFotherwork	217	2.33	1.84	2.02	1.93	.074	.014	.024	.012	1.09	1.00	1.05	1.02	231	262	227	.000	.000	.000	.49	.29	.39
c. SFdiscuss	216	2.47	2.06	2.29	2.17	.064	.013	.022	.011	.94	.96	.98	.96	5,473	2,194	7,773	.000	.009	.000	.43	.19	.31
d. SFperform	216	2.59	2.12	2.35	2.20	.061	.013	.021	.011	.90	.91	.96	.92	5,455	2,193	7,739	.000	.000	.000	.52	.25	.43
4 a. memorize	214	2.92	2.74	2.82	2.81	.057	.012	.020	.010	.83	.90	.91	.89	234	271	227	.002	.092	.044	.20	.11	.13
b. HOapply	210	3.11	3.14	3.20	3.12	.056	.011	.018	.009	.81	.81	.80	.82	5,429	2,189	7,728	.575	.109	.866	-.04	-.12	-.01
c. HOanalyze	212	3.06	3.08	3.16	3.07	.056	.012	.018	.010	.82	.83	.81	.84	5,434	2,187	7,715	.734	.092	.909	-.02	-.12	-.01
d. HOevaluate	211	2.96	2.91	3.05	2.91	.055	.012	.019	.010	.80	.89	.85	.88	231	2,192	224	.398	.138	.396	.05	-.11	.05
e. HOform	209	3.00	2.95	3.04	2.94	.055	.012	.019	.010	.80	.86	.85	.86	228	2,180	221	.385	.537	.333	.06	-.04	.06
5 a. ETgoals	210	3.06	3.15	3.26	3.14	.056	.011	.017	.009	.81	.79	.75	.79	5,432	2,201	7,737	.099	.000	.168	-.12	-.27	-.10
b. ETorganize	209	2.92	3.09	3.19	3.07	.058	.011	.018	.009	.84	.82	.80	.82	5,417	2,195	7,715	.003	.000	.007	-.21	-.33	-.19
c. ETexample	206	3.02	3.09	3.21	3.11	.061	.012	.018	.010	.88	.85	.82	.84	5,409	2,186	7,707	.294	.002	.148	-.07	-.22	-.10
d. ETdraftfb	210	2.69	2.70	2.89	2.75	.068	.014	.021	.011	.98	.99	.95	.97	5,410	2,188	7,702	.878	.003	.374	-.01	-.22	-.06
e. ETfeedback	208	2.69	2.80	2.97	2.81	.062	.013	.020	.011	.90	.92	.88	.91	5,387	2,179	7,677	.099	.000	.057	-.12	-.31	-.13

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### North Carolina Agricultural & Technical State University

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC A&T	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	Comparisons with:			Comparisons with:			Comparisons with:		
														NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class
6 a. QRconclude	209	2.83	2.71	2.67	2.65	.061	.013	.021	.011	.89	.94	.95	.95	227	261	221	.055	.017	.005	.13	.17	.19
b. QRproblem	209	2.70	2.47	2.52	2.43	.062	.014	.022	.011	.90	.98	.99	.98	228	264	222	.000	.008	.000	.24	.18	.27
c. QRevaluate	208	2.55	2.45	2.54	2.42	.064	.013	.022	.011	.93	.95	.96	.95	5,396	2,180	7,693	.159	.929	.063	.10	.01	.13
7 a. wrshortnum	193	6.59	6.89	7.45	7.25	.426	.092	.152	.079	5.92	6.33	6.49	6.54	4,908	2,003	7,012	.526	.080	.171	-.05	-.13	-.10
b. wrmednum	193	3.30	3.25	3.32	3.21	.295	.060	.094	.049	4.09	4.09	3.95	4.05	4,832	1,971	6,912	.881	.943	.767	.01	-.01	.02
c. wrlongnum	185	1.65	1.89	1.81	1.78	.237	.053	.077	.042	3.22	3.61	3.23	3.43	4,762	1,941	6,796	.370	.516	.608	-.07	-.05	-.04
— wrpages	185	70.99	72.96	73.58	72.03	5.921	1.296	1.929	1.043	80.46	86.60	79.64	83.75	4,645	1,888	6,635	.761	.675	.867	-.02	-.03	-.01
8 a. DDrace	196	2.90	3.00	3.09	3.03	.069	.014	.022	.011	.97	.97	.94	.95	5,018	2,070	7,177	.158	.008	.058	-.10	-.20	-.14
b. DDeconomic	196	3.05	3.02	3.12	3.06	.060	.013	.021	.011	.84	.92	.89	.90	5,000	2,063	7,157	.680	.277	.889	.03	-.08	-.01
c. DDreligion	195	2.80	2.98	3.03	2.98	.066	.014	.022	.011	.93	.96	.94	.95	4,994	2,058	7,151	.011	.001	.010	-.19	-.24	-.19
d. DDpolitical	194	2.70	3.01	3.06	3.00	.070	.014	.021	.011	.98	.94	.92	.94	208	230	203	.000	.000	.000	-.32	-.39	-.32
9 a. LSreading	195	3.22	3.18	3.26	3.16	.057	.012	.018	.010	.80	.80	.78	.81	4,989	2,049	7,141	.439	.520	.264	.06	-.05	.08
b. LSnotes	195	2.97	2.91	2.99	2.88	.063	.014	.021	.011	.87	.94	.91	.93	212	2,042	206	.282	.760	.158	.07	-.02	.10
c. LSsummary	192	2.97	2.89	3.00	2.86	.061	.013	.021	.011	.85	.92	.89	.91	4,926	2,015	7,054	.203	.695	.087	.09	-.03	.13
10. challenge	195	5.67	5.67	5.76	5.62	.089	.018	.027	.015	1.24	1.22	1.18	1.23	4,970	2,045	7,119	.923	.329	.517	.01	-.07	.05
11 a. intern <sup>l</sup>	193	.590	.454	.531	.490	.0355	.0072	.0116	.0060	--	--	--	--	--	--	--	.000	.122	.006	.27	.12	.20
b. leader <sup>l</sup>	193	.479	.320	.363	.343	.0360	.0068	.0112	.0057	--	--	--	--	--	--	--	.000	.002	.000	.33	.23	.28
c. learncom <sup>l</sup>	189	.386	.214	.277	.252	.0355	.0060	.0104	.0052	--	--	--	--	--	--	--	.000	.002	.000	.38	.23	.29
d. abroad <sup>l</sup>	190	.078	.099	.147	.108	.0195	.0043	.0083	.0037	--	--	--	--	--	--	--	.329	.009	.178	-.08	-.22	-.11
e. research <sup>l</sup>	192	.344	.230	.289	.232	.0344	.0061	.0106	.0051	--	--	--	--	--	--	--	.000	.113	.000	.25	.12	.25
f. capstone <sup>l</sup>	190	.654	.411	.574	.451	.0346	.0071	.0115	.0060	--	--	--	--	--	--	--	.000	.032	.000	.49	.17	.41
12. servcourse	192	1.86	1.70	1.83	1.73	.054	.010	.016	.008	.75	.71	.68	.70	4,925	2,035	7,065	.002	.565	.011	.22	.04	.19
13 a. Qlstudent	192	5.78	5.67	5.69	5.67	.094	.020	.030	.016	1.30	1.34	1.29	1.29	4,811	2,020	7,010	.299	.402	.241	.08	.06	.09
b. Qladvisor	192	5.36	5.17	5.33	5.12	.121	.026	.041	.022	1.68	1.79	1.75	1.78	4,873	2,030	6,995	.148	.801	.061	.11	.02	.14
c. Qlfaculty	193	5.23	5.44	5.67	5.45	.109	.021	.031	.017	1.52	1.42	1.31	1.40	4,862	223	6,999	.051	.000	.033	-.14	-.33	-.16
d. Qlstaff	176	4.58	4.85	5.17	4.88	.122	.029	.042	.023	1.62	1.77	1.65	1.72	3,871	1,702	5,828	.047	.000	.022	-.15	-.36	-.17
e. Qladmin	188	4.31	4.79	4.92	4.78	.129	.027	.041	.022	1.77	1.77	1.72	1.74	4,634	1,932	6,670	.000	.000	.000	-.27	-.35	-.27
14 a. empstudy	175	3.24	3.21	3.20	3.13	.059	.011	.018	.010	.78	.75	.75	.78	4,687	1,925	6,701	.557	.534	.067	.05	.05	.14
b. SEacademic	176	2.94	2.92	3.06	2.92	.064	.013	.020	.011	.85	.87	.83	.86	4,642	1,906	6,654	.759	.069	.722	.02	-.14	.03
c. SElearnsup	176	2.79	2.83	3.01	2.86	.072	.014	.022	.012	.96	.95	.92	.93	4,650	1,916	6,661	.535	.002	.290	-.05	-.24	-.08

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### North Carolina Agricultural & Technical State University

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC A&T	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T	NC A&T Peers	UNC-System Peers	Carnegie Class	Comparisons with:			Comparisons with:			Comparisons with:		
														NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class	NC A&T Peers	UNC-System Peers	Carnegie Class
d. SEdiverse	174	2.60	2.56	2.63	2.56	.075	.015	.024	.012	.98	1.00	.99	1.00	4,640	1,913	6,652	.589	.703	.588	.04	-.03	.04
e. SEsocial	176	2.89	2.82	2.97	2.88	.072	.014	.021	.011	.96	.93	.89	.90	4,641	1,914	6,650	.319	.280	.867	.08	-.09	.01
f. SEwellness	175	2.88	2.75	2.91	2.77	.071	.015	.023	.012	.95	.98	.97	.95	189	1,905	6,634	.076	.695	.140	.13	-.03	.11
g. SEnonacad	175	2.22	2.05	2.19	2.06	.078	.015	.025	.012	1.03	.99	1.03	.99	4,622	1,905	183	.023	.674	.044	.18	.03	.16
h. SEactivities	173	2.88	2.66	2.79	2.70	.071	.015	.024	.012	.94	1.00	.98	.96	187	1,901	181	.003	.242	.011	.22	.09	.19
i. SEevents	175	2.67	2.40	2.56	2.43	.074	.015	.024	.012	.98	.97	.98	.96	4,597	1,902	6,597	.000	.178	.001	.28	.11	.24
15 a. tmprephrs	173	13.50	15.21	14.58	14.34	.666	.134	.210	.110	8.75	8.94	8.75	8.79	4,617	1,911	6,608	.014	.121	.211	-.19	-.12	-.10
b. tmcocurrhrs	171	5.59	4.35	4.50	4.40	.573	.099	.161	.081	7.49	6.57	6.71	6.51	180	198	177	.034	.069	.041	.19	.16	.18
c. tmworkonhrs	171	4.57	3.49	3.25	3.97	.554	.110	.167	.095	7.24	7.30	6.97	7.62	4,596	202	6,581	.057	.024	.311	.15	.19	.08
d. tmworkoffhrs	173	11.25	13.01	12.10	11.89	.953	.205	.317	.161	12.54	13.62	13.18	12.91	188	1,895	6,572	.072	.414	.519	-.13	-.07	-.05
— tmworkhrs	171	15.90	16.39	15.31	15.75	.965	.205	.322	.164	12.61	13.56	13.35	13.07	185	210	6,526	.619	.563	.885	-.04	.04	.01
e. tmservicehrs	171	5.17	3.09	3.66	3.19	.501	.082	.149	.068	6.56	5.44	6.20	5.46	180	202	177	.000	.004	.000	.38	.24	.36
f. tmrelaxhrs	171	9.01	10.23	10.67	10.66	.534	.119	.199	.101	6.99	7.89	8.26	8.05	188	220	183	.027	.004	.003	-.16	-.20	-.21
g. tmcarehrs	172	5.32	7.45	6.32	5.67	.803	.179	.274	.133	10.52	11.89	11.36	10.63	188	1,894	6,563	.010	.267	.671	-.18	-.09	-.03
h. tmcommutehrs	173	5.75	4.92	4.69	5.13	.527	.087	.138	.069	6.93	5.81	5.76	5.53	181	196	178	.120	.053	.245	.14	.18	.11
16. reading	173	2.61	2.82	2.91	2.77	.085	.018	.028	.015	1.12	1.20	1.17	1.19	4,600	1,905	6,588	.026	.002	.081	-.17	-.25	-.13
— tmreadinghrs	173	6.02	7.25	7.23	6.70	.462	.098	.152	.078	6.07	6.53	6.32	6.21	4,576	1,896	6,551	.015	.016	.153	-.19	-.19	-.11
17 a. pgwrite	172	3.12	2.98	3.12	2.97	.066	.014	.021	.012	.87	.92	.89	.92	4,609	1,907	6,599	.045	.972	.035	.16	.00	.16
b. pgspeak	174	3.20	2.86	3.04	2.90	.069	.015	.022	.012	.91	.97	.92	.95	4,592	1,900	6,573	.000	.028	.000	.34	.18	.31
c. pgthink	174	3.42	3.28	3.34	3.27	.063	.012	.019	.010	.83	.81	.78	.81	4,600	1,904	6,583	.032	.250	.015	.17	.09	.19
d. pganalyze	174	3.13	2.94	2.89	2.85	.071	.015	.023	.012	.94	.97	.97	.98	4,591	1,904	6,575	.010	.002	.000	.20	.25	.29
e. pgwork	174	3.14	2.92	3.05	2.94	.067	.015	.023	.012	.89	.98	.96	.97	4,598	1,904	6,578	.003	.213	.007	.23	.10	.21
f. pgothers	174	3.29	3.00	3.15	3.04	.066	.014	.021	.011	.86	.92	.86	.90	4,588	1,900	6,571	.000	.043	.000	.32	.16	.28
g. pgvalues	172	3.01	2.76	2.90	2.77	.071	.015	.024	.013	.93	1.02	.99	1.02	187	1,901	182	.001	.156	.001	.25	.11	.24
h. pgdiverse	172	3.06	2.73	2.87	2.76	.071	.015	.024	.013	.94	1.01	.99	1.00	187	212	182	.000	.012	.000	.33	.19	.30
i. pgprobsolve	172	3.08	2.82	2.93	2.81	.074	.015	.023	.012	.97	.97	.96	.97	4,586	1,898	6,576	.001	.054	.000	.26	.15	.28
j. pgcitizen	172	2.98	2.62	2.81	2.64	.071	.015	.024	.013	.93	1.01	1.01	1.01	186	212	182	.000	.026	.000	.36	.17	.34
18. evalexp	172	3.20	3.21	3.31	3.21	.062	.012	.019	.010	.82	.78	.78	.77	4,604	1,905	6,601	.825	.070	.919	-.02	-.14	-.01
19. sameinst	172	3.32	3.23	3.27	3.22	.062	.013	.020	.010	.82	.84	.85	.84	4,611	1,913	6,619	.180	.519	.130	.10	.05	.12

### Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a  $z$ -test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent  $t$ -tests uses Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . See page 2 for more details.
- f. Statistical comparison uses  $z$ -test to compare the percentage who responded "Done or in progress."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the  $t$ -tests. Values differ from  $N$ s due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent  $t$ -tests or  $z$ -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress."