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# **NSSE 2016**

## **Frequencies and Statistical Comparisons**

University of North Carolina at Charlotte

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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>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup> <i>Your seniors compared with</i>							
				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 <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 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

## University of North Carolina at Charlotte

### 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 Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	30	4	301	5	1,323	4	429	4	<b>2.7</b>	2.7	-.04	2.8 *	-.08	2.7	-.04
		2	Sometimes	287	41	2,370	38	12,688	38	3,760	40							
		3	Often	245	34	2,004	35	11,090	35	3,094	33							
		4	Very often	147	21	1,239	22	7,358	23	2,072	23							
		Total		709	100	5,914	100	32,459	100	9,355	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	128	19	818	14	5,530	17	1,586	18	<b>2.4</b>	2.6 ***	-.21	2.5 **	-.10	2.5 ***	-.13
		2	Sometimes	258	37	1,998	33	11,198	34	2,989	32							
		3	Often	210	30	1,823	32	9,419	29	2,782	30							
		4	Very often	109	14	1,234	21	5,999	19	1,916	20							
		Total		705	100	5,873	100	32,146	100	9,273	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	38	5	380	7	1,878	6	563	6	<b>3.0</b>	2.9 *	.09	3.0	.07	3.0	.07
		2	Often	78	12	894	15	4,695	15	1,327	15							
		3	Sometimes	411	59	3,235	55	18,101	57	5,164	56							
		4	Never	175	24	1,321	23	7,304	23	2,154	23							
		Total		702	100	5,830	100	31,978	100	9,208	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	346	50	2,715	46	11,399	37	3,334	36	<b>1.7</b>	1.8 **	-.12	2.0 ***	-.27	2.0 ***	-.29
		2	Sometimes	237	34	1,963	34	12,611	39	3,625	39							
		3	Often	86	11	740	13	5,159	16	1,423	15							
		4	Very often	32	5	386	7	2,670	8	798	9							
		Total		701	100	5,804	100	31,839	100	9,180	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	46	7	487	9	2,304	8	752	9	<b>2.7</b>	2.6	.07	2.7	.01	2.6	.06
		2	Sometimes	263	38	2,193	39	11,705	38	3,487	39							
		3	Often	255	37	2,018	34	11,505	35	3,254	35							
		4	Very often	134	18	1,076	18	6,242	19	1,658	18							
		Total		698	100	5,774	100	31,756	100	9,151	100							
f. Explained course material to one or more students	CLexplain	1	Never	20	3	273	5	1,126	4	393	4	<b>2.8</b>	2.7 **	.12	2.8	.07	2.7 **	.12
		2	Sometimes	237	34	2,110	37	11,352	36	3,416	38							
		3	Often	291	42	2,257	39	12,814	40	3,577	39							
		4	Very often	150	21	1,094	19	6,305	20	1,709	19							
		Total		698	100	5,734	100	31,597	100	9,095	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

## University of North Carolina at Charlotte

### 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>									
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's			
				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	69	10	822	15	3,908	13	1,223	14	<b>2.7</b>	2.6 **	.10	2.6 *	.08	2.5 **	.13			
		2	Sometimes	238	34	1,921	33	11,007	35	3,277	36								△	△	△
		3	Often	239	35	1,814	31	10,039	31	2,790	31										
		4	Very often	149	21	1,184	20	6,587	21	1,786	19										
		Total		695	100	5,741	100	31,541	100	9,076	100										
h. Worked with other students on course projects or assignments	CLproject	1	Never	38	5	375	7	2,062	7	697	8	<b>2.8</b>	2.7 **	.12	2.7 **	.12	2.6 ***	.19			
		2	Sometimes	234	33	2,196	39	12,220	39	3,612	40								△	△	△
		3	Often	284	42	2,077	36	11,314	36	3,175	35										
		4	Very often	138	20	1,059	19	5,784	18	1,552	17										
		Total		694	100	5,707	100	31,380	100	9,036	100										
i. Given a course presentation	present	1	Never	151	21	1,015	18	6,401	20	2,073	24	<b>2.2</b>	2.3 *	-.10	2.2	-.04	2.2	.06			
		2	Sometimes	323	46	2,581	45	14,436	45	4,071	45								▽		
		3	Often	158	23	1,480	26	7,462	25	2,057	23										
		4	Very often	63	9	615	11	2,976	10	799	8										
		Total		695	100	5,691	100	31,275	100	9,000	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	60	9	381	7	2,000	7	638	7	<b>2.6</b>	2.7 *	-.10	2.6 *	-.09	2.6	-.06			
		2	Sometimes	271	39	2,140	38	11,824	39	3,438	39								▽	▽	
		3	Often	255	38	2,036	37	11,402	37	3,197	37										
		4	Very often	95	14	1,002	18	5,243	17	1,472	17										
		Total		681	100	5,559	100	30,469	100	8,745	100										
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	53	9	483	9	2,587	9	800	9	<b>2.5</b>	2.6	-.06	2.6	-.05	2.6	-.05			
		2	Sometimes	278	42	2,092	38	11,934	40	3,376	39										
		3	Often	243	35	2,007	36	10,798	35	3,096	36										
		4	Very often	97	14	931	16	4,916	16	1,404	16										
		Total		671	100	5,513	100	30,235	100	8,676	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	53	9	581	11	3,185	11	912	11	<b>2.6</b>	2.6	.01	2.6	.03	2.6	.01			
		2	Sometimes	256	39	2,129	38	11,917	40	3,326	38										
		3	Often	261	37	1,835	33	10,004	33	2,922	34										
		4	Very often	104	15	950	17	5,028	17	1,492	17										
		Total		674	100	5,495	100	30,134	100	8,652	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	31	5	255	5	1,513	5	458	5	2.7	2.8	-0.08	2.8	-0.04	2.8	-0.05
		2	Sometimes	215	32	1,751	31	9,866	33	2,788	32							
		3	Often	328	48	2,364	43	12,884	43	3,649	43							
		4	Very often	101	15	1,110	21	5,709	19	1,703	20							
		Total		675	100	5,480	100	29,972	100	8,598	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	31	5	187	3	1,054	4	300	4	2.8	2.9	-0.07	2.9	-0.04	2.9	-0.05
		2	Sometimes	179	27	1,598	29	8,718	29	2,482	29							
		3	Often	307	46	2,286	41	12,954	43	3,618	42							
		4	Very often	153	22	1,393	27	7,133	24	2,172	25							
		Total		670	100	5,464	100	29,859	100	8,572	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	34	5	160	3	909	3	276	3	2.8	2.9 **	-0.14	2.8 *	-0.10	2.8 *	-0.08
		2	Sometimes	212	33	1,628	30	9,259	32	2,735	32							
		3	Often	283	43	2,388	44	12,811	43	3,616	42							
		4	Very often	135	19	1,282	23	6,755	22	1,916	22							
		Total		664	100	5,458	100	29,734	100	8,543	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	14	2	83	2	420	2	136	2	3.0	3.0	-0.06	3.0	-0.06	3.0	-0.03
		2	Sometimes	154	23	1,218	22	6,408	22	2,007	24							
		3	Often	305	46	2,536	46	13,875	46	3,863	46							
		4	Very often	190	28	1,594	30	8,906	30	2,481	29							
		Total		663	100	5,431	100	29,609	100	8,487	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	124	19	1,207	23	6,961	23	1,763	22	2.2	2.2	-0.03	2.2	.03	2.2	-0.03
		2	Sometimes	329	50	2,333	43	13,481	45	3,755	44							
		3	Often	138	21	1,230	23	6,207	21	2,050	23							
		4	Very often	68	10	670	12	2,982	10	944	11							
		Total		659	100	5,440	100	29,631	100	8,512	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	360	55	2,823	52	15,372	51	4,230	50	1.7	1.7 *	-0.09	1.7 *	-0.09	1.8 **	-0.12
		2	Sometimes	194	30	1,524	28	8,835	30	2,538	30							
		3	Often	68	11	735	13	3,606	12	1,161	14							
		4	Very often	31	5	348	6	1,720	6	550	6							
		Total		653	100	5,430	100	29,533	100	8,479	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

## University of North Carolina at Charlotte

### 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>							
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's				
				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	269	41	1,912	35	10,018	33	2,917	34	<b>1.8</b>	2.0 ***	-0.16	2.0 ***	-0.16	2.0 ***	-0.15	
		2	Sometimes	256	39	2,153	40	12,567	42	3,492	41								
		3	Often	94	15	936	17	4,884	17	1,446	17								
		4	Very often	32	5	410	8	1,975	7	611	7								
		Total		651	100	5,411	100	29,444	100	8,466	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	160	25	1,371	25	8,113	27	2,175	26	<b>2.1</b>	2.1 *	-0.08	2.1	-0.02	2.1	-0.05	
		2	Sometimes	321	49	2,397	44	13,610	46	3,862	45								
		3	Often	125	20	1,142	21	5,465	19	1,685	20								
		4	Very often	40	6	483	9	2,217	8	726	9								
		Total		646	100	5,393	100	29,405	100	8,448	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	15	2	181	4	1,023	4	213	3	<b>3.0</b>	3.0	.02	3.0	.06	3.0	-0.01	
		2	Some	130	21	1,158	22	6,978	24	1,851	22								
		3	Quite a bit	316	50	2,396	44	13,062	44	3,765	45								
		4	Very much	183	27	1,679	30	8,398	28	2,624	30								
		Total		644	100	5,414	100	29,461	100	8,453	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	24	4	202	4	982	4	332	4	<b>3.0</b>	3.0	-0.02	3.0	-0.01	2.9	.04	
		2	Some	142	22	1,226	23	6,608	23	2,095	25								
		3	Quite a bit	319	50	2,440	46	13,491	45	3,812	46								
		4	Very much	159	25	1,510	28	8,245	28	2,173	25								
		Total		644	100	5,378	100	29,326	100	8,412	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	20	3	209	4	1,052	4	346	4	<b>2.9</b>	3.0	-0.04	3.0	-0.02	2.9	.02	
		2	Some	166	26	1,317	25	7,236	25	2,139	26								
		3	Quite a bit	289	46	2,289	43	12,810	44	3,675	45								
		4	Very much	166	25	1,542	29	8,038	27	2,194	26								
		Total		641	100	5,357	100	29,136	100	8,354	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	24	4	208	4	1,238	4	349	4	<b>2.9</b>	2.9	-0.06	2.9	-0.01	2.9	-0.01	
		2	Some	173	28	1,365	25	7,973	27	2,232	27								
		3	Quite a bit	284	44	2,345	44	12,752	44	3,684	44								
		4	Very much	162	24	1,448	27	7,196	25	2,102	25								
		Total		643	100	5,366	100	29,159	100	8,367	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

## University of North Carolina at Charlotte

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#### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	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	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	32	5	245	5	1,364	5	401	5	<b>2.9</b>	2.9	-0.05	2.9	.00	2.9	.00
		2	Some	167	27	1,408	27	8,247	29	2,342	28							
		3	Quite a bit	288	45	2,281	42	12,458	42	3,575	43							
		4	Very much	155	23	1,405	26	7,018	24	2,014	24							
		Total		642	100	5,339	100	29,087	100	8,332	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	16	3	107	2	593	2	163	2	<b>3.0</b>	3.1 **	-0.12	3.1	-0.07	3.1 *	-0.09
		2	Some	143	21	1,095	20	5,851	20	1,726	20							
		3	Quite a bit	307	49	2,376	44	13,588	46	3,775	45							
		4	Very much	180	27	1,804	34	9,226	31	2,732	32							
		Total		646	100	5,382	100	29,258	100	8,396	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	26	4	203	4	883	3	273	3	<b>2.9</b>	3.0 **	-0.13	3.0 ***	-0.14	3.0 ***	-0.15
		2	Some	166	25	1,150	21	5,872	21	1,761	21							
		3	Quite a bit	292	47	2,404	44	13,810	47	3,782	45							
		4	Very much	161	24	1,606	31	8,616	29	2,556	31							
		Total		645	100	5,363	100	29,181	100	8,372	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	27	4	223	4	936	3	303	4	<b>3.0</b>	3.0	-0.07	3.0 *	-0.08	3.0 *	-0.08
		2	Some	151	24	1,208	22	6,213	22	1,849	22							
		3	Quite a bit	276	43	2,185	41	12,419	42	3,441	41							
		4	Very much	187	29	1,741	33	9,535	32	2,755	33							
		Total		641	100	5,357	100	29,103	100	8,348	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	58	9	389	7	2,471	8	629	7	<b>2.6</b>	2.9 ***	-0.26	2.8 ***	-0.18	2.8 ***	-0.23
		2	Some	239	38	1,556	28	8,832	30	2,450	29							
		3	Quite a bit	224	34	1,930	35	10,600	36	3,018	36							
		4	Very much	120	19	1,482	29	7,210	25	2,259	27							
		Total		641	100	5,357	100	29,113	100	8,356	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	71	10	539	10	2,860	10	840	10	<b>2.5</b>	2.7 ***	-0.19	2.7 ***	-0.16	2.7 ***	-0.18
		2	Some	244	39	1,700	31	9,677	32	2,664	31							
		3	Quite a bit	232	37	1,917	36	10,528	36	2,953	36							
		4	Very much	92	14	1,177	23	5,938	21	1,858	23							
		Total		639	100	5,333	100	29,003	100	8,315	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

## University of North Carolina at Charlotte

### 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 Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	68	10	547	10	3,353	11	942	11	<b>2.6</b>	2.6	-0.02	2.6	.01	2.6	.01
		2	Sometimes	226	33	1,854	34	10,269	34	2,944	35							
		3	Often	254	41	2,036	38	10,604	37	3,049	37							
		4	Very often	96	16	938	18	4,942	18	1,432	18							
		Total		644	100	5,375	100	29,168	100	8,367	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	132	19	944	18	6,156	21	1,721	20	<b>2.3</b>	2.4	-0.07	2.3	.01	2.3	.00
		2	Sometimes	258	39	2,129	40	11,703	40	3,313	40							
		3	Often	188	31	1,574	29	7,969	28	2,304	28							
		4	Very often	59	10	715	13	3,270	12	999	12							
		Total		637	100	5,362	100	29,098	100	8,337	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	130	19	915	17	5,587	19	1,715	20	<b>2.3</b>	2.4 **	-0.12	2.3	-0.07	2.3	-0.06
		2	Sometimes	296	47	2,214	42	12,216	42	3,414	41							
		3	Often	162	26	1,585	30	8,166	28	2,264	28							
		4	Very often	51	9	631	12	3,063	11	926	11							
		Total		639	100	5,345	100	29,032	100	8,319	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	37	6	204	4	1,170	5	430	6	<b>6.6</b>	6.1 *	.11	6.6	-0.01	6.1	.09
		1.5	1-2	133	22	1,017	21	5,100	20	1,582	21							
		4	3-5	181	31	1,722	36	8,509	32	2,514	34							
		8	6-10	113	20	1,175	24	6,607	25	1,824	24							
		13	11-15	63	11	454	10	2,625	10	600	8							
		18	16-20	21	3	152	3	1,237	4	296	4							
		23	More than 20	35	6	133	3	1,340	5	259	4							
		Total		583	100	4,857	100	26,588	100	7,505	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	236	41	1,738	37	8,322	32	2,671	36	<b>1.9</b>	2.1	-0.07	2.2 *	-0.10	2.0	-0.05
		1.5	1-2	197	35	1,859	39	10,876	41	2,900	40							
		4	3-5	98	18	760	16	4,679	18	1,188	16							
		8	6-10	19	4	277	6	1,515	6	433	6							
		13	11-15	10	2	62	1	387	2	89	1							
		18	16-20	2	0	15	0	101	0	24	0							
		23	More than 20	2	0	25	1	113	0	28	0							
Total		564	100	4,736	100	25,993	100	7,333	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

## University of North Carolina at Charlotte

### 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>							
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's				
				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	449	80	3,587	77	19,530	76	5,744	80	<b>.8</b>	.8	-.02	.8	-.01	.7	.01	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	66	13	756	17	4,367	17	1,002	14								
		4	3-5	21	4	125	3	759	3	184	3								
		8	6-10	11	2	85	2	382	2	108	2								
		13	11-15	5	1	48	1	225	1	73	1								
		18	16-20	2	0	16	0	71	0	16	0								
		23	More than 20	2	0	17	0	112	0	33	0								
		Total		556	100	4,634	100	25,446	100	7,160	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>45.1</b>	45.2	.00	47.5	-.04	43.6	.03	
<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	15	3	232	4	1,347	5	365	5	<b>3.2</b>	3.2	.06	3.0 ***	.19	3.1 ***	.14	
		2	Sometimes	105	19	980	20	6,908	25	1,732	23								
		3	Often	195	33	1,551	32	8,350	31	2,406	32								
		4	Very often	270	45	2,143	44	10,154	38	3,084	40								
			Total	585	100	4,906	100	26,759	100	7,587	100								
b. People from an economic background other than your own	DDeconomic	1	Never	17	3	256	5	1,182	5	350	5	<b>3.1</b>	3.1	.04	3.0 *	.09	3.1	.06	
		2	Sometimes	120	21	1,052	21	6,291	23	1,669	22								
		3	Often	208	35	1,659	34	9,547	36	2,635	35								
		4	Very often	241	40	1,927	40	9,661	37	2,908	38								
			Total	586	100	4,894	100	26,681	100	7,562	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	26	5	353	7	2,288	7	481	6	<b>3.0</b>	3.0	.04	3.0 *	.09	3.0	.05	
		2	Sometimes	138	24	1,146	23	7,069	25	1,828	24								
		3	Often	193	33	1,515	31	8,130	32	2,408	32								
		4	Very often	225	38	1,878	38	9,182	36	2,847	37								
			Total	582	100	4,892	100	26,669	100	7,564	100								
d. People with political views other than your own	DDpolitical	1	Never	26	5	358	7	1,630	6	452	6	<b>3.1</b>	3.0	.07	3.0 *	.09	3.0	.05	
		2	Sometimes	123	22	1,166	24	7,062	26	1,825	24								
		3	Often	216	37	1,575	32	8,816	33	2,498	33								
		4	Very often	217	37	1,776	37	9,079	35	2,756	37								
			Total	582	100	4,875	100	26,587	100	7,531	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

## University of North Carolina at Charlotte

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's	
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	1	108	2	397	2	129	2	<b>5.4</b>	5.4	.04	5.5	-.04	5.5	-.02	
		2		15	3	104	2	499	2	143	2								
		3		27	5	284	6	1,216	5	355	5								
		4		61	10	634	14	2,928	11	888	12								
		5		164	29	1,212	25	6,540	25	1,869	25								
		6		167	30	1,216	25	7,621	29	2,089	28								
		7	Excellent	130	22	1,245	26	6,952	26	1,944	26								
		—	Not applicable	1	0	40	1	142	1	51	1								
			Total	570	100	4,843	100	26,295	100	7,468	100								
<b>b. Academic advisors</b>																			
	QIadvisor	1	Poor	19	4	227	5	1,059	4	310	4	<b>5.1</b>	5.0	.04	5.1	-.02	5.1	-.03	
		2		33	6	290	6	1,361	5	403	5								
		3		43	8	453	9	2,164	8	624	8								
		4		87	16	719	15	3,588	13	1,025	14								
		5		122	22	916	19	5,221	20	1,414	19								
		6		121	20	955	20	5,498	21	1,560	21								
		7	Excellent	139	24	1,170	25	6,504	26	1,966	27								
		—	Not applicable	5	1	93	2	844	3	145	2								
			Total	569	100	4,823	100	26,239	100	7,447	100								
<b>c. Faculty</b>																			
	QIfaculty	1	Poor	9	2	134	3	532	2	183	2	<b>5.1</b>	5.0	.01	5.2 *	-.08	5.2	-.07	
		2		20	3	231	4	881	4	277	4								
		3		31	5	447	9	1,821	7	602	8								
		4		118	20	737	15	3,611	14	1,012	13								
		5		173	31	1,223	26	6,948	26	1,927	26								
		6		139	24	1,161	24	7,297	28	1,952	27								
		7	Excellent	78	14	803	18	4,773	18	1,379	19								
		—	Not applicable	0	0	60	1	254	1	74	1								
			Total	568	100	4,796	100	26,117	100	7,406	100								

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# NSSE 2016 Frequencies and Statistical Comparisons

## University of North Carolina at Charlotte

### 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>							
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's				
				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	19	3	251	5	1,080	4	324	4	<b>5.0</b>	4.8 *** △	.15	5.0	.06	5.0	.04	
		2		28	5	312	6	1,283	5	380	5								
		3		29	5	417	8	1,943	7	549	7								
		4		88	16	645	13	3,650	14	1,040	14								
		5		122	21	998	21	5,598	21	1,576	21								
		6		135	24	878	18	5,696	22	1,628	22								
		7	Excellent	94	17	753	16	4,642	18	1,355	18								
		—	Not applicable	52	9	562	12	2,269	9	577	8								
	Total			567	100	4,816	100	26,161	100	7,429	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	27	5	277	6	1,250	5	378	5	<b>4.8</b>	4.7	.05	4.8	-.02	4.8	-.02	
		2		25	4	347	7	1,472	6	459	6								
		3		49	8	478	9	2,144	8	621	8								
		4		96	16	754	16	3,966	15	1,173	16								
		5		121	22	1,005	21	5,636	21	1,574	21								
		6		99	17	858	17	5,294	20	1,491	20								
		7	Excellent	81	14	760	17	4,294	16	1,259	17								
		—	Not applicable	72	13	339	7	2,142	8	483	7								
	Total			570	100	4,818	100	26,198	100	7,438	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	9	2	88	2	368	2	117	2	<b>3.2</b>	3.2	.02	3.2	.00	3.2	.05	
		2	Some	74	14	717	16	3,601	16	1,127	17								
		3	Quite a bit	241	47	1,918	43	10,852	45	3,149	46								
		4	Very much	201	37	1,779	38	9,888	38	2,546	36								
			Total			525	100	4,502	100	24,709	100								6,939
b. Providing support to help students succeed academically	SEacademic	1	Very little	20	4	170	4	809	4	241	4	<b>3.1</b>	3.1	.06	3.1	.05	3.1	.03	
		2	Some	82	16	932	21	4,790	20	1,344	20								
		3	Quite a bit	232	44	1,764	40	10,032	41	2,777	41								
		4	Very much	187	36	1,605	35	8,881	35	2,508	36								
			Total			521	100	4,471	100	24,512	100								6,870
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	25	5	267	6	1,201	5	366	6	<b>3.2</b>	3.1	.06	3.1	.07	3.1	.06	
		2	Some	71	15	752	17	4,217	18	1,179	17								
		3	Quite a bit	202	39	1,567	35	8,974	37	2,428	36								
		4	Very much	220	41	1,866	42	10,084	40	2,889	41								
			Total			518	100	4,452	100	24,476	100								6,862

\*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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	45	8	488	11	2,997	12	714	11	<b>2.8</b>	2.8	.01	2.7	.07	2.8	-.01
		2	Some	149	30	1,266	28	7,413	30	1,937	28							
		3	Quite a bit	191	37	1,500	33	8,025	33	2,293	33							
		4	Very much	134	25	1,214	28	6,061	25	1,923	28							
		Total		519	100	4,468	100	24,496	100	6,867	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	30	6	295	7	1,293	6	344	5	<b>3.0</b>	3.0	.02	3.0	-.03	3.0	-.05
		2	Some	113	22	1,067	23	5,309	22	1,504	22							
		3	Quite a bit	209	41	1,637	37	9,453	39	2,575	38							
		4	Very much	165	31	1,457	33	8,395	34	2,426	35							
		Total		517	100	4,456	100	24,450	100	6,849	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	25	5	304	7	1,471	6	371	6	<b>3.0</b>	3.0	-.01	3.0	-.01	3.0	-.05
		2	Some	112	22	1,015	22	5,319	22	1,461	22							
		3	Quite a bit	228	45	1,637	37	9,334	38	2,589	38							
		4	Very much	152	29	1,485	34	8,263	33	2,418	35							
		Total		517	100	4,441	100	24,387	100	6,839	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	116	22	928	21	5,064	21	1,308	20	<b>2.3</b>	2.4 ***	-.16	2.4 **	-.12	2.4 ***	-.19
		2	Some	210	41	1,527	34	8,720	36	2,311	34							
		3	Quite a bit	135	26	1,194	27	6,787	28	2,028	30							
		4	Very much	57	11	797	18	3,831	16	1,188	17							
		Total		518	100	4,446	100	24,402	100	6,835	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	50	10	400	9	1,672	7	401	6	<b>2.8</b>	2.8	.01	2.9	-.07	3.0 *	-.12
		2	Some	120	23	1,210	27	6,000	25	1,619	24							
		3	Quite a bit	196	39	1,600	36	9,244	38	2,617	38							
		4	Very much	151	28	1,228	28	7,407	30	2,179	31							
		Total		517	100	4,438	100	24,323	100	6,816	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	87	17	732	16	3,409	14	886	13	<b>2.4</b>	2.6 *	-.10	2.6 **	-.14	2.6 ***	-.17
		2	Some	183	36	1,492	34	8,225	33	2,187	32							
		3	Quite a bit	168	32	1,313	30	7,915	33	2,304	34							
		4	Very much	77	15	889	21	4,735	20	1,420	20							
		Total		515	100	4,426	100	24,284	100	6,797	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	0	0 hrs	2	1	41	1	118	1	49	1	<b>14.8</b>	13.7 ** △	.12	14.7	.00	13.8 ** △	.12
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	55	10	671	16	2,764	12	932	14							
		8	6-10 hrs	128	25	1,086	24	5,389	23	1,724	26							
		13	11-15 hrs	121	23	936	21	5,344	22	1,553	23							
		18	16-20 hrs	98	19	833	18	4,750	19	1,240	18							
		23	21-25 hrs	58	11	444	10	2,939	11	694	10							
		28	26-30 hrs	25	5	243	5	1,591	6	357	5							
		33	More than 30 hrs	31	6	217	5	1,537	6	306	5							
	Total			518	100	4,471	100	24,432	100	6,855	100							
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	184	36	1,737	40	7,612	32	2,269	33	<b>4.6</b>	5.2	-.08	5.5 *** ▽	-.14	5.4 ** ▽	-.13
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	193	37	1,315	29	8,392	33	2,250	32							
		8	6-10 hrs	65	12	633	14	4,091	17	1,100	16							
		13	11-15 hrs	35	7	327	7	2,018	9	586	9							
		18	16-20 hrs	24	5	223	5	1,207	5	351	5							
		23	21-25 hrs	9	2	111	3	504	2	127	2							
		28	26-30 hrs	0	0	50	1	187	1	51	1							
		33	More than 30 hrs	3	1	55	1	279	1	79	1							
	Total			513	100	4,451	100	24,290	100	6,813	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	448	87	3,610	81	19,282	81	5,629	82	<b>1.5</b>	2.5 *** ▽	-.17	2.4 *** ▽	-.15	2.3 *** ▽	-.14
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	2	99	2	793	3	156	2							
		8	6-10 hrs	20	4	217	5	1,473	6	347	5							
		13	11-15 hrs	21	4	236	5	1,236	5	302	5							
		18	16-20 hrs	11	2	194	4	1,133	4	242	3							
		23	21-25 hrs	2	1	50	1	259	1	91	1							
		28	26-30 hrs	1	0	19	0	75	0	18	0							
		33	More than 30 hrs	1	0	27	1	106	0	41	1							
	Total			515	100	4,452	100	24,357	100	6,826	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	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	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	347	68	2,656	59	17,645	72	4,754	70	<b>5.4</b>	7.1 *** ▽	-0.17	4.4 * △	.11	4.8	.06
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	20	4	218	5	1,103	5	300	5							
		8	6-10 hrs	27	5	247	6	1,155	5	342	5							
		13	11-15 hrs	33	7	291	6	1,119	5	362	5							
		18	16-20 hrs	32	6	376	9	1,295	5	394	6							
		23	21-25 hrs	22	4	298	7	848	4	295	4							
		28	26-30 hrs	15	3	155	3	484	2	168	2							
		33	More than 30 hrs	17	3	204	5	617	3	190	3							
	Total			513	100	4,445	100	24,266	100	6,805	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											<b>6.8</b>	9.6 *** ▽	-0.23	6.7	.01	7.0	-0.02
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	300	60	2,470	56	13,277	56	3,659	55	<b>2.7</b>	2.9	-0.04	2.5	.06	2.7	.01
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	139	25	1,257	28	8,153	32	2,204	31							
		8	6-10 hrs	32	7	333	8	1,491	6	475	7							
		13	11-15 hrs	27	5	157	4	569	3	200	3							
		18	16-20 hrs	4	1	96	2	352	2	117	2							
		23	21-25 hrs	3	1	49	1	173	1	59	1							
		28	26-30 hrs	1	0	19	0	61	0	21	0							
		33	More than 30 hrs	5	1	22	0	87	0	31	1							
	Total			511	100	4,403	100	24,163	100	6,766	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	10	2	90	2	363	2	112	2	<b>12.6</b>	12.2	.05	12.5	.01	12.7	-0.01
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	98	18	985	22	4,868	20	1,400	20							
		8	6-10 hrs	143	27	1,199	27	6,831	27	1,832	27							
		13	11-15 hrs	113	23	891	20	5,158	21	1,426	21							
		18	16-20 hrs	71	14	596	14	3,295	14	935	14							
		23	21-25 hrs	44	9	307	7	1,652	7	480	7							
		28	26-30 hrs	11	2	128	3	725	3	198	3							
		33	More than 30 hrs	25	5	239	6	1,338	6	413	7							
	Total			515	100	4,435	100	24,230	100	6,796	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	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	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	408	80	3,059	68	19,377	79	5,366	79	<b>1.6</b>	3.2 *** ▽	-.24	2.2 * ▽	-.09	2.2 * ▽	-.09
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	55	10	614	14	2,269	10	668	10							
		8	6-10 hrs	25	5	288	7	946	4	271	4							
		13	11-15 hrs	14	3	175	4	595	3	192	3							
		18	16-20 hrs	6	1	127	3	375	2	112	2							
		23	21-25 hrs	0	0	61	1	194	1	51	1							
		28	26-30 hrs	1	0	23	1	84	0	19	0							
		33	More than 30 hrs	5	1	82	2	356	2	115	2							
	Total			514	100	4,429	100	24,196	100	6,794	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	200	38	1,236	27	8,610	36	2,186	33	<b>3.9</b>	5.2 *** ▽	-.22	4.1	-.04	4.3	-.07
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	196	38	1,815	40	10,431	41	2,986	43							
		8	6-10 hrs	80	16	825	19	3,128	13	943	14							
		13	11-15 hrs	18	4	287	7	1,046	5	331	5							
		18	16-20 hrs	9	2	162	4	554	2	198	3							
		23	21-25 hrs	4	1	55	1	222	1	70	1							
		28	26-30 hrs	1	0	26	1	110	0	44	1							
		33	More than 30 hrs	8	1	52	1	230	1	76	1							
	Total			516	100	4,458	100	24,331	100	6,834	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	63	13	556	13	3,070	13	909	14	<b>2.7</b>	2.7	-.03	2.7	-.05	2.7	.00
		2	Some	180	36	1,506	35	7,985	34	2,376	35							
		3	About half	158	29	1,271	28	6,808	28	1,936	29							
		4	Most	82	16	789	17	4,622	18	1,170	17							
		5	Almost all	34	6	291	6	1,729	7	382	5							
		Total			517	100	4,413	100	24,214	100	6,773							
	tmreadinghrs											<b>6.3</b>	6.1	.04	6.6	-.05	6.1	.05
	(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)																	

\*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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	2	1	39	1	109	1	45	1							
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	265	52	2,336	55	11,766	51	3,695	56							
		3	More than 5, up to 10 hrs	156	30	1,255	27	7,159	29	1,867	27							
		4	More than 10, up to 15 hrs	48	9	377	9	2,528	10	577	8							
		5	More than 15, up to 20 hrs	25	4	190	4	1,315	5	278	4							
		6	More than 20, up to 25 hrs	12	2	140	3	910	3	210	3							
		7	More than 25 hrs	6	1	54	1	314	1	66	1							
		Total		514	100	4,391	100	24,101	100	6,738	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	42	9	305	7	2,012	8	535	8	<b>2.7</b>	2.9 **	-0.15	2.8	-0.08	2.8 *	-0.10
		2	Some	149	29	1,141	26	6,755	28	1,829	27							
		3	Quite a bit	222	44	1,847	41	9,878	41	2,808	41							
		4	Very much	98	19	1,140	26	5,600	23	1,630	24							
		Total		511	100	4,433	100	24,245	100	6,802	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	73	14	495	11	3,004	12	770	12	<b>2.5</b>	2.7 ***	-0.18	2.6 **	-0.13	2.7 **	-0.15
		2	Some	173	33	1,342	30	7,857	31	2,071	31							
		3	Quite a bit	193	38	1,667	37	8,734	37	2,600	38							
		4	Very much	73	14	919	22	4,573	20	1,326	19							
		Total		512	100	4,423	100	24,168	100	6,767	100							
c. Thinking critically and analytically	pgthink	1	Very little	22	5	183	4	830	4	271	4	<b>3.0</b>	3.0	.01	3.1	-0.02	3.0	.02
		2	Some	89	17	901	21	4,675	20	1,394	21							
		3	Quite a bit	245	47	1,890	42	10,602	44	2,963	44							
		4	Very much	158	31	1,450	33	8,055	33	2,151	31							
		Total		514	100	4,424	100	24,162	100	6,779	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	72	14	467	11	3,107	13	896	13	<b>2.6</b>	2.7	-0.06	2.7	-0.01	2.6	.04
		2	Some	151	28	1,409	31	7,503	31	2,217	33							
		3	Quite a bit	190	38	1,569	36	8,358	35	2,341	34							
		4	Very much	101	20	968	23	5,170	22	1,316	20							
		Total		514	100	4,413	100	24,138	100	6,770	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	97	19	679	15	3,400	15	988	15	<b>2.5</b>	2.6 *	-0.12	2.6 **	-0.13	2.6 **	-0.13
		2	Some	174	34	1,468	33	7,873	33	2,236	33							
		3	Quite a bit	156	31	1,370	31	7,998	32	2,188	32							
		4	Very much	83	16	905	21	4,904	20	1,370	20							
		Total		510	100	4,422	100	24,175	100	6,782	100							
f. Working effectively with others	pgothers	1	Very little	30	6	338	8	1,789	8	491	8	<b>2.8</b>	2.8	.05	2.8	.05	2.8	.03
		2	Some	137	27	1,292	30	6,963	29	1,878	28							
		3	Quite a bit	226	44	1,711	38	9,598	39	2,702	39							
		4	Very much	119	23	1,071	24	5,778	24	1,694	25							
		Total		512	100	4,412	100	24,128	100	6,765	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	76	15	576	14	3,111	14	860	13	<b>2.6</b>	2.6	-0.07	2.7	-0.08	2.7 *	-0.09
		2	Some	160	30	1,338	30	6,984	30	1,962	29							
		3	Quite a bit	179	35	1,534	34	8,442	35	2,405	35							
		4	Very much	97	19	971	22	5,604	22	1,540	22							
		Total		512	100	4,419	100	24,141	100	6,767	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	52	11	431	10	2,877	12	691	10	<b>2.7</b>	2.8	-0.05	2.7	.03	2.8	-0.04
		2	Some	149	30	1,247	29	7,270	30	1,858	28							
		3	Quite a bit	183	34	1,557	35	8,293	34	2,407	35							
		4	Very much	128	25	1,166	27	5,691	24	1,809	26							
		Total		512	100	4,401	100	24,131	100	6,765	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	79	15	570	13	3,030	13	902	13	<b>2.5</b>	2.6	-0.09	2.6	-0.08	2.6	-0.07
		2	Some	172	33	1,442	33	8,079	33	2,221	33							
		3	Quite a bit	174	35	1,506	34	8,299	34	2,265	33							
		4	Very much	87	17	889	20	4,721	20	1,367	20							
		Total		512	100	4,407	100	24,129	100	6,755	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	83	16	563	13	3,250	14	884	13	<b>2.5</b>	2.6 **	-0.12	2.6 *	-0.11	2.6 **	-0.13
		2	Some	171	34	1,480	33	7,971	33	2,154	32							
		3	Quite a bit	179	35	1,473	33	8,077	33	2,327	34							
		4	Very much	80	15	884	20	4,753	20	1,381	20							
		Total		513	100	4,400	100	24,051	100	6,746	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	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	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	9	2	87	2	404	2	98	2	<b>3.2</b>	3.1	.07	3.2	-.06	3.2	-.05
		2	Fair	60	11	678	15	2,820	12	814	12							
		3	Good	283	56	2,378	53	11,907	50	3,569	52							
		4	Excellent	162	31	1,287	29	9,119	36	2,314	34							
			Total	514	100	4,430	100	24,250	100	6,795	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	22	4	188	4	821	4	220	3	<b>3.2</b>	3.1 **	.15	3.2	-.03	3.2	-.03
		2	Probably no	59	11	711	16	2,831	12	833	12							
		3	Probably yes	236	46	2,063	46	10,045	42	2,945	43							
		4	Definitely yes	199	39	1,474	33	10,590	42	2,809	42							
			Total	516	100	4,436	100	24,287	100	6,807	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

## University of North Carolina at Charlotte

### 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>							
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's	
				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	21	3	264	4	1,184	3	358	3	<b>3.0</b>	3.0	.00	3.1	-.07	3.0	-.03	
		2	Sometimes	201	30	2,136	29	11,345	27	3,097	28								
		3	Often	217	31	2,424	33	13,050	32	3,568	33								
		4	Very often	265	35	2,576	35	15,634	38	4,085	36								
		Total		704	100	7,400	100	41,213	100	11,108	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	157	24	1,671	22	9,177	22	2,264	20	<b>2.4</b>	2.4	-.03	2.4	-.01	2.4	-.05	
		2	Sometimes	241	34	2,585	34	14,814	36	3,836	35								
		3	Often	160	23	1,790	25	10,022	25	2,855	26								
		4	Very often	141	19	1,280	19	6,840	17	2,047	19								
		Total		699	100	7,326	100	40,853	100	11,002	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	61	9	564	8	2,947	7	744	7	<b>3.0</b>	2.9	.04	2.9	.04	3.0	-.01	
		2	Often	87	13	1,196	16	6,592	16	1,623	15								
		3	Sometimes	372	53	4,004	54	22,491	55	6,008	55								
		4	Never	175	25	1,526	22	8,606	22	2,561	24								
		Total		695	100	7,290	100	40,636	100	10,936	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	380	55	3,581	50	17,156	43	4,977	46	<b>1.6</b>	1.7 ***	-0.17	1.8 ***	-0.27	1.8 ***	-0.22	
		2	Sometimes	236	34	2,435	33	15,204	37	3,918	35								
		3	Often	47	7	743	10	5,019	12	1,205	11								
		4	Very often	27	4	488	7	3,079	8	779	7								
		Total		690	100	7,247	100	40,458	100	10,879	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	83	12	955	14	4,310	12	1,232	12	<b>2.5</b>	2.4 *	.08	2.5	.01	2.5	.02	
		2	Sometimes	288	40	3,048	43	16,843	43	4,620	43								
		3	Often	211	31	2,101	27	12,253	29	3,242	29								
		4	Very often	109	16	1,137	15	6,966	16	1,767	16								
		Total		691	100	7,241	100	40,372	100	10,861	100								
f. Explained course material to one or more students	CLexplain	1	Never	27	4	348	5	1,531	4	481	5	<b>2.8</b>	2.7	.07	2.8	-.01	2.8	.03	
		2	Sometimes	237	34	2,529	36	13,293	34	3,669	34								
		3	Often	275	39	2,772	37	15,874	39	4,239	39								
		4	Very often	151	23	1,578	21	9,505	23	2,417	22								
		Total		690	100	7,227	100	40,203	100	10,806	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	103	15	1,188	18	6,098	16	1,719	16	<b>2.6</b>	2.5	.06	2.6	.02	2.5	.04
		2	Sometimes	245	35	2,494	35	13,890	35	3,743	35							
		3	Often	189	27	2,003	27	11,271	28	3,033	28							
		4	Very often	152	23	1,535	21	8,892	22	2,302	21							
		Total		689	100	7,220	100	40,151	100	10,797	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	22	3	443	7	2,054	5	677	7	<b>3.0</b>	2.9 ***	.14	2.9	.06	2.9 **	.11
		2	Sometimes	200	29	2,174	31	11,050	28	3,083	29							
		3	Often	248	36	2,473	34	14,050	35	3,743	35							
		4	Very often	217	32	2,107	29	12,863	31	3,259	30							
		Total		687	100	7,197	100	40,017	100	10,762	100							
i. Given a course presentation	present	1	Never	49	7	954	14	4,354	11	1,293	13	<b>2.8</b>	2.6 ***	.25	2.7 ***	.14	2.6 ***	.19
		2	Sometimes	216	33	2,502	35	13,265	33	3,631	34							
		3	Often	229	31	2,181	30	12,691	32	3,315	31							
		4	Very often	196	29	1,533	21	9,558	24	2,488	23							
		Total		690	100	7,170	100	39,868	100	10,727	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	24	4	240	4	1,121	3	327	3	<b>2.9</b>	3.0	-.02	3.0 *	-.08	3.0	-.07
		2	Sometimes	176	27	1,883	27	9,754	25	2,614	25							
		3	Often	279	41	2,751	39	15,609	40	4,142	40							
		4	Very often	197	28	2,166	30	12,509	32	3,378	32							
		Total		676	100	7,040	100	38,993	100	10,461	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	50	9	549	8	2,676	7	673	7	<b>2.8</b>	2.7	.03	2.8	-.04	2.8	-.04
		2	Sometimes	200	31	2,249	33	12,167	31	3,269	32							
		3	Often	232	34	2,446	35	13,595	35	3,623	35							
		4	Very often	192	26	1,757	24	10,236	27	2,819	26							
		Total		674	100	7,001	100	38,674	100	10,384	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	108	19	1,096	17	5,278	14	1,419	15	<b>2.5</b>	2.5	.00	2.6	-.05	2.6	-.04
		2	Sometimes	202	31	2,366	34	13,747	35	3,672	36							
		3	Often	196	27	2,068	29	11,397	29	2,984	28							
		4	Very often	165	22	1,453	20	8,194	21	2,297	21							
		Total		671	100	6,983	100	38,616	100	10,372	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

## University of North Carolina at Charlotte

### 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>							
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's				
				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	38	6	404	6	2,060	5	540	5	<b>2.8</b>	2.8	-.01	2.8	-.05	2.8	-.03	
		2	Sometimes	207	32	2,161	31	11,905	30	3,232	31								
		3	Often	261	39	2,785	40	15,497	40	4,090	40								
		4	Very often	163	23	1,611	23	9,020	24	2,473	24								
		Total		669	100	6,961	100	38,482	100	10,335	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	29	5	311	5	1,495	4	388	4	<b>2.9</b>	2.9	-.03	2.9	-.05	2.9	-.05	
		2	Sometimes	177	28	1,871	26	10,373	27	2,730	27								
		3	Often	262	39	2,823	41	15,663	41	4,190	41								
		4	Very often	196	28	1,935	28	10,834	28	2,999	29								
		Total		664	100	6,940	100	38,365	100	10,307	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	19	4	199	3	932	3	252	3	<b>2.9</b>	2.9	.00	2.9	-.03	2.9	-.02	
		2	Sometimes	183	29	1,981	29	10,756	29	2,944	29								
		3	Often	264	40	2,911	42	16,057	42	4,303	42								
		4	Very often	195	27	1,821	26	10,512	27	2,771	26								
		Total		661	100	6,912	100	38,257	100	10,270	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	7	1	88	1	421	1	98	1	<b>3.1</b>	3.2	-.04	3.2 *	-.10	3.2 *	-.08	
		2	Sometimes	117	20	1,239	18	6,214	17	1,700	17								
		3	Often	286	43	2,975	43	16,303	43	4,412	43								
		4	Very often	253	36	2,593	37	15,173	40	4,033	39								
		Total		663	100	6,895	100	38,111	100	10,243	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	140	23	1,495	23	6,932	19	1,799	18	<b>2.3</b>	2.3	-.02	2.4 ***	-.13	2.4 ***	-.14	
		2	Sometimes	281	42	2,762	40	15,415	40	4,015	40								
		3	Often	141	21	1,590	22	9,356	24	2,626	25								
		4	Very often	93	14	1,036	14	6,435	17	1,802	17								
		Total		655	100	6,883	100	38,138	100	10,242	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	313	48	3,240	49	16,030	43	4,383	44	<b>1.8</b>	1.8	-.01	2.0 **	-.12	1.9 *	-.10	
		2	Sometimes	197	30	1,919	27	11,395	30	3,050	30								
		3	Often	85	13	1,000	14	6,195	16	1,603	15								
		4	Very often	63	9	701	10	4,401	12	1,178	11								
		Total		658	100	6,860	100	38,021	100	10,214	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

## University of North Carolina at Charlotte

### 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>							
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's	
				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	190	29	2,037	31	9,592	26	2,690	27	<b>2.1</b>	2.1	.02	2.2 *	-.10	2.2 *	-.09	
		2	Sometimes	274	42	2,676	39	15,650	40	4,079	40								
		3	Often	123	20	1,391	19	8,299	22	2,167	21								
		4	Very often	67	10	754	10	4,441	12	1,269	12								
		Total		654	100	6,858	100	37,982	100	10,205	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	152	25	1,710	26	9,279	24	2,321	23	<b>2.1</b>	2.1	.01	2.2	-.04	2.2	-.07	
		2	Sometimes	290	45	3,012	44	16,810	44	4,463	44								
		3	Often	147	22	1,433	20	7,842	21	2,229	22								
		4	Very often	60	9	677	10	3,965	11	1,165	11								
		Total		649	100	6,832	100	37,896	100	10,178	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	42	6	464	7	2,985	8	741	7	<b>2.9</b>	2.8	.07	2.8 **	.11	2.8 *	.08	
		2	Some	187	29	2,005	29	11,447	30	2,939	29								
		3	Quite a bit	234	36	2,643	38	14,540	38	3,975	39								
		4	Very much	195	29	1,755	25	9,024	24	2,539	24								
		Total		658	100	6,867	100	37,996	100	10,194	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	23	4	217	3	1,032	3	313	3	<b>3.1</b>	3.1	.06	3.1	.03	3.1	.04	
		2	Some	100	16	1,242	18	6,849	18	1,856	18								
		3	Quite a bit	276	41	3,002	43	16,148	42	4,311	43								
		4	Very much	256	39	2,373	35	13,834	37	3,685	36								
		Total		655	100	6,834	100	37,863	100	10,165	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	19	3	279	4	1,401	4	367	4	<b>3.1</b>	3.0	.05	3.1	.02	3.1	.03	
		2	Some	129	20	1,444	21	7,896	20	2,130	21								
		3	Quite a bit	268	41	2,811	41	15,309	41	4,129	41								
		4	Very much	240	35	2,308	34	13,143	35	3,508	34								
		Total		656	100	6,842	100	37,749	100	10,134	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	42	7	469	7	2,523	7	599	6	<b>2.9</b>	2.9	.03	2.9	.02	2.9	.01	
		2	Some	142	23	1,720	25	9,729	25	2,561	26								
		3	Quite a bit	272	41	2,719	40	14,966	40	4,050	40								
		4	Very much	204	29	1,912	28	10,477	28	2,911	28								
		Total		660	100	6,820	100	37,695	100	10,121	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	37	6	380	6	1,902	5	486	5	<b>2.9</b>	2.9	-.05	2.9	-.06	2.9	-.06
		2	Some	170	26	1,658	24	9,536	25	2,530	25							
		3	Quite a bit	261	40	2,835	42	15,486	41	4,122	41							
		4	Very much	189	27	1,942	28	10,738	29	2,962	29							
		Total		657	100	6,815	100	37,662	100	10,100	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	8	1	164	3	867	2	213	2	<b>3.2</b>	3.1	.03	3.1	.03	3.2	-.01
		2	Some	112	17	1,261	18	6,709	18	1,707	17							
		3	Quite a bit	299	47	2,949	42	16,884	44	4,362	43							
		4	Very much	242	35	2,487	37	13,433	36	3,896	38							
		Total		661	100	6,861	100	37,893	100	10,178	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	19	3	212	3	1,108	3	299	3	<b>3.1</b>	3.1	.02	3.1	.01	3.1	.00
		2	Some	121	18	1,380	20	7,093	19	1,900	19							
		3	Quite a bit	285	45	2,965	43	17,121	45	4,418	43							
		4	Very much	234	34	2,283	34	12,474	33	3,532	34							
		Total		659	100	6,840	100	37,796	100	10,149	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	19	3	254	4	1,225	4	333	3	<b>3.1</b>	3.1	.04	3.1	-.01	3.1	-.02
		2	Some	128	20	1,342	20	6,806	18	1,830	18							
		3	Quite a bit	253	40	2,758	40	15,541	41	3,988	39							
		4	Very much	259	37	2,469	36	14,179	38	3,979	39							
		Total		659	100	6,823	100	37,751	100	10,130	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	76	12	845	13	4,475	12	1,062	11	<b>2.7</b>	2.7	.06	2.7	.02	2.8	-.04
		2	Some	175	28	2,134	31	11,508	30	2,910	29							
		3	Quite a bit	222	34	2,193	32	12,389	33	3,318	33							
		4	Very much	182	26	1,646	24	9,326	25	2,839	28							
		Total		655	100	6,818	100	37,698	100	10,129	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	45	7	550	8	3,020	8	764	8	<b>2.8</b>	2.8	.02	2.8	.00	2.8	-.03
		2	Some	182	29	1,992	29	10,816	28	2,807	28							
		3	Quite a bit	265	41	2,579	37	14,568	38	3,783	37							
		4	Very much	162	23	1,683	25	9,231	25	2,757	27							
		Total		654	100	6,804	100	37,635	100	10,111	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	97	14	750	11	4,355	11	1,305	12	2.6	2.7 **	-.11	2.7 *	-.09	2.7	-.05
		2	Sometimes	207	31	2,145	31	12,043	31	3,313	32							
		3	Often	233	36	2,373	35	12,876	34	3,405	34							
		4	Very often	122	19	1,577	24	8,541	23	2,138	22							
		Total		659	100	6,845	100	37,815	100	10,161	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	148	23	1,232	18	7,086	18	1,946	18	2.4	2.5 *	-.10	2.5 *	-.09	2.4	-.07
		2	Sometimes	218	33	2,453	35	13,693	36	3,754	37							
		3	Often	191	28	1,935	29	10,408	28	2,746	28							
		4	Very often	101	15	1,211	18	6,558	18	1,709	17							
		Total		658	100	6,831	100	37,745	100	10,155	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	129	19	1,102	17	6,131	16	1,779	17	2.4	2.5	-.05	2.5	-.06	2.4	-.02
		2	Sometimes	224	35	2,578	37	14,189	37	3,920	39							
		3	Often	209	32	2,061	30	11,205	30	2,871	29							
		4	Very often	91	14	1,075	16	6,140	17	1,553	16							
		Total		653	100	6,816	100	37,665	100	10,123	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	25	5	516	9	2,234	7	683	8	7.3	6.7 *	.09	7.2	.01	6.8	.07
		1.5	1-2	105	19	1,406	23	6,895	20	1,975	22							
		4	3-5	186	32	1,765	27	9,612	28	2,614	29							
		8	6-10	130	21	1,276	20	7,475	21	1,905	20							
		13	11-15	58	10	569	9	3,583	10	900	10							
		18	16-20	37	6	278	4	1,986	5	468	5							
		23	More than 20	45	7	443	7	2,817	8	667	7							
		Total		586	100	6,253	100	34,602	100	9,212	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	126	22	1,526	25	8,117	24	2,401	27	3.7	3.3 *	.10	3.2 *	.11	3.1 **	.15
		1.5	1-2	197	34	2,238	36	12,262	36	3,240	35							
		4	3-5	146	24	1,384	22	8,345	24	2,053	23							
		8	6-10	68	13	704	11	3,538	10	905	10							
		13	11-15	26	5	190	3	1,114	3	288	3							
		18	16-20	8	2	72	1	399	1	93	1							
		23	More than 20	8	1	79	1	383	1	99	1							
Total		579	100	6,193	100	34,158	100	9,079	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

## University of North Carolina at Charlotte

### 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>							
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's				
				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	245	42	2,875	47	15,437	46	4,415	49	<b>2.1</b>	2.0	.03	1.9	.06	1.8 *	.09	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	210	35	2,050	33	12,133	36	3,051	34								
		4	3-5	80	15	662	11	3,759	11	878	10								
		8	6-10	20	4	238	4	1,234	4	306	4								
		13	11-15	10	2	121	2	527	2	145	2								
		18	16-20	4	1	51	1	237	1	63	1								
		23	More than 20	8	1	67	1	328	1	96	1								
		Total			577	100	6,064	100	33,655	100	8,954	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>79.7</b>	74.3	.06	73.6	.07	69.7 **	.12	
<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	29	6	324	5	1,921	5	491	5	<b>3.2</b>	3.2	.02	3.1 **	.12	3.1 *	.09	
		2	Sometimes	107	18	1,249	19	9,113	24	2,143	22								
		3	Often	174	28	1,885	29	10,090	29	2,805	30								
		4	Very often	299	47	2,967	46	14,295	41	4,017	43								
			Total	609	100	6,425	100	35,419	100	9,456	100								
b. People from an economic background other than your own	DDeconomic	1	Never	28	5	317	6	1,549	5	412	5	<b>3.1</b>	3.1	.06	3.1	.08	3.1	.06	
		2	Sometimes	111	18	1,290	20	8,105	22	1,981	21								
		3	Often	191	32	2,151	33	12,181	34	3,294	35								
		4	Very often	276	44	2,656	41	13,499	39	3,742	40								
			Total	606	100	6,414	100	35,334	100	9,429	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	44	8	412	7	2,989	7	565	6	<b>3.0</b>	3.0	.01	3.0	.07	3.0	.03	
		2	Sometimes	129	21	1,429	22	9,476	25	2,289	24								
		3	Often	176	29	2,009	31	10,253	30	2,947	31								
		4	Very often	257	42	2,547	39	12,566	37	3,615	38								
			Total	606	100	6,397	100	35,284	100	9,416	100								
d. People with political views other than your own	DDpolitical	1	Never	43	8	396	7	2,012	6	542	6	<b>3.0</b>	3.0	.02	3.0	.03	3.0	-.01	
		2	Sometimes	121	21	1,487	23	8,988	24	2,079	22								
		3	Often	199	32	2,026	31	11,345	32	3,115	33								
		4	Very often	243	39	2,480	38	12,821	37	3,642	39								
			Total	606	100	6,389	100	35,166	100	9,378	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

## University of North Carolina at Charlotte

### 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 Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's	
				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	20	4	162	3	875	3	223	2	<b>3.1</b>	3.2 *	-0.09	3.2 *	-0.10	3.2 *	-0.10	
		2	Sometimes	108	19	1,119	17	6,486	18	1,657	18								
		3	Often	239	40	2,593	41	13,964	40	3,731	40								
		4	Very often	235	37	2,515	39	13,913	40	3,809	40								
		Total		602	100	6,389	100	35,238	100	9,420	100								
b. Reviewed your notes after class	LSnotes	1	Never	24	4	392	6	2,638	7	569	6	<b>2.9</b>	2.9	-0.07	2.8	.02	2.9	-0.05	
		2	Sometimes	201	35	1,881	29	11,232	31	2,689	29								
		3	Often	184	30	2,033	33	10,967	31	3,053	32								
		4	Very often	191	30	2,074	33	10,325	30	3,076	33								
		Total		600	100	6,380	100	35,162	100	9,387	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	30	6	439	7	2,667	7	604	6	<b>2.8</b>	2.9	-0.04	2.8	.01	2.9	-0.06	
		2	Sometimes	176	31	1,798	28	10,751	30	2,626	28								
		3	Often	220	37	2,232	35	11,982	35	3,262	35								
		4	Very often	173	27	1,851	30	9,441	28	2,833	30								
		Total		599	100	6,320	100	34,841	100	9,325	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	4	1	42	1	212	1	50	1	<b>5.6</b>	5.6	.00	5.6	.01	5.7	-0.04	
		2		10	2	95	2	442	1	103	1								
		3		15	3	191	3	1,064	3	247	3								
		4		57	11	578	9	3,118	9	822	9								
		5		165	27	1,780	27	10,199	29	2,595	27								
		6		155	26	2,003	31	11,149	31	2,896	30								
		7	Very much	191	30	1,668	28	8,950	26	2,679	29								
		Total		597	100	6,357	100	35,134	100	9,392	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		52	9	585	10	2,438	7	749	8	<b>47%</b>	44%	.06	52% *	-0.09	46%	.04	
		Do not plan to do		101	16	976	17	5,282	16	1,613	18								
		Plan to do		154	27	1,755	28	8,695	25	2,653	28								
		Done or in progress		293	47	3,033	44	18,683	52	4,370	46								
		Total		600	100	6,349	100	35,098	100	9,385	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

## University of North Carolina at Charlotte

### Seniors

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

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

			Your seniors compared with															
			UNC Charlotte				Peer Institutions				Carnegie Class				Doc with High TR's			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	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 <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	79	13	751	13	3,354	10	977	11	<b>30%</b>	28%	.04	37% ***	-.16	34% *	-0.10	
		Do not plan to do	292	50	2,986	48	15,408	44	4,261	46								
		Plan to do	48	8	661	11	2,811	9	836	9								
		Done or in progress	178	30	1,944	28	13,455	37	3,282	34								
		Total	597	100	6,342	100	35,028	100	9,356	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	68	11	906	15	3,983	12	1,154	13	<b>22%</b>	22%	.00	26% *	-.09	25%	-0.07	
		Do not plan to do	343	58	3,194	51	18,450	53	4,777	52								
		Plan to do	51	8	711	12	3,080	9	956	11								
		Done or in progress	137	22	1,523	22	9,434	26	2,440	25								
		Total	599	100	6,334	100	34,947	100	9,327	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	73	12	864	14	3,745	11	1,049	11	<b>10%</b>	9%	.04	15% **	-.13	10%	.00	
		Do not plan to do	423	71	4,165	67	23,144	66	6,547	71								
		Plan to do	37	6	614	9	2,611	8	715	8								
		Done or in progress	67	10	679	9	5,431	15	1,019	10								
		Total	600	100	6,322	100	34,931	100	9,330	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	106	18	1,115	18	4,960	15	1,415	15	<b>19%</b>	20%	-.02	25% ***	-.15	21%	-0.05	
		Do not plan to do	304	50	2,814	45	16,068	46	4,568	49								
		Plan to do	75	13	1,084	17	4,713	14	1,322	15								
		Done or in progress	114	19	1,286	20	9,061	25	1,977	21								
		Total	599	100	6,299	100	34,802	100	9,282	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	51	9	764	13	3,020	9	883	9	<b>49%</b>	36% ***	.25	44% *	.09	42% ***	.14	
		Do not plan to do	108	17	1,510	23	7,315	21	1,989	21								
		Plan to do	141	25	1,763	28	8,838	25	2,501	28								
		Done or in progress	297	49	2,292	36	15,736	44	3,953	42								
		Total	597	100	6,329	100	34,909	100	9,326	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
servcourse	1	None	258	45	2,691	45	13,746	40	3,545	39	<b>1.6</b>	1.7	-.03	1.7 *	-.10	1.7 **	-.12	
		2	Some	280	46	2,975	46	17,473	49	4,675								49
		3	Most	51	7	512	8	3,117	9	919								10
		4	All	11	2	106	2	514	2	148								2
		Total	600	100	6,284	100	34,850	100	9,287	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	5	1	81	1	362	1	89	1	<b>5.5</b>	5.6	-.06	5.7 **	-.13	5.7 ***	-.15
		2		6	1	106	2	526	2	137	2							
		3		19	3	288	5	1,345	4	345	4							
		4		82	14	675	11	3,104	9	840	9							
		5		170	27	1,479	23	8,158	23	2,127	23							
		6		166	29	1,840	28	10,613	30	2,721	29							
	7	Excellent	150	24	1,808	29	10,649	31	2,973	32								
	—	Not applicable	2	0	69	2	274	1	106	1								
		Total		600	100	6,346	100	35,031	100	9,338	100							
b. Academic advisors	QIadvisor	1	Poor	39	7	433	7	1,951	6	465	5	<b>4.8</b>	4.9	-.05	5.1 **	-.13	5.2 ***	-.21
		2		39	6	444	7	2,016	6	467	5							
		3		65	12	559	8	2,879	8	711	7							
		4		83	14	853	13	4,552	13	1,148	12							
		5		118	20	1,187	19	6,557	18	1,700	18							
		6		100	16	1,231	19	7,141	20	1,894	20							
	7	Excellent	154	25	1,536	25	9,335	27	2,817	30								
	—	Not applicable	2	0	83	2	527	2	120	1								
		Total		600	100	6,326	100	34,958	100	9,322	100							
c. Faculty	QIfaculty	1	Poor	6	1	108	2	557	2	134	2	<b>5.4</b>	5.4	.02	5.5	-.06	5.5 *	-.09
		2		14	2	169	3	796	2	205	2							
		3		27	5	344	5	1,582	5	426	5							
		4		84	14	812	13	3,855	11	1,000	11							
		5		173	29	1,632	25	8,274	23	2,141	23							
		6		158	27	1,757	28	10,732	30	2,810	30							
	7	Excellent	136	23	1,430	23	8,769	25	2,499	27								
	—	Not applicable	0	0	51	1	208	1	71	1								
		Total		598	100	6,303	100	34,773	100	9,286	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	25	4	375	6	1,699	5	418	5	<b>4.9</b>	4.7 ** △	.12	4.8	.05	5.0	-.02
		2		28	5	319	5	1,663	5	408	4							
		3		38	7	497	7	2,626	8	615	7							
		4		75	12	802	12	4,791	13	1,146	12							
		5		125	21	1,124	17	6,835	19	1,776	19							
		6		108	18	1,046	16	6,444	18	1,744	19							
		7	Excellent	104	17	865	14	5,442	16	1,633	18							
		—	Not applicable	97	16	1,286	22	5,382	16	1,568	17							
	Total	600	100	6,314	100	34,882	100	9,308	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	26	4	422	7	1,930	6	471	5	<b>4.9</b>	4.7 * △	.09	4.8	.05	4.9	-.02
		2		32	5	396	6	1,953	6	502	5							
		3		48	8	576	9	3,027	9	770	8							
		4		92	15	1,030	16	5,495	16	1,394	15							
		5		144	24	1,370	21	7,733	22	2,006	21							
		6		121	21	1,190	19	7,141	20	1,923	21							
		7	Excellent	91	14	972	16	5,722	17	1,747	19							
		—	Not applicable	45	8	375	6	1,946	6	503	6							
	Total	599	100	6,331	100	34,947	100	9,316	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	11	2	117	2	630	2	168	2	<b>3.2</b>	3.1 * △	.11	3.2	.07	3.1 *	.11
		2	Some	80	15	1,083	18	5,321	16	1,575	18							
		3	Quite a bit	232	41	2,655	44	14,382	43	3,887	44							
		4	Very much	247	42	2,195	36	13,053	38	3,223	36							
			Total	570	100	6,050	100	33,386	100	8,853	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	30	5	344	6	1,649	5	416	5	<b>2.9</b>	2.9	.03	2.9	-.05	2.9	-.08
		2	Some	138	25	1,542	26	7,951	24	2,100	24							
		3	Quite a bit	254	45	2,624	44	14,192	43	3,642	41							
		4	Very much	145	24	1,479	24	9,341	28	2,621	29							
			Total	567	100	5,989	100	33,133	100	8,779	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	44	8	480	9	2,748	9	718	8	<b>2.8</b>	2.8	-.03	2.8	-.03	2.9	-.07
		2	Some	156	28	1,541	26	8,462	26	2,147	25							
		3	Quite a bit	208	37	2,310	39	12,668	38	3,238	37							
		4	Very much	160	26	1,663	27	9,252	28	2,688	30							
			Total	568	100	5,994	100	33,130	100	8,791	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

## University of North Carolina at Charlotte

### Seniors

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

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

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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Mean		Mean		Mean		Mean		Effect size <sup>e</sup>		Effect size <sup>e</sup>				
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	85	16	912	15	5,887	17	1,412	16	<b>2.5</b>	2.6	-0.06	2.5	.00	2.6	-0.03
		2	Some	186	33	1,940	31	11,029	32	2,829	32							
		3	Quite a bit	186	33	1,888	32	9,790	30	2,658	30							
		4	Very much	112	18	1,261	22	6,423	20	1,884	21							
		Total		569	100	6,001	100	33,129	100	8,783	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	40	8	546	9	2,479	8	604	7	<b>2.8</b>	2.8	-0.03	2.9 **	-0.12	2.9 **	-0.13
		2	Some	169	30	1,712	28	8,456	26	2,264	26							
		3	Quite a bit	229	41	2,303	38	12,765	38	3,398	39							
		4	Very much	130	21	1,444	24	9,400	28	2,508	28							
		Total		568	100	6,005	100	33,100	100	8,774	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	57	11	648	11	3,229	10	827	10	<b>2.7</b>	2.7	-0.01	2.8 *	-0.11	2.8 **	-0.11
		2	Some	164	29	1,795	30	8,751	27	2,336	27							
		3	Quite a bit	222	40	2,190	36	12,187	37	3,239	37							
		4	Very much	122	20	1,356	23	8,887	26	2,342	26							
		Total		565	100	5,989	100	33,054	100	8,744	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	218	38	2,238	37	11,244	34	2,945	34	<b>2.0</b>	2.0	-0.03	2.1	-0.08	2.1 *	-0.10
		2	Some	199	35	2,043	33	11,400	34	3,051	35							
		3	Quite a bit	95	17	1,128	19	6,833	21	1,757	20							
		4	Very much	55	10	585	10	3,537	11	994	11							
		Total		567	100	5,994	100	33,014	100	8,747	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	84	15	867	15	3,920	12	981	12	<b>2.6</b>	2.6	.00	2.7 ***	-0.15	2.7 ***	-0.17
		2	Some	174	31	1,997	33	9,684	29	2,543	29							
		3	Quite a bit	201	36	2,015	34	11,653	36	3,073	35							
		4	Very much	106	18	1,094	18	7,666	23	2,127	24							
		Total		565	100	5,973	100	32,923	100	8,724	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	125	23	1,234	20	6,074	18	1,589	19	<b>2.3</b>	2.4 *	-0.10	2.4 ***	-0.17	2.4 ***	-0.16
		2	Some	215	39	2,267	37	12,175	37	3,181	37							
		3	Quite a bit	153	27	1,691	29	9,621	30	2,544	29							
		4	Very much	70	11	793	14	5,030	16	1,395	16							
		Total		563	100	5,985	100	32,900	100	8,709	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

## University of North Carolina at Charlotte

### 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>							
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's				
				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	0	0 hrs	3	1	19	0	110	0	28	0	<b>14.6</b>	14.7	-.01	14.9	-.03	14.2	.05	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	83	15	869	14	4,376	14	1,331	15								
	8	6-10 hrs	146	25	1,469	24	7,576	23	2,204	25									
	13	11-15 hrs	108	19	1,187	20	6,644	20	1,798	20									
	18	16-20 hrs	82	14	1,044	17	5,863	17	1,466	17									
	23	21-25 hrs	60	11	607	10	3,368	10	795	9									
	28	26-30 hrs	26	5	337	6	2,108	6	471	5									
	33	More than 30 hrs	52	10	474	8	2,928	9	654	8									
	Total			560	100	6,006	100	32,973	100	8,747	100								
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	266	49	2,825	50	13,049	41	3,664	43	<b>4.0</b>	4.2	-.03	4.8 **	-.13	4.5 *	-.09	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	157	27	1,553	25	10,196	29	2,623	29								
	8	6-10 hrs	64	12	711	11	4,551	14	1,181	13									
	13	11-15 hrs	31	5	401	6	2,239	7	543	6									
	18	16-20 hrs	14	3	273	4	1,415	4	366	4									
	23	21-25 hrs	8	1	111	2	685	2	169	2									
	28	26-30 hrs	6	1	48	1	265	1	57	1									
	33	More than 30 hrs	6	1	56	1	425	1	107	1									
	Total			552	100	5,978	100	32,825	100	8,710	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	435	78	4,524	77	22,028	70	6,227	72	<b>2.8</b>		3.4 *	-.09	4.2 ***	-.18	4.1 ***	-.17
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	3	152	2	1,413	4	316	3								
	8	6-10 hrs	40	7	311	5	2,668	7	523	6									
	13	11-15 hrs	23	4	313	5	2,395	7	575	6									
	18	16-20 hrs	33	6	423	7	2,916	7	592	7									
	23	21-25 hrs	5	1	144	2	760	2	273	3									
	28	26-30 hrs	0	0	47	1	264	1	72	1									
	33	More than 30 hrs	5	1	73	1	433	1	136	2									
	Total			556	100	5,987	100	32,877	100	8,714	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

## University of North Carolina at Charlotte

### 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>							
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's	
				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	202	37	2,191	36	15,238	45	3,836	43	<b>12.4</b>	14.3 *** ▽	-0.14	11.3 * △	.09	12.1	.03	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	33	6	280	5	1,711	5	420	5								
		8	6-10 hrs	39	7	381	6	2,087	6	504	6								
		13	11-15 hrs	44	8	430	7	2,210	7	557	6								
		18	16-20 hrs	72	13	621	10	3,144	10	822	9								
		23	21-25 hrs	55	9	538	9	2,348	7	653	7								
		28	26-30 hrs	35	6	393	6	1,647	5	499	6								
		33	More than 30 hrs	78	13	1,136	22	4,377	15	1,398	17								
	Total			558	100	5,970	100	32,762	100	8,689	100								
Estimated number of hours working for pay	tmworkhrs											<b>15.1</b>	17.7 *** ▽	-0.19	15.4	-0.02	16.1	-0.07	
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	268	51	2,989	51	15,363	49	4,112	49	<b>3.2</b>	3.4	-0.02	3.2	.02	3.2	.01	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	196	33	1,903	31	12,338	36	3,138	35								
		8	6-10 hrs	42	7	510	9	2,513	8	712	8								
		13	11-15 hrs	17	3	242	4	1,084	3	303	3								
		18	16-20 hrs	15	2	155	3	678	2	187	2								
		23	21-25 hrs	8	1	70	1	299	1	93	1								
		28	26-30 hrs	3	0	29	1	115	0	32	0								
		33	More than 30 hrs	7	1	46	1	250	1	72	1								
	Total			556	100	5,944	100	32,640	100	8,649	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	10	2	210	4	852	3	252	3	<b>10.5</b>	10.1	.05	10.8	-0.04	10.7	-0.03	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	184	32	1,740	30	8,740	27	2,398	27								
		8	6-10 hrs	156	28	1,716	28	9,646	29	2,492	29								
		13	11-15 hrs	96	17	1,024	16	5,980	18	1,508	17								
		18	16-20 hrs	50	10	659	11	3,831	12	1,044	12								
		23	21-25 hrs	23	4	259	4	1,611	5	442	5								
		28	26-30 hrs	16	3	120	2	787	2	211	2								
		33	More than 30 hrs	23	5	249	4	1,309	4	339	4								
	Total			558	100	5,977	100	32,756	100	8,686	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	384	71	3,506	57	22,369	66	5,686	65	<b>4.2</b>	6.8 *** ▽	-.24	5.3 ** ▽	-.11	5.8 *** ▽	-.16
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	62	11	830	13	3,483	11	883	10							
	8	6-10 hrs	27	4	366	6	1,507	5	423	5								
	13	11-15 hrs	18	3	252	4	1,063	3	311	4								
	18	16-20 hrs	11	2	244	5	862	3	263	3								
	23	21-25 hrs	8	1	105	2	427	1	126	2								
	28	26-30 hrs	4	1	78	1	331	1	92	1								
	33	More than 30 hrs	42	7	584	11	2,698	9	873	10								
	Total		556	100	5,965	100	32,740	100	8,657	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	60	10	542	11	4,072	13	1,025	12	<b>5.2</b>	6.2 *** ▽	-.16	5.1	.01	5.3	-.01
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	318	57	3,062	48	19,793	58	5,150	58							
	8	6-10 hrs	119	22	1,547	26	5,832	18	1,564	18								
	13	11-15 hrs	38	6	441	7	1,700	5	493	6								
	18	16-20 hrs	12	2	189	3	693	2	229	3								
	23	21-25 hrs	5	1	74	1	283	1	90	1								
	28	26-30 hrs	2	0	40	1	157	1	33	0								
	33	More than 30 hrs	4	1	91	2	363	1	125	1								
	Total		558	100	5,986	100	32,893	100	8,709	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	90	18	847	15	5,086	15	1,330	16	<b>2.8</b>	2.8	-.06	2.8	-.05	2.8	-.04
		2	Some	152	28	1,640	28	9,116	28	2,387	28							
		3	About half	136	23	1,631	28	8,588	26	2,398	27							
		4	Most	122	21	1,263	21	6,913	21	1,758	20							
		5	Almost all	62	10	581	9	3,136	9	825	9							
		Total			562	100	5,962	100	32,839	100	8,698							
tmreadinghrs												<b>6.6</b>	7.0	-.06	7.0	-.06	6.7	-.01
(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)																		

\*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

## University of North Carolina at Charlotte

### 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 Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
	tmreadinghrscol	1	0 hrs	3	1	16	0	102	0	27	0						
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	278	51	2,916	49	15,842	49	4,376	51						
		3	More than 5, up to 10 hrs	149	27	1,721	29	9,422	29	2,468	28						
		4	More than 10, up to 15 hrs	64	11	605	10	3,440	10	852	10						
		5	More than 15, up to 20 hrs	33	6	321	5	1,905	6	448	5						
		6	More than 20, up to 25 hrs	18	3	234	4	1,353	4	329	4						
		7	More than 25 hrs	12	2	118	2	607	2	157	2						
		Total			557	100	5,931	100	32,671	100	8,657	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	30	6	449	8	2,312	7	537	6	<b>3.0</b>	2.9 *	.10	3.0	.04	3.0	.03	
		2	Some	136	26	1,480	24	7,650	23	2,032	23								Δ
		3	Quite a bit	181	31	2,266	37	12,048	36	3,215	37								
		4	Very much	214	37	1,773	31	10,866	34	2,928	33								
		Total		561	100	5,968	100	32,876	100	8,712	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	33	6	534	10	2,768	9	650	8	<b>3.0</b>	2.8 **	.12	2.9	.07	2.9	.06	
		2	Some	137	24	1,511	26	8,106	24	2,133	25								Δ
		3	Quite a bit	196	36	2,160	35	11,896	36	3,157	36								
		4	Very much	194	33	1,741	30	9,987	31	2,742	31								
		Total		560	100	5,946	100	32,757	100	8,682	100								
c. Thinking critically and analytically	pgthink	1	Very little	17	3	187	3	888	3	230	3	<b>3.3</b>	3.2	.08	3.3	-.02	3.3	.02	
		2	Some	74	14	869	15	4,127	13	1,174	14								
		3	Quite a bit	195	35	2,286	38	11,942	36	3,297	38								
		4	Very much	271	48	2,607	44	15,824	48	3,988	46								
		Total		557	100	5,949	100	32,781	100	8,689	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	57	9	548	9	3,217	10	900	10	<b>2.9</b>	2.9	-.02	2.9	-.01	2.9	.03	
		2	Some	143	24	1,515	25	8,192	25	2,313	26								
		3	Quite a bit	188	34	1,985	33	10,399	32	2,831	33								
		4	Very much	172	32	1,895	33	10,941	34	2,629	31								
		Total		560	100	5,943	100	32,749	100	8,673	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

## University of North Carolina at Charlotte

### 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>						
				UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's			
				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	51	10	682	12	2,898	9	745	9	<b>2.9</b>	2.8	.05	2.9	-.07	3.0 *	-.10
		2	Some	143	25	1,443	25	7,480	23	1,857	22							
		3	Quite a bit	191	35	2,025	34	10,875	33	2,962	34							
		4	Very much	174	31	1,796	30	11,542	34	3,113	35							
		Total		559	100	5,946	100	32,795	100	8,677	100							
f. Working effectively with others	pgothers	1	Very little	20	3	402	7	1,727	6	453	6	<b>3.1</b>	2.9 ***	.15	3.0	.03	3.0	.02
		2	Some	126	23	1,414	24	6,924	21	1,799	21							
		3	Quite a bit	211	38	2,233	37	12,285	37	3,187	37							
		4	Very much	204	36	1,893	31	11,808	36	3,234	36							
		Total		561	100	5,942	100	32,744	100	8,673	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	67	13	884	16	4,176	13	1,065	13	<b>2.8</b>	2.7 *	.10	2.8	-.01	2.8	-.01
		2	Some	153	26	1,636	27	8,349	26	2,222	26							
		3	Quite a bit	172	31	1,891	31	10,264	31	2,785	32							
		4	Very much	168	29	1,525	26	9,963	30	2,609	29							
		Total		560	100	5,936	100	32,752	100	8,681	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	55	11	754	14	4,186	13	988	12	<b>2.8</b>	2.7	.05	2.8	.04	2.8	.02
		2	Some	152	28	1,608	26	9,402	28	2,363	28							
		3	Quite a bit	181	32	1,945	32	10,235	31	2,745	31							
		4	Very much	170	29	1,647	28	8,928	29	2,581	29							
		Total		558	100	5,954	100	32,751	100	8,677	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	59	11	663	12	3,142	10	825	10	<b>2.8</b>	2.7	.05	2.8	-.04	2.8	-.03
		2	Some	154	26	1,677	28	8,746	26	2,346	27							
		3	Quite a bit	185	34	2,061	35	11,486	35	3,042	35							
		4	Very much	160	28	1,534	26	9,373	29	2,464	28							
		Total		558	100	5,935	100	32,747	100	8,677	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	89	17	986	17	5,032	15	1,224	15	<b>2.5</b>	2.6	-.03	2.6 *	-.09	2.7 *	-.11
		2	Some	181	33	1,801	30	10,055	30	2,548	30							
		3	Quite a bit	160	28	1,820	31	9,902	30	2,702	31							
		4	Very much	128	22	1,296	22	7,605	24	2,162	25							
		Total		558	100	5,903	100	32,594	100	8,636	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

## University of North Carolina at Charlotte

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
								Doc with High TR's				Your seniors compared with							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's		UNC Charlotte		Peer Institutions		Carnegie Class		Doc with High TR's	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	20	4	179	3	810	3	189	2	<b>3.1</b>	3.1	.03	3.2 ***	-.15	3.2 ***	-.17	
		2	Fair	84	15	895	15	3,712	12	915	11								
		3	Good	253	46	3,031	49	14,638	45	4,073	46								
		4	Excellent	203	35	1,865	32	13,745	41	3,552	40								
		Total		560	100	5,970	100	32,905	100	8,729	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	26	5	322	6	1,471	5	352	4	<b>3.1</b>	3.1	.03	3.2 **	-.12	3.3 ***	-.16	
		2	Probably no	82	15	865	15	4,033	12	986	12								
		3	Probably yes	234	44	2,650	43	12,610	38	3,374	39								
		4	Definitely yes	221	37	2,140	36	14,822	44	4,021	46								
		Total		563	100	5,977	100	32,936	100	8,733	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>

### University of North Carolina at Charlotte

#### 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>		
	UNC Charlotte	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	Comparisons with:			Comparisons with:			Comparisons with:						
														Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's				
1 a. askquest	709	2.71	2.75	2.77	2.74	.031	.012	.005	.009	.84	.85	.85	.86	5,795	32,107	9,729	.278	.043	.304	-.04	-.08	-.04				
b. drafts	704	2.40	2.60	2.50	2.52	.036	.014	.006	.011	.95	.97	.99	1.00	5,759	737	830	.000	.007	.001	-.21	-.10	-.13				
c. unpreparedr	700	3.02	2.94	2.96	2.96	.029	.011	.004	.008	.76	.80	.78	.79	929	31,605	823	.015	.056	.056	.09	.07	.07				
d. attendart	699	1.70	1.81	1.95	1.97	.032	.013	.005	.010	.84	.91	.93	.94	5,693	31,456	9,552	.002	.000	.000	-.12	-.27	-.29				
e. CLaskhelp	698	2.66	2.60	2.65	2.61	.032	.013	.005	.009	.85	.88	.87	.87	5,667	31,360	9,513	.080	.714	.157	.07	.01	.06				
f. CLexplain	697	2.82	2.72	2.76	2.72	.030	.012	.005	.009	.79	.83	.81	.82	926	31,213	817	.003	.079	.002	.12	.07	.12				
g. CLstudy	695	2.67	2.57	2.60	2.55	.035	.014	.005	.010	.92	.98	.96	.95	928	729	817	.007	.040	.001	.10	.08	.13				
h. CLproject	693	2.76	2.66	2.66	2.60	.031	.012	.005	.009	.83	.86	.85	.86	916	727	816	.002	.001	.000	.12	.12	.19				
i. present	695	2.21	2.30	2.25	2.15	.033	.013	.005	.009	.88	.89	.89	.88	5,596	30,856	9,368	.011	.266	.101	-.10	-.04	.06				
2 a. RIntegrate	681	2.58	2.66	2.65	2.63	.032	.012	.005	.009	.84	.85	.84	.84	5,465	29,992	9,114	.015	.026	.112	-.10	-.09	-.06				
b. RIsocietal	670	2.54	2.60	2.59	2.59	.033	.013	.005	.009	.84	.87	.86	.87	5,411	29,744	9,034	.143	.178	.226	-.06	-.05	-.05				
c. RIdiverse	673	2.58	2.57	2.56	2.57	.033	.013	.005	.010	.85	.90	.89	.90	904	707	799	.767	.454	.703	.01	.03	.01				
d. Rlownview	673	2.73	2.79	2.76	2.77	.030	.012	.005	.009	.77	.82	.82	.82	5,377	708	801	.069	.315	.213	-.08	-.04	-.05				
e. Rlperspect	668	2.85	2.91	2.88	2.89	.032	.012	.005	.009	.82	.83	.82	.82	5,364	29,344	8,924	.072	.350	.202	-.07	-.04	-.05				
f. Rlnewview	661	2.76	2.87	2.84	2.83	.032	.012	.005	.009	.82	.80	.80	.80	846	29,198	8,887	.001	.015	.039	-.14	-.10	-.08				
g. Rlconnect	661	3.00	3.05	3.05	3.02	.030	.011	.005	.009	.78	.76	.76	.77	5,322	29,074	8,827	.180	.147	.494	-.06	-.06	-.03				
3 a. SFcareer	657	2.21	2.24	2.18	2.24	.034	.014	.005	.010	.87	.94	.91	.91	883	29,072	776	.505	.427	.485	-.03	.03	-.03				
b. SFotherwork	651	1.66	1.74	1.73	1.77	.033	.013	.005	.010	.85	.91	.90	.92	873	28,955	776	.027	.029	.001	-.09	-.09	-.12				
c. SFdiscuss	649	1.84	1.98	1.98	1.98	.034	.013	.005	.010	.86	.91	.89	.89	5,298	28,861	8,785	.000	.000	.000	-.16	-.16	-.15				
d. SFperform	644	2.07	2.14	2.09	2.12	.033	.013	.005	.010	.83	.90	.88	.89	868	676	764	.033	.524	.165	-.08	-.02	-.05				
4 a. memorize	642	3.02	3.00	2.97	3.02	.030	.012	.005	.009	.76	.82	.81	.79	861	675	756	.634	.120	.878	.02	.06	-.01				
b. HOapply	643	2.96	2.98	2.97	2.93	.031	.012	.005	.009	.78	.81	.81	.81	5,262	674	757	.601	.732	.280	-.02	-.01	.04				
c. HOanalyze	639	2.93	2.97	2.95	2.92	.031	.012	.005	.009	.80	.82	.82	.82	5,237	28,533	8,658	.365	.629	.710	-.04	-.02	.02				
d. HOevaluate	640	2.89	2.93	2.89	2.89	.032	.012	.005	.009	.82	.82	.82	.82	5,251	28,561	8,676	.171	.858	.826	-.06	-.01	-.01				
e. HOform	639	2.86	2.90	2.86	2.86	.033	.012	.005	.009	.83	.84	.84	.83	5,231	28,497	8,643	.230	.972	.991	-.05	.00	.00				
5 a. ETgoals	644	3.01	3.10	3.07	3.08	.030	.011	.005	.009	.77	.78	.78	.78	840	674	752	.004	.062	.031	-.12	-.07	-.09				
b. ETorganize	643	2.91	3.02	3.02	3.03	.032	.012	.005	.009	.80	.82	.79	.80	5,247	28,598	8,687	.003	.001	.000	-.13	-.14	-.15				
c. ETexample	639	2.97	3.02	3.03	3.03	.033	.012	.005	.009	.83	.85	.83	.83	5,245	28,517	8,658	.107	.048	.050	-.07	-.08	-.08				
d. ETdraftfb	639	2.62	2.86	2.79	2.83	.035	.014	.006	.010	.89	.92	.92	.91	5,239	28,526	8,669	.000	.000	.000	-.26	-.18	-.23				
e. ETfeedback	638	2.55	2.72	2.69	2.71	.034	.014	.005	.010	.86	.93	.91	.92	854	28,416	758	.000	.000	.000	-.19	-.16	-.18				

# NSSE 2016 Frequencies and Statistical Comparisons

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

### University of North Carolina at Charlotte

#### 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>		
	UNC Charlotte	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	Comparisons with:			Comparisons with:			Comparisons with:						
														Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's				
6 a. QRconclude	642	2.62	2.64	2.61	2.61	.034	.013	.005	.010	.86	.89	.90	.90	5,263	674	8,680	.644	.737	.807	-.02	.01	.01				
b. QRproblem	636	2.32	2.38	2.31	2.32	.036	.014	.006	.010	.90	.93	.93	.93	5,235	28,508	8,644	.122	.738	.994	-.07	.01	.00				
c. QRevaluate	638	2.25	2.36	2.31	2.30	.034	.013	.005	.010	.86	.90	.90	.92	843	670	758	.003	.076	.143	-.12	-.07	-.06				
7 a. wrshortnum	582	6.61	6.05	6.65	6.11	.251	.078	.035	.062	6.05	5.00	5.61	5.30	696	604	655	.034	.894	.052	.11	-.01	.09				
b. wrmednum	564	1.88	2.08	2.18	2.03	.119	.048	.019	.035	2.82	3.07	3.02	2.92	4,617	25,324	7,610	.146	.018	.237	-.07	-.10	-.05				
c. wrlongnum	556	.77	.81	.80	.73	.102	.040	.016	.030	2.41	2.52	2.50	2.51	4,522	24,784	7,441	.704	.783	.766	-.02	-.01	.01				
— wrpages	552	45.11	45.23	47.53	43.62	2.605	.978	.383	.708	61.17	61.22	59.25	58.37	4,467	24,493	7,348	.966	.343	.568	.00	-.04	.03				
8 a. DDrace	583	3.21	3.15	3.03	3.08	.035	.014	.006	.011	.84	.89	.92	.91	4,776	26,091	7,853	.170	.000	.001	.06	.19	.14				
b. DDeconomic	584	3.12	3.09	3.04	3.07	.035	.014	.006	.010	.86	.90	.88	.89	4,760	26,005	7,828	.353	.036	.175	.04	.09	.06				
c. DDreligion	580	3.05	3.01	2.96	3.00	.037	.015	.006	.011	.90	.95	.95	.94	4,759	25,988	7,828	.379	.033	.279	.04	.09	.05				
d. DDpolitical	581	3.05	2.99	2.97	3.01	.037	.015	.006	.011	.88	.94	.93	.92	777	610	7,798	.097	.025	.264	.07	.09	.05				
9 a. LSreading	577	2.96	3.08	3.08	3.05	.032	.012	.005	.009	.77	.77	.77	.78	4,735	25,873	7,790	.000	.000	.006	-.16	-.15	-.12				
b. LSnotes	578	2.86	2.93	2.89	2.92	.037	.014	.006	.011	.90	.90	.89	.89	4,718	25,827	7,775	.072	.386	.100	-.08	-.04	-.07				
c. LSsummary	573	2.75	2.84	2.79	2.82	.037	.014	.006	.011	.89	.90	.90	.90	4,691	25,604	7,722	.020	.297	.086	-.10	-.04	-.07				
10. challenge	576	5.47	5.46	5.52	5.52	.050	.018	.007	.013	1.20	1.19	1.13	1.14	4,723	598	660	.795	.375	.333	.01	-.04	-.04				
11 a. intern <sup>l</sup>	572	.085	.089	.084	.081	.0117	.0044	.0017	.0032	--	--	--	--	--	--	--	.769	.868	.691	-.01	.01	.02				
b. leader <sup>l</sup>	571	.102	.097	.119	.115	.0127	.0046	.0020	.0038	--	--	--	--	--	--	--	.718	.214	.335	.02	-.05	-.04				
c. learncom <sup>l</sup>	565	.228	.142	.165	.144	.0177	.0054	.0023	.0042	--	--	--	--	--	--	--	.000	.000	.000	.22	.16	.22				
d. abroad <sup>l</sup>	567	.030	.031	.034	.035	.0071	.0027	.0011	.0022	--	--	--	--	--	--	--	.907	.595	.488	-.01	-.02	-.03				
e. research <sup>l</sup>	566	.044	.046	.053	.049	.0086	.0033	.0014	.0026	--	--	--	--	--	--	--	.762	.312	.592	-.01	-.04	-.02				
f. capstone <sup>l</sup>	570	.018	.035	.026	.035	.0056	.0029	.0010	.0022	--	--	--	--	--	--	--	.029	.219	.031	-.11	-.06	-.11				
12. servcourse	567	1.51	1.62	1.58	1.62	.027	.011	.004	.008	.63	.68	.66	.66	4,621	25,373	7,639	.000	.015	.000	-.16	-.10	-.16				
13 a. QIstudent	569	5.43	5.37	5.49	5.46	.054	.022	.009	.016	1.30	1.43	1.36	1.37	774	25,443	674	.302	.345	.621	.04	-.04	-.02				
b. QIadvisor	563	5.07	5.00	5.10	5.12	.070	.027	.011	.021	1.66	1.74	1.71	1.71	4,585	24,817	7,545	.401	.617	.462	.04	-.02	-.03				
c. QIfaculty	567	5.05	5.04	5.18	5.16	.056	.024	.009	.018	1.33	1.52	1.44	1.48	789	598	686	.781	.032	.074	.01	-.08	-.07				
d. QIstaff	515	5.05	4.80	4.95	4.98	.069	.029	.011	.020	1.57	1.74	1.66	1.66	708	23,107	7,067	.001	.187	.342	.15	.06	.04				
e. QIadmin	495	4.80	4.71	4.83	4.83	.074	.028	.011	.021	1.64	1.75	1.69	1.70	650	23,452	7,137	.243	.706	.736	.05	-.02	-.02				
14 a. empstudy	521	3.19	3.18	3.19	3.16	.032	.013	.005	.009	.74	.77	.75	.75	4,331	23,973	7,155	.677	.991	.302	.02	.00	.05				
b. SEacademic	518	3.11	3.06	3.08	3.08	.036	.014	.005	.010	.82	.85	.83	.84	4,304	23,778	7,087	.208	.308	.465	.06	.05	.03				
c. SElearnsup	514	3.18	3.12	3.12	3.13	.037	.015	.006	.011	.84	.90	.88	.89	4,275	23,743	7,077	.206	.118	.206	.06	.07	.06				



# NSSE 2016 Frequencies and Statistical Comparisons

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

### University of North Carolina at Charlotte

#### 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>		
	UNC Charlotte	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	Comparisons with:			Comparisons with:			Comparisons with:						
														Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's				
d. SEdiverse	516	2.78	2.77	2.71	2.79	.040	.016	.006	.012	.91	.98	.97	.97	685	541	609	.815	.091	.855	.01	.07	-.01				
e. SEsocial	513	2.98	2.96	3.00	3.02	.039	.015	.006	.011	.88	.91	.88	.88	4,286	23,714	7,060	.743	.485	.236	.02	-.03	-.05				
f. SEwellness	513	2.97	2.98	2.98	3.02	.037	.015	.006	.011	.83	.91	.90	.89	691	539	607	.808	.768	.217	-.01	-.01	-.05				
g. SEnonacad	515	2.26	2.41	2.37	2.44	.040	.016	.006	.012	.92	1.01	.98	.99	696	541	612	.000	.004	.000	-.16	-.12	-.19				
h. SEactivities	514	2.85	2.83	2.91	2.95	.042	.015	.006	.011	.94	.94	.91	.89	4,275	23,597	587	.770	.120	.014	.01	-.07	-.12				
i. SEevents	512	2.45	2.55	2.58	2.61	.042	.016	.006	.012	.94	.99	.96	.96	674	23,539	7,009	.022	.002	.000	-.10	-.14	-.17				
15 a. tmprephrs	515	14.77	13.75	14.74	13.81	.358	.136	.055	.099	8.13	8.36	8.39	8.04	4,300	23,698	7,063	.009	.942	.009	.12	.00	.12				
b. tmcocurrhrs	510	4.59	5.15	5.54	5.45	.267	.114	.045	.084	6.03	7.01	6.76	6.76	709	538	614	.052	.000	.002	-.08	-.14	-.13				
c. tmworkonhrs	512	1.51	2.53	2.37	2.31	.199	.099	.038	.072	4.49	6.09	5.71	5.81	790	548	652	.000	.000	.000	-.17	-.15	-.14				
d. tmworkoffhrs	509	5.37	7.10	4.39	4.80	.413	.170	.057	.111	9.33	10.42	8.62	8.92	692	528	584	.000	.019	.185	-.17	.11	.06				
— tmworkhrs	505	6.78	9.57	6.68	6.99	.452	.199	.070	.136	10.17	12.15	10.57	10.92	714	23,407	6,966	.000	.828	.677	-.23	.01	-.02				
e. tmservicehrs	508	2.72	2.94	2.47	2.65	.235	.086	.030	.061	5.29	5.24	4.57	4.87	4,234	524	6,972	.384	.282	.768	-.04	.06	.01				
f. tmrelaxhrs	512	12.60	12.16	12.55	12.68	.361	.138	.056	.106	8.18	8.45	8.44	8.55	4,265	23,482	7,005	.266	.881	.833	.05	.01	-.01				
g. tmcarehrs	511	1.61	3.20	2.15	2.16	.205	.112	.039	.074	4.62	6.86	5.94	5.97	851	548	651	.000	.010	.013	-.24	-.09	-.09				
h. tmcommutehrs	513	3.87	5.21	4.09	4.30	.244	.102	.038	.073	5.52	6.24	5.73	5.87	702	23,584	7,046	.000	.383	.107	-.22	-.04	-.07				
16. reading	513	2.66	2.69	2.71	2.65	.048	.018	.007	.013	1.08	1.09	1.11	1.08	4,248	23,468	6,978	.511	.291	.946	-.03	-.05	.00				
— tmreadinghrs	511	6.33	6.12	6.61	6.07	.241	.093	.039	.070	5.45	5.69	5.87	5.58	4,228	536	6,940	.424	.249	.306	.04	-.05	.05				
17 a. pgwrite	508	2.72	2.86	2.79	2.81	.038	.014	.006	.011	.87	.88	.89	.89	4,255	23,500	7,005	.001	.084	.039	-.15	-.08	-.10				
b. pgspeak	509	2.52	2.69	2.64	2.65	.040	.015	.006	.011	.91	.93	.93	.92	4,245	23,418	6,967	.000	.003	.002	-.18	-.13	-.15				
c. pgthink	512	3.04	3.03	3.06	3.02	.036	.014	.005	.010	.81	.84	.82	.83	4,254	23,414	6,988	.814	.611	.634	.01	-.02	.02				
d. pganalyze	511	2.64	2.70	2.65	2.60	.042	.015	.006	.012	.95	.94	.96	.95	4,245	23,388	6,978	.191	.837	.363	-.06	-.01	.04				
e. pgwork	508	2.45	2.57	2.58	2.58	.043	.016	.006	.012	.97	.99	.97	.97	4,248	23,420	6,988	.011	.004	.005	-.12	-.13	-.13				
f. pgothers	510	2.84	2.79	2.80	2.81	.037	.015	.006	.011	.85	.90	.90	.89	677	535	603	.226	.251	.460	.05	.05	.03				
g. pgvalues	509	2.58	2.64	2.65	2.66	.043	.016	.006	.012	.97	.97	.97	.97	4,246	23,388	6,973	.153	.091	.048	-.07	-.08	-.09				
h. pgdiverse	510	2.74	2.78	2.71	2.78	.042	.016	.006	.012	.95	.95	.96	.95	4,229	23,384	6,973	.290	.540	.355	-.05	.03	-.04				
i. pgprobsolve	510	2.53	2.62	2.61	2.60	.042	.016	.006	.012	.95	.95	.94	.95	4,236	23,383	6,966	.057	.077	.111	-.09	-.08	-.07				
j. pgcitizen	511	2.49	2.60	2.60	2.61	.041	.016	.006	.012	.94	.95	.96	.95	4,230	23,293	6,949	.010	.011	.005	-.12	-.11	-.13				
18. evalexp	512	3.15	3.10	3.20	3.19	.031	.012	.005	.009	.69	.72	.72	.70	4,253	536	7,002	.115	.152	.288	.07	-.06	-.05				
19. sameinst	514	3.21	3.08	3.23	3.23	.035	.013	.005	.010	.79	.81	.80	.78	4,259	23,530	7,013	.001	.444	.489	.15	-.03	-.03				

# NSSE 2016 Frequencies and Statistical Comparisons

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

### University of North Carolina at Charlotte

#### 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>		
	UNC Charlotte	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	Comparisons with:			Comparisons with:			Comparisons with:						
														Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's				
1 a. askquest	705	2.99	2.99	3.05	3.02	.033	.011	.004	.009	.88	.88	.87	.88	7,766	38,745	10,696	.914	.067	.415	.00	-.07	-.03				
b. drafts	701	2.37	2.40	2.38	2.43	.040	.012	.005	.010	1.05	1.02	1.01	1.01	7,684	38,386	10,592	.435	.765	.164	-.03	-.01	-.05				
c. unpreparedr	695	2.95	2.92	2.92	2.96	.032	.010	.004	.008	.85	.82	.81	.81	7,642	38,151	10,523	.337	.261	.865	.04	.04	-.01				
d. attendart	690	1.59	1.74	1.84	1.79	.030	.011	.005	.009	.78	.89	.92	.90	882	725	826	.000	.000	.000	-.17	-.27	-.22				
e. CLaskhelp	692	2.51	2.43	2.50	2.49	.034	.011	.005	.009	.90	.91	.90	.90	7,588	37,910	10,453	.039	.841	.606	.08	.01	.02				
f. CLexplain	689	2.81	2.75	2.81	2.79	.031	.010	.004	.009	.83	.85	.84	.84	7,574	37,732	10,400	.078	.886	.499	.07	-.01	.03				
g. CLstudy	688	2.58	2.51	2.55	2.54	.038	.012	.005	.010	1.00	1.01	1.00	1.00	7,563	37,668	10,390	.108	.595	.359	.06	.02	.04				
h. CLproject	686	2.98	2.85	2.92	2.87	.033	.011	.005	.009	.86	.91	.90	.92	848	713	799	.000	.111	.003	.14	.06	.11				
i. present	689	2.82	2.58	2.68	2.63	.036	.012	.005	.010	.94	.97	.96	.97	843	37,389	796	.000	.000	.000	.25	.14	.19				
2 a. RIntegrate	676	2.94	2.96	3.01	3.00	.032	.010	.004	.009	.83	.85	.83	.83	7,372	36,498	10,076	.538	.040	.086	-.02	-.08	-.07				
b. RIsocietal	674	2.77	2.74	2.81	2.80	.036	.011	.005	.009	.94	.92	.91	.91	7,330	36,150	9,998	.513	.254	.327	.03	-.04	-.04				
c. RIdiverse	671	2.52	2.52	2.58	2.56	.040	.012	.005	.010	1.04	.99	.98	.98	798	692	758	.994	.187	.372	.00	-.05	-.04				
d. Rlownview	669	2.79	2.80	2.83	2.81	.034	.011	.005	.009	.87	.86	.85	.85	7,286	35,969	9,948	.716	.225	.403	-.01	-.05	-.03				
e. Rlperspect	663	2.89	2.92	2.94	2.94	.034	.010	.004	.009	.88	.85	.84	.84	7,256	686	753	.458	.203	.199	-.03	-.05	-.05				
f. RInewview	661	2.91	2.90	2.93	2.92	.032	.010	.004	.008	.83	.81	.81	.81	7,232	35,747	9,882	.904	.410	.695	.00	-.03	-.02				
g. Rlconnect	663	3.13	3.16	3.21	3.20	.030	.009	.004	.008	.77	.76	.75	.75	7,221	35,625	9,857	.326	.015	.041	-.04	-.10	-.08				
3 a. SFcareer	654	2.26	2.28	2.39	2.40	.038	.012	.005	.010	.96	.97	.97	.97	7,192	678	751	.656	.001	.000	-.02	-.13	-.14				
b. SFotherwork	657	1.84	1.84	1.96	1.94	.038	.012	.005	.011	.97	1.00	1.02	1.02	7,172	35,504	9,822	.857	.002	.012	-.01	-.12	-.10				
c. SFdiscuss	653	2.10	2.09	2.20	2.19	.036	.012	.005	.010	.93	.96	.95	.97	7,167	678	756	.690	.012	.021	.02	-.10	-.09				
d. SFperform	649	2.15	2.14	2.18	2.21	.035	.011	.005	.010	.89	.91	.92	.92	7,138	35,359	750	.896	.345	.090	.01	-.04	-.07				
4 a. memorize	657	2.88	2.82	2.78	2.81	.035	.011	.005	.009	.91	.89	.90	.89	7,170	35,474	9,809	.103	.007	.040	.07	.11	.08				
b. HOapply	653	3.15	3.10	3.13	3.12	.032	.010	.004	.008	.83	.81	.80	.81	7,129	35,341	9,778	.113	.484	.292	.06	.03	.04				
c. HOanalyze	656	3.09	3.04	3.07	3.06	.032	.011	.005	.009	.82	.85	.84	.83	7,147	35,246	9,752	.198	.652	.448	.05	.02	.03				
d. HOevaluate	659	2.91	2.88	2.90	2.90	.035	.011	.005	.009	.89	.90	.89	.88	7,127	35,192	9,745	.444	.629	.793	.03	.02	.01				
e. HOform	656	2.89	2.93	2.94	2.94	.034	.011	.005	.009	.88	.87	.86	.86	7,117	35,143	9,719	.266	.132	.145	-.05	-.06	-.06				
5 a. ETgoals	660	3.16	3.14	3.14	3.17	.029	.010	.004	.008	.74	.80	.79	.78	824	35,382	770	.481	.443	.838	.03	.03	-.01				
b. ETorganize	657	3.09	3.07	3.08	3.09	.031	.010	.004	.008	.80	.82	.80	.81	7,143	35,282	9,767	.568	.715	.975	.02	.01	.00				
c. ETexample	658	3.12	3.09	3.12	3.14	.032	.010	.004	.009	.82	.84	.83	.83	7,123	35,247	9,750	.347	.892	.582	.04	-.01	-.02				
d. ETdraftfb	653	2.74	2.68	2.72	2.77	.038	.012	.005	.010	.98	.98	.97	.97	7,116	35,192	9,747	.125	.554	.359	.06	.02	-.04				
e. ETfeedback	652	2.81	2.79	2.81	2.84	.034	.011	.005	.010	.87	.91	.91	.91	804	678	9,726	.534	.901	.407	.02	.00	-.03				

# NSSE 2016 Frequencies and Statistical Comparisons

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

### University of North Carolina at Charlotte

#### 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>		
	UNC Charlotte	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	Comparisons with:			Comparisons with:			Comparisons with:						
														Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's				
6 a. QRconclude	659	2.61	2.72	2.70	2.66	.037	.012	.005	.010	.95	.94	.95	.95	7,145	35,306	9,781	.005	.021	.186	-.11	-.09	-.05				
b. QRproblem	658	2.37	2.47	2.46	2.44	.039	.012	.005	.010	1.00	.98	.98	.98	7,130	35,239	9,774	.013	.020	.073	-.10	-.09	-.07				
c. QRevaluate	653	2.41	2.46	2.47	2.43	.037	.012	.005	.010	.95	.95	.95	.95	7,117	35,164	9,743	.254	.148	.598	-.05	-.06	-.02				
7 a. wrshortnum	584	7.29	6.69	7.20	6.83	.262	.083	.037	.070	6.34	6.39	6.51	6.34	6,507	32,091	8,845	.029	.743	.089	.09	.01	.07				
b. wrmednum	579	3.70	3.30	3.25	3.09	.183	.055	.023	.044	4.41	4.24	4.06	3.99	6,427	597	647	.029	.014	.001	.10	.11	.15				
c. wrlongnum	577	2.10	1.99	1.88	1.79	.154	.049	.020	.039	3.70	3.74	3.51	3.52	6,318	31,203	8,602	.516	.138	.044	.03	.06	.09				
— wrpages	560	79.69	74.31	73.62	69.69	3.798	1.224	.489	.953	89.84	91.59	84.54	84.22	6,162	30,407	8,371	.184	.093	.007	.06	.07	.12				
8 a. DDrace	607	3.18	3.16	3.06	3.09	.038	.012	.005	.010	.93	.92	.93	.93	6,677	32,904	9,084	.629	.002	.033	.02	.12	.09				
b. DDeconomic	604	3.15	3.10	3.08	3.09	.037	.012	.005	.010	.91	.91	.89	.88	6,661	32,826	9,055	.173	.056	.134	.06	.08	.06				
c. DDreligion	604	3.04	3.03	2.97	3.01	.040	.012	.005	.010	.98	.95	.96	.94	6,646	32,769	9,044	.740	.095	.449	.01	.07	.03				
d. DDpolitical	604	3.04	3.02	3.01	3.05	.039	.012	.005	.010	.95	.94	.93	.92	6,636	32,666	9,009	.621	.532	.776	.02	.03	-.01				
9 a. LSreading	599	3.09	3.17	3.17	3.17	.035	.010	.004	.009	.85	.80	.81	.80	6,638	32,716	9,039	.027	.018	.020	-.09	-.10	-.10				
b. LSnotes	597	2.86	2.93	2.85	2.92	.037	.012	.005	.010	.90	.92	.94	.92	6,629	32,646	9,008	.097	.639	.195	-.07	.02	-.05				
c. LSsummary	596	2.84	2.88	2.83	2.89	.036	.012	.005	.010	.88	.92	.92	.91	6,569	32,331	8,950	.326	.805	.192	-.04	.01	-.06				
10. challenge	595	5.62	5.63	5.61	5.67	.052	.016	.007	.013	1.26	1.23	1.20	1.18	6,601	614	670	.945	.827	.368	.00	.01	-.04				
11 a. intern <sup>l</sup>	598	.475	.443	.518	.457	.0204	.0064	.0028	.0054	--	--	--	--	--	--	--	.133	.035	.389	.06	-.09	.04				
b. leader <sup>l</sup>	594	.297	.280	.373	.341	.0188	.0058	.0027	.0052	--	--	--	--	--	--	--	.386	.000	.027	.04	-.16	-.10				
c. learncom <sup>l</sup>	596	.220	.220	.260	.249	.0170	.0054	.0025	.0047	--	--	--	--	--	--	--	.990	.028	.107	.00	-.09	-.07				
d. abroad <sup>l</sup>	598	.104	.093	.146	.103	.0125	.0038	.0020	.0033	--	--	--	--	--	--	--	.365	.004	.944	.04	-.13	.00				
e. research <sup>l</sup>	597	.189	.197	.250	.209	.0160	.0052	.0024	.0045	--	--	--	--	--	--	--	.642	.001	.246	-.02	-.15	-.05				
f. capstone <sup>l</sup>	594	.487	.361	.444	.416	.0205	.0062	.0028	.0054	--	--	--	--	--	--	--	.000	.039	.001	.25	.09	.14				
12. servcourse	598	1.65	1.67	1.72	1.73	.028	.009	.004	.008	.68	.70	.69	.69	6,533	32,335	8,909	.473	.019	.004	-.03	-.10	-.12				
13 a. Qlstudent	595	5.49	5.56	5.66	5.68	.051	.018	.007	.014	1.24	1.34	1.30	1.29	743	32,204	8,853	.142	.002	.000	-.06	-.13	-.15				
b. Qladvisor	596	4.82	4.91	5.06	5.19	.075	.024	.010	.019	1.84	1.85	1.79	1.76	6,480	31,936	8,838	.251	.001	.000	-.05	-.13	-.21				
c. Qlfaculty	596	5.38	5.35	5.46	5.51	.053	.018	.008	.015	1.29	1.42	1.39	1.38	747	32,085	8,850	.580	.176	.030	.02	-.06	-.09				
d. Qlstaff	501	4.92	4.71	4.84	4.96	.075	.026	.011	.020	1.68	1.79	1.72	1.70	631	27,084	7,418	.008	.277	.667	.12	.05	-.02				
e. Qladmin	550	4.85	4.69	4.77	4.89	.069	.023	.010	.019	1.61	1.76	1.73	1.71	685	573	639	.025	.257	.585	.09	.05	-.02				
14 a. empstudy	569	3.23	3.14	3.18	3.15	.033	.010	.004	.009	.78	.77	.77	.77	6,285	30,862	8,494	.011	.103	.013	.11	.07	.11				
b. SEacademic	566	2.88	2.86	2.93	2.95	.035	.011	.005	.010	.84	.85	.86	.86	6,223	30,622	8,423	.507	.225	.079	.03	-.05	-.08				
c. SElearnsup	568	2.82	2.84	2.85	2.89	.039	.012	.005	.011	.92	.92	.93	.93	6,231	30,630	8,436	.545	.457	.090	-.03	-.03	-.07				

# NSSE 2016 Frequencies and Statistical Comparisons

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

### University of North Carolina at Charlotte

#### 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>		
	UNC Charlotte	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	UNC Charlotte	Peer Institutions	Carnegie Class	Doc with High TR's	Comparisons with:			Comparisons with:			Comparisons with:						
														Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's	Peer Institutions	Carnegie Class	Doc with High TR's				
d. SEdiverse	568	2.54	2.60	2.54	2.57	.041	.013	.006	.011	.97	.99	1.00	1.00	6,233	30,614	8,427	.145	.934	.500	-.06	.00	-.03				
e. SEsocial	566	2.75	2.78	2.86	2.87	.037	.012	.005	.010	.88	.92	.91	.90	6,242	30,593	8,412	.568	.005	.004	-.03	-.12	-.13				
f. SEwellness	564	2.69	2.71	2.79	2.80	.039	.013	.005	.011	.91	.94	.95	.94	6,219	30,544	8,385	.735	.012	.010	-.01	-.11	-.11				
g. SEnonacad	566	1.99	2.02	2.07	2.09	.041	.013	.006	.011	.98	.98	.99	.99	6,227	30,497	8,391	.554	.053	.021	-.03	-.08	-.10				
h. SEactivities	563	2.56	2.55	2.70	2.71	.040	.013	.006	.011	.95	.95	.96	.96	6,203	30,414	8,366	.977	.001	.000	.00	-.15	-.17				
i. SEevents	562	2.27	2.37	2.43	2.42	.040	.013	.006	.011	.94	.95	.96	.97	6,212	583	649	.018	.000	.000	-.10	-.17	-.16				
15 a. tmprephrs	558	14.64	14.69	14.93	14.21	.390	.117	.052	.099	9.22	8.83	8.93	8.74	6,223	30,458	631	.890	.444	.293	-.01	-.03	.05				
b. tmcocurrhrs	549	3.96	4.17	4.82	4.55	.270	.086	.039	.075	6.33	6.47	6.79	6.58	6,186	572	635	.478	.002	.037	-.03	-.13	-.09				
c. tmworkonhrs	555	2.76	3.44	4.16	4.08	.261	.097	.044	.088	6.15	7.32	7.60	7.77	718	586	686	.015	.000	.000	-.09	-.18	-.17				
d. tmworkoffhrs	557	12.44	14.31	11.33	12.09	.520	.179	.074	.148	12.28	13.40	12.72	13.05	693	578	649	.001	.036	.522	-.14	.09	.03				
— tmworkhrs	552	15.12	17.66	15.39	16.08	.537	.179	.076	.150	12.62	13.40	12.98	13.18	680	30,084	640	.000	.640	.087	-.19	-.02	-.07				
e. tmservicehrs	554	3.24	3.38	3.16	3.20	.248	.077	.031	.062	5.83	5.79	5.37	5.41	6,163	30,135	8,288	.597	.720	.838	-.02	.02	.01				
f. tmrelaxhrs	557	10.52	10.12	10.82	10.74	.347	.106	.047	.091	8.19	7.97	8.03	8.05	6,195	30,273	8,326	.262	.374	.530	.05	-.04	-.03				
g. tmcarehrs	555	4.17	6.83	5.33	5.85	.392	.148	.060	.122	9.23	11.14	10.29	10.75	723	580	667	.000	.003	.000	-.24	-.11	-.16				
h. tmcommutehrs	557	5.21	6.16	5.14	5.26	.205	.082	.032	.064	4.85	6.19	5.53	5.66	747	30,388	8,342	.000	.746	.861	-.16	.01	-.01				
16. reading	560	2.75	2.83	2.81	2.80	.053	.016	.007	.014	1.25	1.19	1.20	1.20	665	579	636	.164	.266	.380	-.06	-.05	-.04				
— tmreadinghrs	555	6.64	7.01	7.01	6.72	.263	.085	.037	.071	6.21	6.33	6.29	6.21	6,151	30,168	8,296	.187	.177	.788	-.06	-.06	-.01				
17 a. pgwrite	560	3.00	2.91	2.96	2.97	.039	.012	.005	.010	.93	.93	.92	.91	6,194	30,383	8,356	.020	.331	.502	.10	.04	.03				
b. pgspeak	559	2.96	2.85	2.90	2.91	.039	.013	.005	.011	.91	.96	.94	.93	686	30,279	8,330	.004	.120	.203	.12	.07	.06				
c. pgthink	556	3.28	3.22	3.29	3.26	.035	.011	.005	.009	.81	.82	.80	.80	6,175	30,300	8,332	.090	.695	.601	.08	-.02	.02				
d. pganalyze	559	2.89	2.90	2.89	2.85	.041	.013	.006	.011	.96	.97	.98	.97	6,168	30,260	8,319	.702	.835	.431	-.02	-.01	.03				
e. pgwork	559	2.86	2.81	2.93	2.96	.041	.013	.006	.011	.96	.99	.97	.96	6,175	30,304	8,323	.241	.119	.019	.05	-.07	-.10				
f. pgothers	560	3.05	2.92	3.03	3.04	.036	.012	.005	.010	.85	.92	.89	.89	696	30,257	8,321	.001	.497	.700	.15	.03	.02				
g. pgvalues	559	2.77	2.67	2.77	2.78	.043	.014	.006	.011	1.01	1.03	1.02	1.01	6,164	30,268	8,326	.029	.859	.780	.10	-.01	-.01				
h. pgdiverse	557	2.79	2.74	2.76	2.77	.042	.013	.006	.011	.98	1.01	1.00	1.00	6,179	30,261	8,318	.297	.407	.688	.05	.04	.02				
i. pgprobsolve	558	2.79	2.74	2.82	2.82	.041	.013	.006	.011	.98	.97	.96	.95	6,162	30,267	8,321	.286	.399	.538	.05	-.04	-.03				
j. pgcitizen	557	2.55	2.58	2.64	2.66	.043	.014	.006	.011	1.02	1.02	1.01	1.00	6,128	30,111	8,286	.501	.037	.013	-.03	-.09	-.11				
18. evalexp	560	3.12	3.10	3.23	3.25	.034	.010	.004	.008	.80	.77	.76	.74	6,194	30,414	8,370	.568	.000	.000	.03	-.15	-.17				
19. sameinst	562	3.12	3.10	3.23	3.26	.035	.011	.005	.009	.83	.85	.84	.82	6,204	583	8,377	.564	.004	.000	.03	-.12	-.16				

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### 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."