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# NSSE 2020

## Frequencies and Statistical Comparisons

North Carolina State University

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# NSSE 2020 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](https://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 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: [go.iu.edu/NSSE-weights](https://go.iu.edu/NSSE-weights)

- 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 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>							
				NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	197	20	4,397	27	845	29	75,222	33								
		3	Often	112	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	88	3	67,348	29								
		4	Very often	113	19	2,722	20	52	2	47,208	21								
			Total	626	100	15,148	100	2,858	100	229,541	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	615	100	15,858	100	2,833	100	228,352	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State				Official Peers				Carnegie				Lrg Public VH Rsrch				NC State				Official Peers				Carnegie				Lrg Public VH Rsrch			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<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	40	7	384	5	2,546	5	2,062	5	<b>2.5</b>	2.7 ***	-0.24	2.7 ***	-0.25	2.7 ***	-0.25																	
		2	Sometimes	330	50	3,576	42	22,583	41	17,905	41																								
		3	Often	203	31	2,698	34	18,509	34	14,440	34																								
		4	Very often	80	12	1,467	20	10,912	20	8,514	20																								
		Total		653	100	8,125	100	54,550	100	42,921	100																								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	27	4	419	6	3,096	6	2,472	6	<b>3.1</b>	3.0 ***	0.17	3.0 ***	0.15	3.0 ***	0.16																	
		2	Often	67	10	1,183	14	7,533	14	5,958	14																								
		3	Sometimes	370	58	4,636	57	30,528	56	23,928	56																								
		4	Never	189	28	1,851	23	13,193	24	10,389	24																								
		Total		653	100	8,089	100	54,350	100	42,747	100																								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	310	49	3,521	42	23,555	43	18,920	44	<b>1.7</b>	1.8 *	-0.08	1.8 **	-0.10	1.8 *	-0.10																	
		2	Sometimes	231	35	3,164	41	20,445	38	15,819	37																								
		3	Often	75	11	957	11	6,627	12	5,111	12																								
		4	Very often	34	5	431	5	3,590	7	2,808	7																								
		Total		650	100	8,073	100	54,217	100	42,658	100																								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	28	5	398	5	3,576	7	2,876	7	<b>2.7</b>	2.8	-0.06	2.7	0.05	2.7	0.05																	
		2	Sometimes	227	36	2,617	33	18,999	36	15,028	36																								
		3	Often	261	39	3,207	39	20,389	37	16,057	37																								
		4	Very often	133	20	1,835	23	11,171	21	8,631	20																								
		Total		649	100	8,057	100	54,135	100	42,592	100																								
e. Explained course material to one or more students	CLexplain	1	Never	17	3	239	3	1,982	4	1,597	4	<b>2.8</b>	2.8 *	-0.09	2.8	-0.04	2.8	-0.03																	
		2	Sometimes	231	35	2,684	33	18,475	34	14,587	34																								
		3	Often	292	45	3,401	42	22,560	42	17,743	42																								
		4	Very often	107	17	1,704	22	10,974	21	8,551	21																								
		Total		647	100	8,028	100	53,991	100	42,478	100																								
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	62	10	830	11	6,223	12	5,032	12	<b>2.7</b>	2.7	-0.02	2.7	0.01	2.6	0.02																	
		2	Sometimes	231	36	2,616	33	17,508	33	13,749	33																								
		3	Often	213	33	2,674	32	17,989	33	14,138	33																								
		4	Very often	138	22	1,873	24	12,007	22	9,357	22																								
		Total		644	100	7,993	100	53,727	100	42,276	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Worked with other students on course projects or assignments	CLproject	1	Never	22	3	426	6	3,518	7	2,818	7	<b>2.7</b>	2.7	-.05	2.7	.00	2.7	.00	
		2	Sometimes	254	40	2,764	35	19,112	36	15,103	36								
		3	Often	259	40	3,133	37	20,098	37	15,779	37								
		4	Very often	107	16	1,638	21	10,707	20	8,361	20								
		Total		642	100	7,961	100	53,435	100	42,061	100								
h. Given a course presentation	present	1	Never	103	16	1,824	23	12,356	23	10,063	23	<b>2.1</b>	2.1	.04	2.2	-.02	2.2	-.02	
		2	Sometimes	376	59	3,899	50	24,787	47	19,244	46								
		3	Often	128	20	1,627	20	11,473	21	8,937	22								
		4	Very often	34	5	601	7	4,721	9	3,737	9								
		Total		641	100	7,951	100	53,337	100	41,981	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	38	6	474	7	4,069	8	3,185	8	<b>2.6</b>	2.6	-.02	2.6	.00	2.6	.00	
		2	Sometimes	266	43	3,180	42	21,061	40	16,479	40								
		3	Often	235	38	3,093	37	19,822	37	15,707	37								
		4	Very often	85	13	1,093	14	7,658	15	6,046	15								
		Total		624	100	7,840	100	52,610	100	41,417	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	63	11	700	10	4,803	10	3,768	10	<b>2.4</b>	2.5 *	-0.10	2.5 ***	-0.13	2.6 ***	-0.13	
		2	Sometimes	271	45	3,199	42	20,478	40	16,036	40								
		3	Often	216	34	2,800	35	18,820	35	14,943	35								
		4	Very often	66	10	1,074	13	8,105	15	6,346	15								
		Total		616	100	7,773	100	52,206	100	41,093	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	66	12	880	13	5,426	12	4,256	12	<b>2.4</b>	2.5	-.05	2.5 **	-0.12	2.5 **	-0.12	
		2	Sometimes	267	44	3,182	41	19,556	38	15,382	38								
		3	Often	200	32	2,524	33	18,044	34	14,232	34								
		4	Very often	76	12	1,115	14	8,733	16	6,882	16								
		Total		609	100	7,701	100	51,759	100	40,752	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	34	6	373	5	2,337	5	1,844	5	<b>2.7</b>	2.7	-.06	2.8 **	-0.11	2.8 **	-0.11	
		2	Sometimes	219	36	2,575	34	16,608	33	13,038	33								
		3	Often	260	44	3,443	44	23,041	44	18,180	44								
		4	Very often	86	14	1,224	16	9,247	18	7,284	18								
		Total		599	100	7,615	100	51,233	100	40,346	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State				Official Peers				Carnegie				Lrg Public VH Rsrch				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch	
				Count	%	Count	%	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>				
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	16	3	215	4	1,367	3	1,060	3	2.8	2.9	-.02	2.9	-.08	2.9	-.08									
		2	Sometimes	166	29	2,104	29	13,363	27	10,547	27																
		3	Often	290	49	3,473	45	23,667	46	18,618	46																
		4	Very often	113	19	1,685	22	12,063	24	9,546	24																
		Total		585	100	7,477	100	50,460	100	39,771	100																
f. Learned something that changed the way you understand an issue or concept	RNewview	1	Never	17	3	173	3	1,310	3	1,029	3	2.8	2.9 **	-.12	2.8 *	-.11	2.8 *	-.11									
		2	Sometimes	200	35	2,192	30	14,830	31	11,672	31																
		3	Often	251	44	3,487	46	22,904	45	18,137	45																
		4	Very often	100	18	1,518	21	10,743	21	8,413	21																
		Total		568	100	7,370	100	49,787	100	39,251	100																
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	6	1	91	1	609	1	488	1	3.1	3.1	-.01	3.0	.03	3.0	.03									
		2	Sometimes	111	20	1,357	19	9,991	21	7,950	21																
		3	Often	289	51	3,820	51	25,105	50	19,816	50																
		4	Very often	155	28	2,016	28	13,522	27	10,557	27																
		Total		561	100	7,284	100	49,227	100	38,811	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	95	17	1,240	19	9,107	19	6,876	18	2.3	2.3	.05	2.3	.00	2.3	-.03									
		2	Sometimes	256	46	3,330	47	21,560	44	16,861	44																
		3	Often	143	25	1,806	23	12,151	24	9,882	25																
		4	Very often	66	11	902	11	6,390	13	5,191	13																
		Total		560	100	7,278	100	49,208	100	38,810	100																
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	273	49	3,223	47	23,054	47	18,026	47	1.7	1.8 *	-.09	1.8 *	-.10	1.8 **	-.11									
		2	Sometimes	193	35	2,466	34	15,546	32	12,296	32																
		3	Often	66	11	1,109	13	7,167	14	5,743	14																
		4	Very often	22	4	434	6	3,154	7	2,529	7																
		Total		554	100	7,232	100	48,921	100	38,594	100																
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	176	33	2,188	31	15,604	32	12,530	33	1.9	2.0 *	-.10	2.0 *	-.11	2.0 **	-.11									
		2	Sometimes	262	48	3,228	45	20,692	43	16,178	43																
		3	Often	84	16	1,286	17	8,795	18	6,867	18																
		4	Very often	19	4	448	6	3,371	7	2,666	7																
		Total		541	100	7,150	100	48,462	100	38,241	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Discussed your academic performance with a faculty member	SFperform	1	Never	161	31	2,058	31	13,201	28	10,306	27	<b>1.9</b>	2.0	-0.06	2.1 ***	-0.15	2.1 ***	-0.16
		2	Sometimes	269	49	3,275	45	21,872	45	17,209	45							
		3	Often	89	16	1,338	17	9,678	20	7,751	20							
		4	Very often	23	4	469	6	3,698	8	2,946	8							
		Total		542	100	7,140	100	48,449	100	38,212	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	21	4	222	4	1,361	3	1,060	3	<b>2.9</b>	2.9	.04	3.0	-0.05	3.0	-0.06
		2	Some	136	26	1,864	28	11,637	25	9,193	25							
		3	Quite a bit	245	46	3,334	45	22,243	46	17,618	46							
		4	Very much	133	25	1,680	23	12,901	26	10,118	26							
		Total		535	100	7,100	100	48,142	100	37,989	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	13	3	165	2	1,356	3	1,070	3	<b>3.1</b>	3.0	.06	3.0 **	.14	3.0 ***	.14
		2	Some	100	19	1,585	21	11,196	23	9,000	24							
		3	Quite a bit	251	46	3,417	48	22,560	47	17,775	47							
		4	Very much	171	33	1,902	29	12,777	27	9,947	27							
		Total		535	100	7,069	100	47,889	100	37,792	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	20	4	220	4	1,502	3	1,173	3	<b>2.9</b>	2.9	-0.04	2.9	-0.04	2.9	-0.04
		2	Some	138	26	1,880	26	12,165	26	9,672	26							
		3	Quite a bit	248	47	3,209	45	21,537	45	17,050	45							
		4	Very much	122	23	1,706	26	12,295	26	9,582	26							
		Total		528	100	7,015	100	47,499	100	37,477	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	32	6	415	7	2,057	5	1,596	5	<b>2.7</b>	2.8	-0.05	2.9 ***	-0.16	2.9 ***	-0.17
		2	Some	166	33	2,064	30	12,830	28	10,064	28							
		3	Quite a bit	234	44	3,085	42	21,172	44	16,775	44							
		4	Very much	92	17	1,425	20	11,210	23	8,865	23							
		Total		524	100	6,989	100	47,269	100	37,300	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	24	5	261	4	1,802	4	1,381	4	<b>2.8</b>	2.8	-0.07	2.9 *	-0.10	2.9 *	-0.10
		2	Some	156	30	1,962	28	12,561	27	9,942	27							
		3	Quite a bit	238	46	3,279	46	21,819	46	17,224	46							
		4	Very much	96	19	1,442	21	10,867	23	8,589	23							
		Total		514	100	6,944	100	47,049	100	37,136	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<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	5	1	114	2	849	2	663	2	<b>3.1</b>	3.1	-.02	3.0	.00	3.0	.01
		2	Some	106	21	1,373	20	9,644	21	7,643	21							
		3	Quite a bit	255	50	3,411	49	22,400	48	17,652	47							
		4	Very much	142	28	1,979	30	13,793	30	10,884	30							
		Total		508	100	6,877	100	46,686	100	36,842	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	8	2	210	3	1,553	3	1,243	3	<b>3.0</b>	3.0	.01	3.0	.05	3.0	.05
		2	Some	107	21	1,440	21	10,301	22	8,154	22							
		3	Quite a bit	258	51	3,386	49	22,182	47	17,390	47							
		4	Very much	133	26	1,836	28	12,537	27	9,969	28							
		Total		506	100	6,872	100	46,573	100	36,756	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	12	3	152	2	1,284	3	1,020	3	<b>3.1</b>	3.1	.00	3.0	.07	3.0	.07
		2	Some	90	18	1,396	20	10,281	22	8,226	22							
		3	Quite a bit	250	50	3,229	47	21,159	45	16,666	45							
		4	Very much	150	30	2,082	31	13,763	30	10,781	30							
		Total		502	100	6,859	100	46,487	100	36,693	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	62	13	730	12	4,081	9	3,248	9	<b>2.5</b>	2.6	-.06	2.7 ***	-.18	2.7 ***	-.18
		2	Some	187	37	2,412	35	15,145	33	12,015	33							
		3	Quite a bit	174	34	2,473	35	17,238	36	13,542	36							
		4	Very much	79	16	1,220	18	9,941	21	7,843	21							
		Total		502	100	6,835	100	46,405	100	36,648	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	42	8	645	9	4,558	10	3,669	10	<b>2.6</b>	2.6	.03	2.6	.00	2.6	.00
		2	Some	181	36	2,542	37	16,398	36	12,963	36							
		3	Quite a bit	204	41	2,574	38	17,082	37	13,419	37							
		4	Very much	73	15	1,065	16	8,271	18	6,505	18							
		Total		500	100	6,826	100	46,309	100	36,556	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch			
				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	30	6	564	8	4,159	9	3,231	8	<b>2.7</b>	2.7	.03	2.6	.06	2.6	.06
		2	Sometimes	185	38	2,408	36	16,431	36	13,032	36							
		3	Often	189	39	2,672	39	17,805	39	14,082	39							
		4	Very often	83	18	1,083	18	7,322	17	5,757	17							
		Total		487	100	6,727	100	45,717	100	36,102	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	99	21	1,233	18	8,513	19	6,580	18	<b>2.3</b>	2.3 *	-0.09	2.4 *	-0.11	2.4 **	-0.12
		2	Sometimes	207	42	2,724	40	17,781	39	14,076	39							
		3	Often	137	28	2,023	30	13,671	30	10,894	30							
		4	Very often	43	9	723	11	5,531	12	4,386	12							
		Total		486	100	6,703	100	45,496	100	35,936	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	65	14	921	13	6,985	15	5,493	15	<b>2.4</b>	2.4	-0.06	2.4	-0.03	2.4	-0.03
		2	Sometimes	221	45	2,855	42	18,781	42	14,856	42							
		3	Often	156	32	2,203	33	14,541	32	11,480	32							
		4	Very often	44	9	699	12	5,069	11	4,011	11							
		Total		486	100	6,678	100	45,376	100	35,840	100							
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths 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	16	4	586	8	3,153	7	2,583	7	<b>5.4</b>	6.3 ***	-0.16	6.2 ***	-0.14	6.1 ***	-0.14
		1.5	1-2	128	27	1,503	23	9,490	21	7,681	22							
		4	3-5	178	38	1,968	30	14,838	33	11,657	33							
		8	6-10	103	21	1,379	21	9,906	22	7,686	21							
		13	11-15	30	6	651	10	4,390	10	3,457	10							
		18	16-20	8	2	302	5	1,705	4	1,293	4							
		23	More than 20	14	3	283	4	1,760	4	1,374	4							
Total		477	100	6,672	100	45,242	100	35,731	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	166	36	2,719	40	16,785	38	13,706	39	<b>2.1</b>	2.2	-0.02	2.2	-0.03	2.2	-0.03
		1.5	1-2	181	37	2,338	36	16,231	36	12,666	35							
		4	3-5	96	20	975	15	7,613	16	5,773	16							
		8	6-10	25	5	365	5	2,921	6	2,270	6							
		13	11-15	4	1	159	3	1,040	2	811	2							
		18	16-20	3	1	49	1	235	1	187	1							
		23	More than 20	3	1	52	1	278	1	207	1							
Total		478	100	6,657	100	45,103	100	35,620	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State Mean	Official Peers		Carnegie		Lrg Public VH Rsrch		
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
c. 11 pages or more	wrlongnum	0	None	383	80	5,073	75	34,283	76	27,372	76	<b>.6</b>	1.0 ***	-0.14	1.0 ***	-0.13	1.0 ***	-0.13	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	74	16	1,057	16	7,092	16	5,313	15								
	4	3-5	11	2	239	4	1,691	4	1,302	4									
	8	6-10	7	1	125	2	920	2	745	2									
	13	11-15	2	0	104	2	781	2	629	2									
	18	16-20	1	0	30	1	166	0	137	0									
	23	More than 20	2	0	39	1	237	1	179	1									
	Total			480	100	6,667	100	45,170	100	35,677	100								
Estimated number of assigned pages of student writing.	wrpages										<b>41.9</b>	51.4 **	-0.13	50.5 **	-0.12	50.6 **	-0.12		
				<i>(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)</i>															
<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	11	2	198	3	1,326	3	1,087	3	<b>3.2</b>	3.1 *	.10	3.1	.06	3.1	.07	
		2	Sometimes	92	20	1,679	24	9,778	22	7,865	22								
		3	Often	166	34	2,294	34	14,915	33	11,877	33								
		4	Very often	208	43	2,485	40	19,094	42	14,792	41								
			Total	477	100	6,656	100	45,113	100	35,621	100								
b. People from an economic background other than your own	DDeconomic	1	Never	13	3	187	3	1,338	3	1,108	3	<b>3.1</b>	3.1	.06	3.1	.02	3.1	.03	
		2	Sometimes	98	22	1,534	23	9,739	22	7,748	22								
		3	Often	179	37	2,626	39	16,619	37	13,165	37								
		4	Very often	187	39	2,292	36	17,312	38	13,529	38								
			Total	477	100	6,639	100	45,008	100	35,550	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	18	4	236	3	1,942	4	1,535	4	<b>3.1</b>	3.1	-0.02	3.1	.00	3.1	.01	
		2	Sometimes	113	24	1,574	24	10,623	24	8,380	24								
		3	Often	163	34	2,367	35	15,272	33	12,131	34								
		4	Very often	181	38	2,468	38	17,180	38	13,514	38								
			Total	475	100	6,645	100	45,017	100	35,560	100								
d. People with political views other than your own	DDpolitical	1	Never	15	3	277	4	2,456	5	1,870	5	<b>3.0</b>	3.0	.01	3.0	.00	3.0	-0.02	
		2	Sometimes	131	28	1,822	29	12,717	28	9,683	27								
		3	Often	181	38	2,292	33	14,605	32	11,750	33								
		4	Very often	148	31	2,258	33	15,264	35	12,277	35								
			Total	475	100	6,649	100	45,042	100	35,580	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State		Official Peers		Carnegie		Lrg Public VH Rsrch	
				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	8	2	138	2	878	2	710	2	<b>2.9</b>	3.0	-.01	3.0	-.04	3.0	-.03	
		2	Sometimes	109	24	1,610	26	10,437	24	8,364	25								
		3	Often	248	53	3,228	47	21,532	47	16,946	47								
		4	Very often	102	22	1,628	26	11,895	26	9,316	26								
		Total		467	100	6,604	100	44,742	100	35,336	100								
b. Reviewed your notes after class	LSnotes	1	Never	20	4	293	5	1,918	5	1,524	5	<b>2.9</b>	2.8	.08	2.9	.00	2.9	.00	
		2	Sometimes	148	33	2,177	34	13,389	31	10,555	31								
		3	Often	154	32	2,391	35	16,202	36	12,882	36								
		4	Very often	147	30	1,738	26	13,208	29	10,355	28								
		Total		469	100	6,599	100	44,717	100	35,316	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	23	5	382	6	2,503	6	1,992	6	<b>2.8</b>	2.7	.09	2.8	.02	2.8	.02	
		2	Sometimes	150	33	2,237	34	13,830	32	10,892	32								
		3	Often	178	38	2,575	38	17,398	39	13,824	39								
		4	Very often	118	24	1,410	21	10,989	24	8,604	24								
		Total		469	100	6,604	100	44,720	100	35,312	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	1	0	55	1	330	1	282	1	<b>5.5</b>	5.5	-.01	5.4	.07	5.4	.09	
		2		5	1	46	1	440	1	345	1								
		3		17	4	283	4	2,196	5	1,811	5								
		4		49	11	672	10	5,359	12	4,313	12								
		5		166	35	2,281	34	15,599	35	12,456	35								
		6		127	28	1,917	29	11,539	26	8,971	26								
		7	Very much	98	21	1,315	21	8,992	20	6,932	20								
		Total		463	100	6,569	100	44,455	100	35,110	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	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	38	9	549	9	4,415	10	3,493	10	<b>10%</b>	9%	.03	8%	.08	8%	.08	
			Do not plan to do	12	3	281	4	1,981	5	1,609	5								
			Plan to do	366	79	5,184	78	34,606	77	27,309	77								
			Done or in progress	47	10	544	9	3,374	8	2,636	8								
			Total	463	100	6,558	100	44,376	100	35,047	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State				Official Peers				Carnegie				Lrg Public VH Rsrch				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	123	27	1,454	22	10,640	24	8,506	24	<b>13%</b>	15%	-0.06	12%	.02	11%	.04									
			Do not plan to do	87	19	1,107	16	8,545	20	6,906	20																
			Plan to do	194	41	3,056	48	19,985	44	15,707	44																
			Done or in progress	57	13	929	15	5,110	12	3,856	11																
			Total	461	100	6,546	100	44,280	100	34,975	100																
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	137	30	1,341	22	12,113	27	9,375	27	<b>22%</b>	25%	-0.05	16% ***	.15	17% **	.14									
			Do not plan to do	143	32	1,982	34	13,007	31	10,115	30																
			Plan to do	73	15	1,336	19	11,847	26	9,458	26																
			Done or in progress	108	22	1,866	25	7,184	16	5,940	17																
			Total	461	100	6,525	100	44,151	100	34,888	100																
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	104	24	1,640	27	11,246	26	8,896	26	<b>4%</b>	4%	.01	3%	.04	3%	.03									
			Do not plan to do	94	22	1,349	22	10,437	25	8,379	25																
			Plan to do	243	50	3,293	48	21,133	46	16,522	46																
			Done or in progress	19	4	239	4	1,324	3	1,082	3																
			Total	460	100	6,521	100	44,140	100	34,879	100																
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	150	33	2,190	33	15,010	34	11,936	34	<b>5%</b>	8% *	-0.13	6%	-0.04	5%	-0.02									
			Do not plan to do	66	14	1,229	18	9,328	21	7,655	22																
			Plan to do	222	47	2,615	42	17,419	39	13,475	39																
			Done or in progress	23	5	493	8	2,387	6	1,802	5																
			Total	461	100	6,527	100	44,144	100	34,868	100																
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	146	31	2,102	33	14,273	33	11,188	32	<b>1%</b>	2%	-0.09	2% *	-0.12	2% *	-0.12									
			Do not plan to do	39	9	624	10	4,832	11	3,925	12																
			Plan to do	272	60	3,680	55	24,135	54	19,030	54																
			Done or in progress	3	1	124	2	897	2	730	2																
			Total	460	100	6,530	100	44,137	100	34,873	100																
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																											
servcourse	1	None	291	64	3,345	56	22,968	52	17,803	51	<b>1.4</b>	1.5 ***	-0.18	1.6 ***	-0.25	1.6 ***	-0.26										
			2	146	31	2,633	38	17,600	41	14,143												41					
			3	22	5	435	5	2,767	6	2,275												6					
			4	0	0	88	1	599	1	492												2					
			Total	459	100	6,501	100	43,934	100	34,713												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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																		
a. Students	QIstudent	1	Poor	4	1	62	1	558	1	451	1	<b>5.7</b>	5.5 *	.09	5.5 **	.14	5.5 **	.14
		2		6	1	96	2	731	2	584	2							
		3		10	3	228	3	1,814	4	1,445	4							
		4		34	8	661	10	4,836	11	3,895	11							
		5		123	26	1,848	28	12,234	28	9,631	28							
		6		166	36	2,025	31	12,882	29	10,024	29							
	7	Excellent	108	24	1,553	24	10,645	24	8,509	25								
	—	Not applicable	2	0	31	0	231	1	182	1								
		Total		453	100	6,504	100	43,931	100	34,721	100							
b. Academic advisors	QIadvisor	1	Poor	10	2	117	2	1,021	2	785	2	<b>5.4</b>	5.4	-.03	5.4	.01	5.4	.00
		2		10	2	186	3	1,504	3	1,147	3							
		3		36	8	358	6	2,906	7	2,259	6							
		4		48	10	758	12	5,773	13	4,555	13							
		5		109	24	1,355	21	9,339	21	7,256	21							
		6		104	23	1,609	25	9,891	23	7,768	23							
	7	Excellent	129	28	2,009	29	12,635	29	10,302	30								
	—	Not applicable	7	2	95	2	801	2	593	2								
		Total		453	100	6,487	100	43,870	100	34,665	100							
c. Faculty	QIfaculty	1	Poor	1	0	66	1	540	1	435	1	<b>5.4</b>	5.4	.05	5.3 *	.09	5.3 *	.09
		2		5	1	96	2	942	2	776	2							
		3		20	5	309	5	2,307	5	1,842	5							
		4		60	13	816	13	6,012	14	4,777	14							
		5		123	27	1,835	28	12,435	28	9,708	28							
		6		157	34	2,049	32	12,593	29	9,829	28							
	7	Excellent	83	19	1,260	19	8,525	20	6,897	20								
	—	Not applicable	4	1	60	1	494	1	389	1								
		Total		453	100	6,491	100	43,848	100	34,653	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State				Official Peers				Carnegie				Lrg Public VH Rsrch				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch	
				Count	%	Count	%	Count	%	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>		
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	7	1	124	2	1,054	3	821	2	<b>5.4</b>	5.2 *	.10	5.2 **	.13	5.2 **	.13									
		2		16	4	163	3	1,388	3	1,094	3																
		3		20	5	366	6	2,749	6	2,161	6																
		4		41	9	904	14	6,196	14	4,900	14																
		5		117	26	1,560	24	10,370	23	8,081	23																
		6		130	29	1,620	24	9,975	23	7,832	22																
		7	Excellent	95	21	1,352	20	8,772	20	7,117	21																
		—	Not applicable	26	6	408	6	3,348	8	2,646	8																
	Total	452	100	6,497	100	43,852	100	34,652	100																		
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	9	2	123	2	1,274	3	990	3	<b>5.2</b>	5.2	.02	5.1	.08	5.1	.07									
		2		11	3	178	3	1,573	3	1,231	3																
		3		19	4	362	6	3,038	7	2,374	7																
		4		61	13	892	14	6,637	15	5,286	15																
		5		97	21	1,509	22	10,120	23	7,970	23																
		6		82	18	1,508	22	9,190	21	7,176	21																
		7	Excellent	74	16	1,138	17	7,730	18	6,302	18																
		—	Not applicable	99	23	779	14	4,306	10	3,337	10																
	Total	452	100	6,489	100	43,868	100	34,666	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	64	1	558	1	460	2	<b>3.2</b>	3.2	.03	3.1 **	.14	3.1 ***	.16									
		2	Some	61	14	1,062	16	7,917	18	6,490	19																
		3	Quite a bit	207	46	3,164	46	21,339	48	17,165	49																
		4	Very much	173	38	2,180	37	13,888	32	10,412	31																
			Total	450	100	6,470	100	43,702	100	34,527	100																
b. Providing support to help students succeed academically	SEacademic	1	Very little	12	3	158	3	1,232	3	968	3	<b>3.1</b>	3.1	.01	3.0	.03	3.0	.02									
		2	Some	87	20	1,305	21	9,228	21	7,149	21																
		3	Quite a bit	208	46	2,853	44	19,559	44	15,413	44																
		4	Very much	142	31	2,137	32	13,552	31	10,896	31																
			Total	449	100	6,453	100	43,571	100	34,426	100																
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	24	5	259	4	2,110	5	1,667	5	<b>3.1</b>	3.1	.09	3.1	.06	3.1	.07									
		2	Some	68	15	1,234	21	8,000	19	6,189	19																
		3	Quite a bit	177	40	2,601	40	17,598	40	13,805	40																
		4	Very much	180	39	2,356	35	15,849	36	12,744	36																
			Total	449	100	6,450	100	43,557	100	34,405	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch			
				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	31	7	567	9	3,751	9	2,891	9	<b>2.9</b>	2.8 *	.10	2.8	.07	2.8	.06
		2	Some	122	28	1,874	30	12,082	28	9,392	28							
		3	Quite a bit	164	37	2,359	36	16,171	37	12,832	37							
		4	Very much	130	28	1,645	25	11,496	26	9,248	26							
		Total		447	100	6,445	100	43,500	100	34,363	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	19	4	215	4	1,859	5	1,363	4	<b>3.1</b>	3.0	.06	3.0	.09	3.0	.07
		2	Some	75	17	1,382	22	9,578	22	7,277	22							
		3	Quite a bit	200	45	2,750	42	18,201	41	14,429	41							
		4	Very much	153	34	2,090	33	13,818	32	11,274	33							
		Total		447	100	6,437	100	43,456	100	34,343	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	18	4	340	6	2,412	6	1,731	5	<b>3.1</b>	3.0 **	.15	3.0 **	.14	3.0 *	.12
		2	Some	72	16	1,378	22	9,845	23	7,424	22							
		3	Quite a bit	206	46	2,639	41	17,801	41	14,155	41							
		4	Very much	152	33	2,064	31	13,334	31	10,973	32							
		Total		448	100	6,421	100	43,392	100	34,283	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	91	21	1,203	21	8,767	21	6,504	20	<b>2.2</b>	2.3	-.05	2.3 *	-.09	2.4 **	-.12
		2	Some	194	44	2,603	42	16,403	38	12,889	38							
		3	Quite a bit	119	26	1,765	25	12,275	28	9,958	28							
		4	Very much	42	10	844	12	5,912	13	4,907	14							
		Total		446	100	6,415	100	43,357	100	34,258	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	21	5	299	5	2,838	7	2,066	6	<b>3.0</b>	2.9 *	.12	2.9 **	.14	2.9 *	.11
		2	Some	84	19	1,654	26	10,933	25	8,351	25							
		3	Quite a bit	206	47	2,757	43	17,670	40	14,043	40							
		4	Very much	135	30	1,702	27	11,880	28	9,781	29							
		Total		446	100	6,412	100	43,321	100	34,241	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	52	12	847	15	6,287	15	4,809	15	<b>2.5</b>	2.4 *	.12	2.5	.08	2.5	.06
		2	Some	161	37	2,519	40	16,231	38	12,687	38							
		3	Quite a bit	164	37	2,121	31	14,043	32	11,219	32							
		4	Very much	69	15	935	14	6,766	15	5,525	16							
		Total		446	100	6,422	100	43,327	100	34,240	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch				
				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. To what extent do you agree or disagree with the following statements?</b>																			
a. I feel comfortable being myself at this institution.	SBmyself  <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	7	1	52	2	446	2	328	2	<b>3.3</b>	3.3	-.03	3.3	.07	3.3	.06	
		2	Disagree	26	6	215	5	2,035	7	1,427	7								
		3	Agree	224	50	1,800	49	15,019	52	11,061	52								
		4	Strongly agree	189	42	1,460	44	10,850	40	8,134	40								
		Total		446	100	3,527	100	28,350	100	20,950	100								
b. I feel valued by this institution.	SBvalued  <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	18	4	104	3	984	4	697	4	<b>3.0</b>	3.0	-.03	3.0	.04	3.0	.02	
		2	Disagree	68	16	583	17	5,208	18	3,671	18								
		3	Agree	247	55	1,975	54	15,812	55	11,699	55								
		4	Strongly agree	113	25	859	26	6,330	23	4,880	24								
		Total		446	100	3,521	100	28,334	100	20,947	100								
c. I feel like part of the community at this institution.	SBcommunity  <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	12	3	95	3	926	4	663	3	<b>3.1</b>	3.1	-.04	3.0 *	.10	3.0	.09	
		2	Disagree	66	15	484	13	4,730	17	3,419	16								
		3	Agree	231	52	1,885	51	15,372	53	11,324	53								
		4	Strongly agree	137	30	1,061	33	7,331	27	5,551	27								
		Total		446	100	3,525	100	28,359	100	20,957	100								
<b>16. 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  <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	3	1	18	0	162	0	134	0	<b>16.9</b>	17.3	-.05	15.3 ***	.20	15.2 ***	.21	
		3	1-5 hrs	23	5	476	6	4,298	10	3,495	10								
		8	6-10 hrs	81	19	1,226	17	9,293	21	7,541	21								
		13	11-15 hrs	90	20	1,331	20	10,067	23	8,086	23								
		18	16-20 hrs	103	23	1,463	23	8,935	21	7,001	21								
		23	21-25 hrs	76	17	900	15	5,379	12	4,146	12								
		28	26-30 hrs	26	6	470	8	2,467	6	1,842	6								
		33	More than 30 hrs	40	9	496	10	2,546	6	1,860	6								
Total		442	100	6,380	100	43,147	100	34,105	100										
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs  <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	77	18	1,221	18	11,357	27	9,240	27	<b>5.8</b>	6.4 *	-.09	6.0	-.03	6.0	-.03	
		3	1-5 hrs	195	44	2,636	41	15,312	35	12,160	35								
		8	6-10 hrs	99	23	1,296	21	7,877	19	6,050	18								
		13	11-15 hrs	34	8	598	10	4,282	10	3,322	10								
		18	16-20 hrs	20	5	339	5	2,216	5	1,730	5								
		23	21-25 hrs	7	1	176	3	1,118	3	869	3								
		28	26-30 hrs	4	1	48	1	328	1	240	1								
33	More than 30 hrs	2	0	56	1	537	1	401	1										
Total		438	100	6,370	100	43,027	100	34,012	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers		Carnegie		Lrg Public VH Rsrch	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Working for pay on campus	tmworkonhrs	0	0 hrs	374	85	4,738	75	34,163	80	27,322	80	<b>1.5</b>	3.0 *** ▼	-0.24	2.6 *** ▼	-0.17	2.5 *** ▼	-0.17
	(Recorded version of tmworkon created by NSSE.)	3	1-5 hrs	9	2	221	4	1,286	3	882	3							
		8	6-10 hrs	31	7	502	8	2,598	6	1,812	5							
		13	11-15 hrs	19	4	550	8	2,509	6	2,005	6							
	Values are estimated number of hours per week.)	18	16-20 hrs	5	1	238	3	1,580	4	1,288	4							
		23	21-25 hrs	4	1	97	2	623	2	504	2							
		28	26-30 hrs	0	0	10	0	130	0	107	0							
		33	More than 30 hrs	0	0	24	0	196	1	147	0							
		Total			442	100	6,380	100	43,085	100	34,067							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	385	88	5,234	85	31,756	74	24,673	74	<b>1.3</b>	2.0 *** ▼	-0.13	3.9 *** ▼	-0.33	4.0 *** ▼	-0.35
	(Recorded version of tmworkoff created by NSSE.)	3	1-5 hrs	20	5	236	3	1,761	4	1,422	4							
		8	6-10 hrs	14	3	261	3	2,113	5	1,735	5							
		13	11-15 hrs	11	2	240	3	2,356	5	1,974	5							
	Values are estimated number of hours per week.)	18	16-20 hrs	6	1	199	3	2,146	5	1,788	5							
		23	21-25 hrs	4	1	134	2	1,524	3	1,285	4							
		28	26-30 hrs	1	0	27	0	673	2	558	2							
		33	More than 30 hrs	1	0	53	1	780	2	651	2							
		Total			442	100	6,384	100	43,109	100	34,086							
Estimated number of hours working for pay	tmworkhrs											<b>2.8</b>	4.9 *** ▼	-0.24	6.4 *** ▼	-0.34	6.5 *** ▼	-0.35
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	271	62	3,830	61	24,806	57	19,368	57	<b>1.7</b>	2.2 ** ▼	-0.11	2.5 *** ▼	-0.17	2.6 *** ▼	-0.18
	(Recorded version of tmservice created by NSSE.)	3	1-5 hrs	145	32	1,912	30	13,075	31	10,467	31							
		8	6-10 hrs	13	3	312	5	2,516	6	2,050	6							
		13	11-15 hrs	7	2	155	2	1,358	3	1,114	3							
	Values are estimated number of hours per week.)	18	16-20 hrs	4	1	95	2	655	2	539	2							
		23	21-25 hrs	3	1	54	1	399	1	316	1							
		28	26-30 hrs	0	0	11	0	108	0	80	0							
		33	More than 30 hrs	0	0	16	0	165	0	133	0							
		Total			443	100	6,385	100	43,082	100	34,067							

\*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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State				Official Peers				Carnegie				Lrg Public VH Rsrch				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch	
				Count	%	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>						
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs <i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	5	1	63	1	571	1	450	1	<b>13.2</b>	13.3	.00	13.3	.00	13.4	-.02									
		3	1-5 hrs	50	11	1,006	15	7,110	16	5,560	16																
		8	6-10 hrs	133	30	1,766	27	11,454	26	8,945	26																
		13	11-15 hrs	118	26	1,546	24	9,929	23	7,909	23																
		18	16-20 hrs	72	17	1,029	17	6,872	16	5,418	16																
		23	21-25 hrs	36	8	450	8	3,075	7	2,485	8																
		28	26-30 hrs	3	1	175	3	1,251	3	997	3																
		33	More than 30 hrs	25	6	343	6	2,818	7	2,291	7																
	Total	442	100	6,378	100	43,080	100	34,055	100																		
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	408	92	5,674	89	35,559	83	27,926	82	<b>.6</b>	1.1 ***	-.12	1.7 ***	-.23	1.8 ***	-.23									
		3	1-5 hrs	18	4	308	5	3,326	7	2,688	8																
		8	6-10 hrs	9	2	116	2	1,385	3	1,147	3																
		13	11-15 hrs	2	0	121	2	1,176	3	986	3																
		18	16-20 hrs	1	0	78	1	641	2	527	2																
		23	21-25 hrs	3	1	48	1	434	1	337	1																
		28	26-30 hrs	0	0	6	0	119	0	96	0																
		33	More than 30 hrs	0	0	24	0	370	1	301	1																
	Total	441	100	6,375	100	43,010	100	34,008	100																		
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	198	44	2,517	41	16,622	37	12,598	36	<b>2.8</b>	3.5 **	-.13	4.3 ***	-.24	4.4 ***	-.26									
		3	1-5 hrs	180	41	2,693	41	16,134	38	12,962	39																
		8	6-10 hrs	45	10	652	10	5,504	13	4,509	14																
		13	11-15 hrs	10	2	258	4	2,449	6	2,045	6																
		18	16-20 hrs	3	1	114	2	1,057	2	877	3																
		23	21-25 hrs	5	1	69	1	599	1	490	2																
		28	26-30 hrs	1	0	25	0	196	0	158	0																
		33	More than 30 hrs	1	0	51	1	524	1	431	1																
	Total	443	100	6,379	100	43,085	100	34,070	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>														
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	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>17. 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	82	19	988	17	6,263	16	5,039	16	<b>2.3</b>	2.5 ***	-0.17	2.5 ***	-0.23	2.5 ***	-0.21								
		2	Some	210	47	2,602	42	16,210	38	12,989	39								▽			▽		▽		
		3	About half	91	20	1,581	23	11,486	26	9,076	26															
		4	Most	46	11	877	13	6,716	15	5,145	14															
		5	Almost all	14	3	319	5	2,312	5	1,738	5															
			Total	443	100	6,367	100	42,987	100	33,987	100															
	tmreadinghrs			(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																						
				<b>5.8</b>									6.6 **	-0.15	6.2	-0.07	6.1	-0.05								
	tmreadinghrscol	1	0 hrs	3	1	18	0	160	0	132	0															
		2	More than zero, up to 5 hrs	240	56	3,292	51	22,641	54	18,339	55															
		3	More than 5, up to 10 hrs	139	31	1,918	30	12,610	29	9,831	28															
		4	More than 10, up to 15 hrs	25	5	570	9	3,920	9	2,956	8															
		5	More than 15, up to 20 hrs	21	4	288	5	1,942	4	1,447	4															
		6	More than 20, up to 25 hrs	10	2	184	3	1,138	3	841	3															
		7	More than 25 hrs	2	0	68	1	411	1	302	1															
			Total	440	100	6,338	100	42,822	100	33,848	100															
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																										
a. Writing clearly and effectively	pgwrite	1	Very little	68	15	743	14	3,874	10	3,028	10	<b>2.5</b>	2.5	-0.07	2.7 ***	-0.24	2.7 ***	-0.25								
		2	Some	155	37	2,190	35	13,036	31	10,227	31															
		3	Quite a bit	154	34	2,393	36	17,604	40	13,928	40															
		4	Very much	64	14	1,015	16	8,361	19	6,726	19															
			Total	441	100	6,341	100	42,875	100	33,909	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers		Carnegie		Lrg Public VH Rsrch		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Speaking clearly and effectively	pgspeak	1	Very little	106	24	1,002	18	5,625	14	4,356	14	<b>2.3</b>	2.4 *	-12	2.6 ***	-26	2.6 ***	-28	
		2	Some	150	34	2,282	36	14,069	33	10,926	32								▽
		3	Quite a bit	121	28	2,093	31	15,481	35	12,353	36								
		4	Very much	64	14	969	15	7,667	18	6,255	18								▽
		Total		441	100	6,346	100	42,842	100	33,890	100								
c. Thinking critically and analytically	pgthink	1	Very little	19	4	185	3	1,272	3	995	3	<b>3.0</b>	3.1 *	-11	3.1	-08	3.1	-08	
		2	Some	98	24	1,210	19	8,272	19	6,514	19								▽
		3	Quite a bit	181	41	2,917	44	19,587	45	15,466	45								
		4	Very much	141	32	2,025	34	13,721	32	10,917	33								
		Total		439	100	6,337	100	42,852	100	33,892	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	47	10	541	8	4,207	10	3,256	9	<b>2.7</b>	2.8 **	-13	2.8	-04	2.8	-05	
		2	Some	132	29	1,824	27	12,278	28	9,679	28								▽
		3	Quite a bit	164	38	2,400	37	16,267	38	12,956	38								
		4	Very much	95	23	1,583	28	10,079	24	7,993	25								
		Total		438	100	6,348	100	42,831	100	33,884	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	52	12	731	13	5,584	13	4,283	13	<b>2.7</b>	2.6	.06	2.6	.08	2.6	.07	
		2	Some	135	31	2,045	33	13,916	32	10,849	32								
		3	Quite a bit	153	35	2,302	35	15,098	35	12,102	35								
		4	Very much	100	23	1,263	20	8,266	19	6,668	20								
		Total		440	100	6,341	100	42,864	100	33,902	100								
f. Working effectively with others	pgothers	1	Very little	36	8	388	8	2,670	7	2,067	7	<b>2.8</b>	2.8	-06	2.8	-07	2.8	-09	
		2	Some	133	31	1,730	27	11,740	28	9,102	27								
		3	Quite a bit	171	38	2,720	41	17,945	41	14,265	41								
		4	Very much	100	23	1,511	24	10,491	24	8,457	25								
		Total		440	100	6,349	100	42,846	100	33,891	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	64	15	780	15	4,960	13	3,748	12	<b>2.5</b>	2.6 *	-11	2.7 ***	-19	2.7 ***	-20	
		2	Some	159	37	1,935	31	12,454	29	9,732	29								▽
		3	Quite a bit	146	32	2,372	35	16,246	37	12,993	37								
		4	Very much	71	16	1,251	20	9,153	21	7,392	21								▽
		Total		440	100	6,338	100	42,813	100	33,865	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State				Official Peers				Carnegie				Lrg Public VH Rsrch				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch	
				Count	%	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>	Mean	Effect size <sup>e</sup>				
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	39	9	550	10	3,505	9	2,636	9	<b>2.7</b>	2.7	-.03	2.8 *	-.10	2.8 *	-.11									
		2	Some	136	32	1,874	30	11,644	28	9,063	27																
		3	Quite a bit	168	38	2,438	37	16,522	38	13,179	38																
		4	Very much	95	21	1,479	23	11,164	25	9,001	26																
		Total		438	100	6,341	100	42,835	100	33,879	100																
i. Solving complex real-world problems	pgprobsolve	1	Very little	35	8	600	11	4,352	11	3,376	11	<b>2.8</b>	2.7	.10	2.7 *	.10	2.7	.09									
		2	Some	141	32	2,050	32	13,750	32	10,721	32																
		3	Quite a bit	158	36	2,396	36	15,827	36	12,611	36																
		4	Very much	104	24	1,297	21	8,905	21	7,166	21																
		Total		438	100	6,343	100	42,834	100	33,874	100																
j. Being an informed and active citizen	pgcitizen	1	Very little	58	14	724	13	4,866	12	3,704	12	<b>2.6</b>	2.6	-.03	2.6	-.07	2.7	-.09									
		2	Some	145	34	2,118	33	13,594	32	10,574	31																
		3	Quite a bit	156	35	2,277	34	15,500	35	12,382	36																
		4	Very much	81	18	1,230	19	8,927	20	7,251	21																
		Total		440	100	6,349	100	42,887	100	33,911	100																
<b>19. How would you evaluate your entire educational experience at this institution?</b>																											
	evalexp	1	Poor	6	1	86	2	691	2	539	2	<b>3.3</b>	3.3	.01	3.2 *	.11	3.2 *	.10									
		2	Fair	43	10	666	11	5,312	13	4,112	12																
		3	Good	215	48	3,065	46	21,830	49	17,185	49																
		4	Excellent	180	40	2,557	42	15,210	36	12,203	37																
		Total		444	100	6,374	100	43,043	100	34,039	100																
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																											
	sameinst	1	Definitely no	10	2	143	3	1,242	3	949	3	<b>3.4</b>	3.3 *	.11	3.3 ***	.20	3.3 ***	.18									
		2	Probably no	34	7	593	10	4,962	11	3,782	11																
		3	Probably yes	165	38	2,629	41	18,640	43	14,533	42																
		4	Definitely yes	239	52	3,040	47	18,391	43	14,934	44																
		Total		448	100	6,405	100	43,235	100	34,198	100																
<b>21. Do you intend to return to this institution next year?<sup>f</sup></b>																											
	returnexp		No	7	2	181	3	1,399	3	1,154	3	<b>96%</b>	93% *	.13	91% ***	.20	91% ***	.21									
			Yes	428	96	5,932	93	39,428	91	31,209	91																
			Not sure	12	3	295	5	2,482	6	1,889	6																
			Total	447	100	6,408	100	43,309	100	34,252	100																
			(Means indicate the percentage who responded "Yes.")																								

\*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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch			
				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	4	465	5	2,553	4	2,067	4	<b>2.8</b>	2.8	.04	2.9	-.07	2.9	-.08
		2	Sometimes	187	36	3,747	37	22,067	32	17,329	32							
		3	Often	152	30	3,235	32	22,256	32	17,641	32							
		4	Very often	154	30	2,602	27	22,375	32	17,735	32							
		Total		514	100	10,049	100	69,251	100	54,772	100							
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	34	6	838	9	5,392	8	4,245	8	<b>2.9</b>	2.8 ***	.15	2.9	.02	2.9	.01
		2	Often	81	16	2,048	21	11,570	17	9,106	17							
		3	Sometimes	297	58	5,376	53	36,584	53	28,755	52							
		4	Never	101	20	1,754	17	15,414	22	12,419	22							
		Total		513	100	10,016	100	68,960	100	54,525	100							
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	243	49	4,215	40	32,413	47	25,982	47	<b>1.7</b>	1.8 ***	-.17	1.8	-.08	1.8	-.08
		2	Sometimes	191	37	4,155	43	24,927	36	19,476	36							
		3	Often	56	11	1,113	12	7,305	11	5,649	11							
		4	Very often	19	4	511	6	4,187	6	3,325	6							
		Total		509	100	9,994	100	68,832	100	54,432	100							
d. Asked another student to help you understand course material	CLaskhelp	1	Never	54	11	814	9	7,613	11	6,311	12	<b>2.5</b>	2.6 **	-.13	2.6	-.02	2.5	-.01
		2	Sometimes	205	40	3,640	37	26,918	40	21,317	40							
		3	Often	166	32	3,538	35	21,915	31	17,110	31							
		4	Very often	84	16	1,981	20	12,270	18	9,597	18							
		Total		509	100	9,973	100	68,716	100	54,335	100							
e. Explained course material to one or more students	CLexplain	1	Never	17	4	301	3	3,590	5	3,052	5	<b>2.8</b>	2.9	-.07	2.8	.01	2.8	.01
		2	Sometimes	166	33	3,112	32	22,644	33	17,850	33							
		3	Often	219	43	4,185	41	26,845	39	21,135	39							
		4	Very often	105	20	2,357	24	15,571	23	12,239	23							
		Total		507	100	9,955	100	68,650	100	54,276	100							
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	71	14	1,309	14	10,275	15	8,374	16	<b>2.6</b>	2.6	-.02	2.6	.00	2.6	.01
		2	Sometimes	173	34	3,385	35	22,812	34	17,929	34							
		3	Often	161	33	3,048	29	20,392	29	16,020	29							
		4	Very often	100	19	2,183	22	14,867	22	11,704	22							
		Total		505	100	9,925	100	68,346	100	54,027	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers		Carnegie		Lrg Public VH Rsrch	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Worked with other students on course projects or assignments	CLproject	1	Never	18	4	352	4	3,981	6	3,365	6	<b>3.0</b>	3.0	.04	2.9 **	.13	2.9 ***	.14
		2	Sometimes	123	24	2,349	25	18,045	27	14,303	27							
		3	Often	186	37	3,818	37	25,069	37	19,752	37							
		4	Very often	180	35	3,364	34	21,004	31	16,421	30							
		Total		507	100	9,883	100	68,099	100	53,841	100							
h. Given a course presentation	present	1	Never	49	10	868	10	7,544	12	6,330	12	<b>2.7</b>	2.6	.05	2.6	.05	2.6	.06
		2	Sometimes	181	36	3,474	37	22,877	35	18,243	35							
		3	Often	150	30	3,281	32	21,707	31	16,890	31							
		4	Very often	127	24	2,254	21	15,905	23	12,317	22							
		Total		507	100	9,877	100	68,033	100	53,780	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	21	4	256	3	2,451	4	1,963	4	<b>2.9</b>	2.9	.00	2.9	-.02	2.9	-.03
		2	Sometimes	134	26	2,742	29	18,227	28	14,243	27							
		3	Often	216	44	4,171	42	28,034	41	22,172	41							
		4	Very often	128	25	2,604	26	18,713	27	14,917	28							
		Total		499	100	9,773	100	67,425	100	53,295	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	49	11	791	9	5,232	9	4,082	9	<b>2.6</b>	2.7	-.05	2.7 *	-.10	2.7 *	-.11
		2	Sometimes	193	38	3,560	37	22,159	34	17,465	34							
		3	Often	148	30	3,413	34	23,930	35	19,013	35							
		4	Very often	104	21	1,959	20	15,772	23	12,475	23							
		Total		494	100	9,723	100	67,093	100	53,035	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	82	17	1,435	15	9,243	15	7,258	15	<b>2.4</b>	2.5	-.03	2.5 *	-.10	2.5 *	-.11
		2	Sometimes	183	38	3,829	39	23,463	36	18,465	35							
		3	Often	144	29	2,803	29	20,212	29	16,058	30							
		4	Very often	81	16	1,579	16	13,744	19	10,912	20							
		Total		490	100	9,646	100	66,662	100	52,693	100							
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	28	6	521	6	3,259	5	2,528	5	<b>2.7</b>	2.8	-.06	2.8 *	-.11	2.8 **	-.12
		2	Sometimes	163	33	3,116	32	19,747	30	15,470	30							
		3	Often	214	45	4,173	43	28,772	43	22,870	43							
		4	Very often	81	16	1,768	20	14,435	22	11,473	22							
		Total		486	100	9,578	100	66,213	100	52,341	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	21	5	304	4	1,938	3	1,531	3	<b>2.8</b>	2.9	-0.09	3.0 **	-0.16	3.0 ***	-0.16	
		2	Sometimes	149	32	2,490	27	15,763	25	12,373	24								
		3	Often	190	40	4,341	45	29,506	44	23,384	45								
		4	Very often	115	24	2,310	25	18,284	28	14,488	28								
		Total		475	100	9,445	100	65,491	100	51,776	100								
f. Learned something that changed the way you understand an issue or concept	RNewview	1	Never	21	4	193	2	1,326	2	1,044	2	<b>2.9</b>	2.9	-0.05	3.0	-0.07	3.0	-0.08	
		2	Sometimes	128	27	2,485	27	16,708	26	13,129	26								
		3	Often	199	43	4,375	46	29,341	45	23,247	45								
		4	Very often	124	26	2,284	25	17,448	27	13,807	27								
		Total		472	100	9,337	100	64,823	100	51,227	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	7	2	78	1	659	1	510	1	<b>3.2</b>	3.1	.04	3.2	.01	3.2	.01	
		2	Sometimes	76	16	1,503	17	10,379	17	8,193	17								
		3	Often	212	45	4,616	49	30,434	47	24,040	47								
		4	Very often	174	37	3,051	33	22,835	35	18,095	36								
		Total		469	100	9,248	100	64,307	100	50,838	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	89	20	1,668	20	11,156	19	8,910	19	<b>2.3</b>	2.3	.00	2.4	-0.08	2.4	-0.08	
		2	Sometimes	206	44	3,957	43	26,022	41	20,574	41								
		3	Often	100	21	2,131	22	15,617	23	12,262	23								
		4	Very often	74	15	1,480	15	11,440	17	9,011	17								
		Total		469	100	9,236	100	64,235	100	50,757	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	192	42	3,512	40	25,834	41	20,627	42	<b>1.9</b>	2.0	-0.04	2.0	-0.02	2.0	-0.02	
		2	Sometimes	157	33	3,079	33	20,213	31	15,890	31								
		3	Often	58	13	1,575	17	10,688	16	8,398	16								
		4	Very often	59	12	1,013	11	7,260	11	5,654	11								
		Total		466	100	9,179	100	63,995	100	50,569	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	125	27	2,301	26	16,982	27	13,813	28	<b>2.1</b>	2.1	-0.05	2.1	-0.07	2.1	-0.05	
		2	Sometimes	218	47	4,184	46	26,966	42	21,173	42								
		3	Often	85	19	1,809	19	13,060	20	10,142	20								
		4	Very often	37	8	835	9	6,561	10	5,114	10								
		Total		465	100	9,129	100	63,569	100	50,242	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Discussed your academic performance with a faculty member	SFperform	1	Never	142	31	2,699	32	15,909	26	12,711	26	<b>2.0</b>	2.0	-.02	2.1 ***	-.18	2.1 ***	-.17
		2	Sometimes	218	47	4,182	45	28,398	44	22,373	44							
		3	Often	76	17	1,565	16	13,157	20	10,348	20							
		4	Very often	28	6	684	7	6,101	9	4,807	9							
		Total		464	100	9,130	100	63,565	100	50,239	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	36	8	570	6	4,010	6	3,213	6	<b>2.8</b>	2.7	.05	2.8	-.03	2.8	-.03
		2	Some	127	28	2,964	34	18,395	29	14,551	29							
		3	Quite a bit	185	39	3,608	39	25,487	40	20,096	40							
		4	Very much	111	24	1,936	21	15,331	24	12,119	24							
		Total		459	100	9,078	100	63,223	100	49,979	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	12	3	215	3	1,714	3	1,356	3	<b>3.1</b>	3.1	.03	3.1	.04	3.1	.04
		2	Some	86	19	1,854	19	12,684	20	10,075	20							
		3	Quite a bit	208	46	4,195	46	28,564	45	22,428	45							
		4	Very much	154	33	2,771	32	20,008	32	15,915	32							
		Total		460	100	9,035	100	62,970	100	49,774	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	14	3	312	4	2,041	4	1,602	3	<b>2.9</b>	3.0	-.03	3.0	-.08	3.0	-.09
		2	Some	114	26	2,238	24	13,900	22	11,006	22							
		3	Quite a bit	207	45	4,013	44	27,350	44	21,600	44							
		4	Very much	119	26	2,424	28	19,219	31	15,199	31							
		Total		454	100	8,987	100	62,510	100	49,407	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	41	9	771	9	3,783	7	2,886	6	<b>2.7</b>	2.7	-.07	2.9 ***	-.22	2.9 ***	-.24
		2	Some	154	34	2,736	31	16,025	26	12,613	26							
		3	Quite a bit	168	37	3,542	38	25,939	41	20,592	41							
		4	Very much	88	19	1,885	22	16,478	26	13,079	26							
		Total		451	100	8,934	100	62,225	100	49,170	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	31	7	471	6	2,818	5	2,151	5	<b>2.8</b>	2.8	-.08	2.9 ***	-.17	2.9 ***	-.18
		2	Some	133	30	2,504	28	15,353	25	12,093	25							
		3	Quite a bit	187	41	3,931	42	27,415	43	21,674	43							
		4	Very much	97	22	2,006	23	16,456	26	13,091	27							
		Total		448	100	8,912	100	62,042	100	49,009	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<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	10	2	154	2	1,227	2	979	2	<b>3.1</b>	3.1	-.01	3.1	-.05	3.1	-.05
		2	Some	81	18	1,699	19	11,280	18	8,864	18							
		3	Quite a bit	219	50	4,317	48	28,086	45	22,080	45							
		4	Very much	132	30	2,682	31	21,077	34	16,798	35							
		Total		442	100	8,852	100	61,670	100	48,721	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	14	3	257	3	2,269	4	1,804	4	<b>3.1</b>	3.0	.04	3.0	.06	3.0	.05
		2	Some	74	17	1,704	19	12,411	20	9,700	20							
		3	Quite a bit	217	49	4,441	49	28,224	45	22,129	45							
		4	Very much	135	31	2,437	29	18,633	31	14,978	31							
		Total		440	100	8,839	100	61,537	100	48,611	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	10	2	182	2	1,777	3	1,390	3	<b>3.1</b>	3.1	.04	3.1	.07	3.1	.07
		2	Some	71	16	1,672	19	12,163	20	9,648	20							
		3	Quite a bit	202	46	4,016	44	26,346	42	20,701	42							
		4	Very much	156	36	2,955	35	21,161	35	16,805	35							
		Total		439	100	8,825	100	61,447	100	48,544	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	73	17	1,208	15	6,788	12	5,301	12	<b>2.5</b>	2.5	.00	2.7 **	-.16	2.7 ***	-.17
		2	Some	142	32	3,158	36	19,245	32	15,155	32							
		3	Quite a bit	139	33	2,896	31	20,948	33	16,474	33							
		4	Very much	84	18	1,553	18	14,374	23	11,543	23							
		Total		438	100	8,815	100	61,355	100	48,473	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	42	10	848	10	5,350	9	4,252	9	<b>2.6</b>	2.6	.02	2.7 *	-.10	2.7 *	-.11
		2	Some	157	36	3,176	36	19,429	32	15,267	32							
		3	Quite a bit	160	38	3,300	37	23,067	37	18,092	37							
		4	Very much	78	17	1,463	17	13,376	22	10,758	22							
		Total		437	100	8,787	100	61,222	100	48,369	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>										Statistical Comparisons <sup>b</sup>					
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch				
				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	35	8	712	8	5,707	9	4,428	9	<b>2.8</b>	2.8	.03	2.7	.08	2.7	.08	
		2	Sometimes	138	31	2,844	31	20,172	32	15,992	32								
		3	Often	157	37	3,267	38	22,280	37	17,637	37								
		4	Very often	104	25	1,858	23	12,427	21	9,813	21								
		Total		434	100	8,681	100	60,586	100	47,870	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	83	19	1,490	17	10,530	18	8,127	17	<b>2.4</b>	2.5	-.09	2.5	-.09	2.5 *	-10	
		2	Sometimes	170	38	3,209	37	21,871	36	17,237	36								
		3	Often	119	28	2,594	30	18,143	30	14,456	30								
		4	Very often	61	14	1,352	16	9,804	17	7,846	17								
		Total		433	100	8,645	100	60,348	100	47,666	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	50	11	1,034	12	8,529	14	6,667	14	<b>2.5</b>	2.5	-.05	2.5	.00	2.5	-.01	
		2	Sometimes	177	41	3,284	37	22,642	37	17,878	37								
		3	Often	141	33	3,016	35	19,797	33	15,706	33								
		4	Very often	61	14	1,295	16	9,198	16	7,268	16								
		Total		429	100	8,629	100	60,166	100	47,519	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths 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	32	7	605	7	4,229	8	3,400	8	<b>7.0</b>	7.0	.00	7.1	-.01	7.1	-.01	
		1.5	1-2	79	18	1,799	21	11,605	20	9,262	20								
		4	3-5	135	31	2,493	29	17,387	29	13,771	29								
		8	6-10	90	21	1,751	20	12,580	21	9,892	21								
		13	11-15	43	10	906	10	6,432	10	5,007	10								
		18	16-20	18	4	426	5	3,097	5	2,415	5								
		23	More than 20	30	7	607	7	4,661	8	3,647	8								
Total		427	100	8,587	100	59,991	100	47,394	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	130	30	2,386	28	15,962	28	12,926	28	<b>3.3</b>	3.0	.09	3.3	.01	3.3	.02	
		1.5	1-2	142	34	3,077	36	19,907	33	15,794	33								
		4	3-5	81	19	1,840	21	13,509	22	10,393	22								
		8	6-10	44	10	772	9	6,301	10	4,918	10								
		13	11-15	13	3	296	3	2,310	4	1,799	4								
		18	16-20	7	2	94	1	820	1	632	1								
		23	More than 20	9	2	96	1	979	2	771	2								
Total		426	100	8,561	100	59,788	100	47,233	100										

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

# NSSE 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State		Official Peers		Carnegie		Lrg Public VH Rsrch	
				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	198	46	4,442	53	29,947	51	24,254	52	<b>2.1</b>	1.7	.10	1.9	.04	1.9	.04	
	( <i>Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.</i> )	1.5	1-2	141	33	2,724	31	19,012	31	14,594	30								
		4	3-5	53	13	816	9	5,989	10	4,544	9								
		8	6-10	18	4	317	4	2,358	4	1,847	4								
		13	11-15	5	1	166	2	1,377	2	1,124	2								
		18	16-20	3	1	46	1	471	1	362	1								
		23	More than 20	8	2	71	1	764	1	604	1								
		Total			426	100	8,582	100	59,918	100	47,329	100							
Estimated number of assigned pages of student writing.	wrpages		( <i>Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.</i> )									<b>77.9</b>	70.2	.09	76.0	.02	75.7	.02	
<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	9	2	288	3	2,196	4	1,756	4	<b>3.2</b>	3.1 **	.15	3.2	.08	3.2	.09	
		2	Sometimes	81	19	2,229	25	12,222	20	9,742	21								
		3	Often	134	31	2,743	31	18,694	31	14,883	31								
		4	Very often	203	48	3,318	42	26,785	45	20,931	44								
			Total	427	100	8,578	100	59,897	100	47,312	100								
b. People from an economic background other than your own	DDeconomic	1	Never	6	1	217	2	1,991	4	1,601	4	<b>3.2</b>	3.1 **	.14	3.1	.08	3.1	.08	
		2	Sometimes	85	21	2,071	24	12,223	21	9,636	21								
		3	Often	151	35	3,288	37	21,287	35	16,916	35								
		4	Very often	184	43	2,993	37	24,284	41	19,075	40								
			Total	426	100	8,569	100	59,785	100	47,228	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	9	2	313	3	2,763	5	2,183	5	<b>3.2</b>	3.1 ***	.17	3.1 ***	.16	3.1 ***	.16	
		2	Sometimes	80	20	2,130	24	13,439	23	10,513	22								
		3	Often	138	31	3,018	34	19,710	32	15,688	33								
		4	Very often	200	47	3,103	38	23,859	40	18,823	40								
			Total	427	100	8,564	100	59,771	100	47,207	100								
d. People with political views other than your own	DDpolitical	1	Never	13	3	328	4	3,333	6	2,512	5	<b>3.1</b>	2.9 **	.15	3.0 *	.12	3.0 *	.11	
		2	Sometimes	114	27	2,495	30	16,501	27	12,580	27								
		3	Often	122	28	2,908	32	18,707	31	15,052	31								
		4	Very often	178	42	2,836	33	21,273	36	17,109	36								
			Total	427	100	8,567	100	59,814	100	47,253	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
								Lrg Public VH Rsrch				Your seniors compared with							
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State		Official Peers		Carnegie		Lrg Public VH Rsrch	
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>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	21	5	319	4	1,710	3	1,322	3	<b>2.9</b>	3.0	-.09	3.0 ***	-.19	3.0 ***	-.19	
		2	Sometimes	114	28	2,137	25	12,693	22	10,016	22								
		3	Often	173	40	3,714	43	25,890	43	20,521	43								
		4	Very often	116	27	2,361	28	19,263	32	15,208	32								
		Total		424	100	8,531	100	59,556	100	47,067	100								
b. Reviewed your notes after class	LSnotes	1	Never	34	8	804	10	4,483	8	3,453	8	<b>2.7</b>	2.6 *	.10	2.8	-.06	2.8	-.07	
		2	Sometimes	150	36	3,151	38	18,752	32	14,592	32								
		3	Often	126	29	2,660	31	19,553	33	15,547	33								
		4	Very often	112	27	1,910	22	16,699	28	13,410	28								
		Total		422	100	8,525	100	59,487	100	47,002	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	37	9	862	10	4,289	8	3,313	7	<b>2.7</b>	2.6	.07	2.8 *	-.10	2.8 *	-.11	
		2	Sometimes	145	35	3,052	36	18,300	31	14,202	30								
		3	Often	143	33	2,937	34	21,674	36	17,247	36								
		4	Very often	96	23	1,667	20	15,213	25	12,227	26								
		Total		421	100	8,518	100	59,476	100	46,989	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	87	1	628	1	507	1	<b>5.4</b>	5.3	.09	5.4	.00	5.4	.00	
		2		11	3	131	2	853	2	699	2								
		3		21	5	451	5	3,083	5	2,484	5								
		4		41	10	1,075	13	6,796	12	5,374	12								
		5		124	30	2,924	34	18,469	31	14,527	31								
		6		126	29	2,237	26	14,782	25	11,616	25								
		7	Very much	96	22	1,573	19	14,568	24	11,546	25								
		Total		423	100	8,478	100	59,179	100	46,753	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		23	5	454	6	4,964	9	3,997	9	<b>66%</b>	63%	.06	52% ***	.28	51% ***	.29	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	55	14	995	12	8,466	15	6,791	15								
		Plan to do	62	15	1,711	19	14,527	25	11,822	25									
		Done or in progress	278	66	5,309	63	31,194	52	24,103	51									
		Total	418	100	8,469	100	59,151	100	46,713	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	27	7	562	6	6,127	10	4,996	11	<b>46%</b>	53% **	-0.14	39% **	.14	38% ***	.16
			Do not plan to do	182	44	2,964	34	24,243	41	19,522	42							
			Plan to do	15	3	577	7	5,349	9	4,436	10							
			Done or in progress	196	46	4,347	53	23,356	39	17,701	38							
			Total	420	100	8,450	100	59,075	100	46,655	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	31	7	633	8	7,205	12	5,771	12	<b>27%</b>	28%	-0.01	23%	.09	24%	.09
			Do not plan to do	250	60	4,717	58	31,686	55	24,632	54							
			Plan to do	21	5	546	7	5,864	10	4,816	10							
			Done or in progress	115	27	2,540	28	14,124	23	11,286	24							
			Total	417	100	8,436	100	58,879	100	46,505	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	19	5	565	7	6,057	10	4,945	11	<b>23%</b>	24%	-0.03	17% **	.14	17% ***	.16
			Do not plan to do	282	68	5,246	63	37,772	65	29,863	64							
			Plan to do	16	4	508	6	4,552	8	3,792	8							
			Done or in progress	103	23	2,115	24	10,517	17	7,914	17							
			Total	420	100	8,434	100	58,898	100	46,514	100							
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	34	9	890	11	8,192	14	6,684	15	<b>31%</b>	34%	-0.06	26% *	.12	25% **	.14
			Do not plan to do	218	52	3,838	44	27,832	47	22,149	47							
			Plan to do	32	8	939	11	7,806	13	6,374	14							
			Done or in progress	133	31	2,768	34	15,055	26	11,313	25							
			Total	417	100	8,435	100	58,885	100	46,520	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	25	6	548	7	5,001	9	4,033	9	<b>51%</b>	44% **	.16	43% ***	.17	42% ***	.18
			Do not plan to do	115	27	1,928	24	13,029	23	9,827	23							
			Plan to do	64	16	2,063	25	14,616	25	12,108	26							
			Done or in progress	214	51	3,897	44	26,229	43	20,529	42							
			Total	418	100	8,436	100	58,875	100	46,497	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
servcourse	1	None		230	56	4,032	50	25,302	45	19,608	44	<b>1.5</b>	1.6 ***	-0.16	1.7 ***	-0.28	1.7 ***	-0.30
			2	176	41	3,808	44	27,700	46	22,124	47							
			3	10	2	494	5	4,610	7	3,746	7							
			4	1	0	88	1	1,074	2	879	2							
			Total	417	100	8,422	100	58,686	100	46,357	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State		Official Peers		Carnegie		Lrg Public VH Rsrch	
				Count		Count		Count		Count		Mean		Mean		Mean		Mean	
				%		%		%		%		Effect size <sup>e</sup>		Effect size <sup>e</sup>		Effect size <sup>e</sup>		Effect size <sup>e</sup>	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Your seniors compared with															
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	0	0	68	1	682	1	547	1	<b>5.7</b>	5.6	.06	5.6	.08	5.6	.08	
		2		5	1	99	1	898	2	719	2								
		3		20	5	293	3	2,317	4	1,832	4								
		4		33	8	752	9	5,803	10	4,574	10								
		5		99	23	2,227	26	14,996	26	11,702	25								
		6		145	34	2,833	33	16,967	29	13,354	29								
		7	Excellent	113	27	2,121	25	16,356	28	13,057	28								
		—	Not applicable	2	1	30	0	682	1	585	1								
			Total	417	100	8,423	100	58,701	100	46,370	100								
b. Academic advisors	QIadvisor	1	Poor	17	5	280	4	2,793	5	2,205	5	<b>5.1</b>	5.2	-.07	5.1	-.01	5.1	-.02	
		2		21	5	407	5	3,155	5	2,425	5								
		3		38	9	587	7	4,715	8	3,618	8								
		4		57	14	1,029	13	7,933	13	6,167	13								
		5		85	20	1,622	20	11,337	19	8,937	19								
		6		82	20	1,821	21	11,324	19	8,984	19								
		7	Excellent	114	27	2,624	29	16,824	29	13,553	29								
		—	Not applicable	3	1	50	1	578	1	444	1								
			Total	417	100	8,420	100	58,659	100	46,333	100								
c. Faculty	QIfaculty	1	Poor	7	2	89	1	893	2	726	2	<b>5.3</b>	5.3	-.03	5.4	-.06	5.4	-.06	
		2		12	3	143	2	1,236	2	959	2								
		3		20	5	419	5	3,006	5	2,350	5								
		4		58	14	1,147	14	7,601	13	5,969	13								
		5		110	25	2,408	28	15,389	26	11,975	25								
		6		117	28	2,559	30	16,623	28	13,172	28								
		7	Excellent	91	22	1,617	19	13,444	23	10,790	24								
		—	Not applicable	2	1	31	0	441	1	376	1								
			Total	417	100	8,413	100	58,633	100	46,317	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State				Official Peers				Carnegie				Lrg Public VH Rsrch				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch	
				Count	%	Count	%	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>				
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	7	2	248	3	2,265	4	1,680	4	<b>5.1</b>	5.0	.10	4.9 *	.11	5.0	.09									
		2		26	6	299	4	2,457	4	1,833	4																
		3		26	6	596	8	4,210	7	3,148	7																
		4		48	12	1,220	15	8,421	14	6,526	14																
		5		88	21	1,916	22	11,865	20	9,249	20																
		6		87	20	1,765	20	10,655	18	8,535	18																
		7	Excellent	85	20	1,385	16	9,987	17	8,077	18																
		—	Not applicable	50	12	977	11	8,772	15	7,263	16																
	Total	417	100	8,406	100	58,632	100	46,311	100																		
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	6	1	290	4	2,881	5	2,230	5	<b>5.1</b>	4.9 **	.15	4.8 ***	.16	4.9 **	.14									
		2		18	4	353	4	3,042	5	2,323	5																
		3		27	7	641	8	4,987	8	3,803	8																
		4		52	13	1,378	16	9,464	16	7,363	16																
		5		82	20	1,892	22	12,617	21	9,892	21																
		6		100	23	1,736	20	10,973	19	8,760	19																
		7	Excellent	62	15	1,278	15	9,850	17	7,981	18																
		—	Not applicable	69	17	845	11	4,829	9	3,976	9																
	Total	416	100	8,413	100	58,643	100	46,328	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	8	2	100	1	933	2	754	2	<b>3.3</b>	3.2	.05	3.1 **	.16	3.1 ***	.19									
		2	Some	49	11	1,300	15	10,659	18	8,814	19																
		3	Quite a bit	188	46	3,920	45	26,754	45	21,509	46																
		4	Very much	170	41	3,082	39	20,152	35	15,119	33																
			Total	415	100	8,402	100	58,498	100	46,196	100																
b. Providing support to help students succeed academically	SEacademic	1	Very little	19	5	364	5	3,034	6	2,256	5	<b>2.9</b>	2.9	.03	2.9	.01	2.9	-.01									
		2	Some	113	27	2,117	27	15,373	26	11,762	26																
		3	Quite a bit	178	43	3,906	46	25,440	43	20,295	44																
		4	Very much	105	26	1,979	23	14,525	25	11,783	25																
			Total	415	100	8,366	100	58,372	100	46,096	100																
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	51	13	621	8	5,434	10	4,235	10	<b>2.7</b>	2.8	-.09	2.8 *	-.11	2.8 *	-.12									
		2	Some	119	29	2,233	28	15,475	27	11,876	26																
		3	Quite a bit	144	34	3,509	41	22,483	38	17,797	38																
		4	Very much	101	24	2,013	22	14,931	25	12,152	26																
			Total	415	100	8,376	100	58,323	100	46,060	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers		Carnegie	Lrg Public VH Rsrch		
				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	56	14	1,273	15	8,181	15	6,154	14	<b>2.6</b>	2.5 *	.11	2.6	.01	2.6	-.01
		2	Some	122	29	2,856	34	18,028	31	13,998	30							
		3	Quite a bit	150	37	2,701	31	18,974	32	15,180	32							
		4	Very much	88	21	1,537	19	13,079	23	10,670	23							
		Total		416	100	8,367	100	58,262	100	46,002	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	16	4	459	6	4,268	8	3,211	7	<b>2.9</b>	2.9	.07	2.9	.09	2.9	.06
		2	Some	106	25	2,172	27	15,046	26	11,536	25							
		3	Quite a bit	173	42	3,548	42	23,182	39	18,359	39							
		4	Very much	118	28	2,174	26	15,720	27	12,858	28							
		Total		413	100	8,353	100	58,216	100	45,964	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	32	8	801	11	6,330	11	4,635	11	<b>2.9</b>	2.7 ***	.18	2.8 ***	.16	2.8 **	.13
		2	Some	94	23	2,260	28	16,055	27	12,269	27							
		3	Quite a bit	163	40	3,205	37	21,342	36	17,055	37							
		4	Very much	125	30	2,081	24	14,438	25	11,965	26							
		Total		414	100	8,347	100	58,165	100	45,924	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	137	34	2,817	36	19,440	34	14,775	33	<b>2.0</b>	2.0	.00	2.1 *	-.09	2.1 **	-.12
		2	Some	172	41	3,217	39	20,837	36	16,404	36							
		3	Quite a bit	77	19	1,657	18	11,953	20	9,820	21							
		4	Very much	27	6	657	8	5,908	10	4,921	11							
		Total		413	100	8,348	100	58,138	100	45,920	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	38	10	735	9	7,085	12	5,392	12	<b>2.8</b>	2.7	.02	2.7	.07	2.7	.03
		2	Some	115	28	2,681	31	17,480	29	13,389	29							
		3	Quite a bit	163	39	3,207	38	20,798	36	16,616	36							
		4	Very much	96	23	1,713	22	12,695	23	10,443	24							
		Total		412	100	8,336	100	58,058	100	45,840	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	79	20	1,564	20	11,850	21	9,156	20	<b>2.3</b>	2.3	.02	2.3	-.03	2.3	-.05
		2	Some	179	43	3,567	43	22,825	39	17,906	39							
		3	Quite a bit	108	27	2,351	27	16,053	27	12,793	28							
		4	Very much	46	11	859	10	7,366	13	6,016	13							
		Total		412	100	8,341	100	58,094	100	45,871	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch			
				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. To what extent do you agree or disagree with the following statements?</b>																		
a. I feel comfortable being myself at this institution.	SBmyself  <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	13	3	76	2	857	3	601	2	<b>3.3</b>	3.4	-.07	3.3	.00	3.3	-.02
		2	Disagree	32	8	322	7	2,646	7	1,871	7							
		3	Agree	184	44	2,064	45	17,719	47	13,061	47							
		4	Strongly agree	186	45	2,008	46	15,599	43	11,876	44							
		Total		415	100	4,470	100	36,821	100	27,409	100							
b. I feel valued by this institution.	SBvalued  <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	33	9	283	7	2,810	8	1,954	8	<b>2.9</b>	2.8	.04	2.8	.02	2.9	-.02
		2	Disagree	82	19	1,024	24	7,939	21	5,620	21							
		3	Agree	204	49	2,187	47	17,922	48	13,334	48							
		4	Strongly agree	95	23	974	22	8,107	23	6,456	24							
		Total		414	100	4,468	100	36,778	100	27,364	100							
c. I feel like part of the community at this institution.	SBcommunity  <i>(Comparison data are limited to NSSE 2020.)</i>	1	Strongly disagree	20	6	204	5	2,181	6	1,604	6	<b>3.0</b>	3.0	-.01	2.9 *	.10	3.0	.08
		2	Disagree	66	16	696	16	6,911	19	5,014	18							
		3	Agree	201	48	2,277	50	18,407	49	13,554	49							
		4	Strongly agree	126	30	1,290	29	9,308	26	7,213	27							
		Total		413	100	4,467	100	36,807	100	27,385	100							
<b>16. 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  <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	2	1	34	0	249	0	202	0	<b>16.6</b>	16.5	.01	15.2 **	.16	15.1 ***	.17
		3	1-5 hrs	41	10	946	10	7,366	13	5,954	13							
		8	6-10 hrs	91	23	1,743	19	13,121	22	10,488	23							
		13	11-15 hrs	59	14	1,648	19	12,052	21	9,518	21							
		18	16-20 hrs	82	19	1,531	19	10,462	18	8,125	18							
		23	21-25 hrs	60	14	1,025	13	6,294	11	4,975	11							
		28	26-30 hrs	37	10	595	8	3,556	6	2,770	6							
		33	More than 30 hrs	39	10	796	11	4,826	9	3,695	9							
Total		411	100	8,318	100	57,926	100	45,727	100									
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs  <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	134	33	2,094	24	20,562	36	16,638	36	<b>5.0</b>	6.6 ***	-.22	5.5	-.07	5.4	-.06
		3	1-5 hrs	147	35	2,914	34	17,486	30	13,901	30							
		8	6-10 hrs	79	19	1,595	20	8,882	15	6,800	15							
		13	11-15 hrs	24	6	819	11	5,189	9	3,988	9							
		18	16-20 hrs	12	3	467	6	2,888	5	2,197	5							
		23	21-25 hrs	5	1	244	3	1,507	3	1,159	3							
		28	26-30 hrs	3	1	84	1	522	1	396	1							
33	More than 30 hrs	8	2	93	1	814	1	601	1									
Total		412	100	8,310	100	57,850	100	45,680	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers		Carnegie	Lrg Public VH Rsrch		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Working for pay on campus	tmworkonhrs	0	0 hrs	264	65	4,797	58	39,591	69	31,924	70	<b>4.2</b>	5.5 *** ▽	-0.16	4.2	.00	4.2	.00
	(Recorded version of tmworkon created by NSSE.)	3	1-5 hrs	24	6	479	6	2,342	4	1,659	3							
		8	6-10 hrs	45	11	988	12	4,725	8	3,387	7							
		13	11-15 hrs	38	9	974	12	4,501	7	3,448	7							
		18	16-20 hrs	26	6	670	8	4,041	7	3,109	7							
		23	21-25 hrs	8	2	206	2	1,422	2	1,149	2							
		28	26-30 hrs	3	1	87	1	463	1	381	1							
		33	More than 30 hrs	4	1	112	2	770	1	612	1							
	Total			412	100	8,313	100	57,855	100	45,669	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	215	53	4,757	62	26,574	47	20,174	46	<b>7.5</b>	6.2 * △	.13	10.5 *** ▽	-.25	10.9 *** ▽	-.28
	(Recorded version of tmworkoff created by NSSE.)	3	1-5 hrs	33	8	459	5	2,918	5	2,209	5							
		8	6-10 hrs	35	9	590	6	3,965	6	3,095	6							
		13	11-15 hrs	31	7	649	7	4,472	7	3,572	7							
		18	16-20 hrs	40	9	717	7	5,530	9	4,534	10							
		23	21-25 hrs	24	5	480	5	4,185	7	3,479	7							
		28	26-30 hrs	9	2	282	3	2,891	5	2,411	5							
		33	More than 30 hrs	22	6	382	4	7,359	13	6,244	14							
	Total			409	100	8,316	100	57,894	100	45,718	100							
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)								<b>11.7</b>	11.6	.00	14.7 *** ▽	-.24	15.1 *** ▽	-.26	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	233	58	4,526	55	29,607	52	23,282	52	<b>2.3</b>	2.5	-0.04	3.1 *** ▽	-0.15	3.1 *** ▽	-0.15
	(Recorded version of tmservice created by NSSE.)	3	1-5 hrs	130	30	2,807	33	18,834	32	14,835	32							
		8	6-10 hrs	28	7	513	6	4,649	8	3,683	8							
		13	11-15 hrs	10	2	210	2	2,141	4	1,744	4							
		18	16-20 hrs	4	1	114	1	1,226	2	983	2							
		23	21-25 hrs	2	0	78	1	623	1	509	1							
		28	26-30 hrs	1	0	17	0	235	0	201	0							
		33	More than 30 hrs	2	0	45	0	536	1	436	1							
	Total			410	100	8,310	100	57,851	100	45,673	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmsrelaxhrs	0	0 hrs	9	2	111	1	1,332	2	1,064	2	<b>12.9</b>	12.8	.01	11.9 *	.11	11.9 *	.12
	(Recorded version of tmsrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	71	17	1,566	18	12,784	22	10,230	22							
	8	6-10 hrs	112	27	2,300	27	16,402	28	12,878	28								
	13	11-15 hrs	96	23	1,878	23	11,884	20	9,360	21								
	18	16-20 hrs	58	15	1,246	16	7,547	13	5,893	13								
	23	21-25 hrs	20	5	541	7	3,307	6	2,642	6								
	28	26-30 hrs	15	4	242	3	1,450	3	1,145	3								
	33	More than 30 hrs	29	7	414	6	3,118	6	2,442	6								
	Total			410	100	8,298	100	57,824	100	45,654	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	353	86	7,071	86	42,388	73	33,124	73	<b>1.7</b>	1.7	.00	3.9 ***	-.25	4.0 ***	-.26
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	25	6	519	6	5,292	9	4,225	9							
	8	6-10 hrs	14	4	186	2	2,520	4	2,035	4								
	13	11-15 hrs	5	1	151	2	1,694	3	1,408	3								
	18	16-20 hrs	0	0	96	1	1,227	2	1,007	2								
	23	21-25 hrs	3	1	70	1	737	1	594	1								
	28	26-30 hrs	0	0	22	0	408	1	344	1								
	33	More than 30 hrs	10	3	186	2	3,511	6	2,880	6								
	Total			410	100	8,301	100	57,777	100	45,617	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	31	8	1,085	15	8,749	15	6,545	14	<b>4.8</b>	4.6	.03	5.5 **	-.12	5.6 ***	-.13
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	270	66	5,186	59	31,142	54	24,693	54							
	8	6-10 hrs	82	20	1,341	17	10,535	19	8,474	19								
	13	11-15 hrs	17	4	360	5	3,813	7	3,024	7								
	18	16-20 hrs	3	1	141	2	1,477	3	1,212	3								
	23	21-25 hrs	2	0	81	1	757	1	622	1								
	28	26-30 hrs	1	0	22	0	324	1	252	1								
	33	More than 30 hrs	5	1	87	1	1,084	2	878	2								
	Total			411	100	8,303	100	57,881	100	45,700	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NC State				Official Peers				Carnegie				Lrg Public VH Rsrch				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch											
				Count	%	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>17. 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	102	26	1,985	24	10,373	19	8,156	19	<b>2.4</b>	2.4	.05	2.6 **	-0.14	2.6 **	-0.14																			
		2	Some	147	36	2,970	37	18,241	32	14,511	32																										
		3	About half	62	14	1,733	20	14,237	24	11,368	24																										
		4	Most	67	16	1,159	14	10,342	17	8,099	17																										
		5	Almost all	33	8	458	6	4,580	7	3,480	7																										
			Total	411	100	8,305	100	57,773	100	45,614	100																										
	tmreadinghrs			<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprehrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																																	
				<b>6.2</b>		5.9	.06	6.4	-.03	6.4	-.02																										
	tmreadinghrscol	1	0 hrs	2	1	34	0	246	0	199	0																										
		2	More than zero, up to 5 hrs	237	58	4,714	55	30,141	53	24,020	53																										
		3	More than 5, up to 10 hrs	95	23	2,310	29	16,140	28	12,687	28																										
		4	More than 10, up to 15 hrs	31	7	627	8	5,273	9	4,130	9																										
		5	More than 15, up to 20 hrs	24	5	344	4	2,923	5	2,247	5																										
		6	More than 20, up to 25 hrs	14	4	185	2	1,921	3	1,451	3																										
		7	More than 25 hrs	7	2	66	1	925	2	710	1																										
			Total	410	100	8,280	100	57,569	100	45,444	100																										
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																																					
a. Writing clearly and effectively	pgwrite	1	Very little	30	8	624	8	3,634	7	2,760	7	<b>2.9</b>	2.8 *	.10	2.9	.00	2.9	-0.02																			
		2	Some	102	25	2,249	27	13,658	24	10,705	24																										
		3	Quite a bit	139	34	3,338	40	22,662	39	17,932	39																										
		4	Very much	137	33	2,069	25	17,744	30	14,163	31																										
			Total	408	100	8,280	100	57,698	100	45,560	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State	Official Peers	Carnegie	Lrg Public VH Rsrch			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Speaking clearly and effectively	pgspeak	1	Very little	40	10	685	9	4,507	8	3,580	8	<b>2.9</b>	2.8	.07	2.9	-.01	2.9	-.02
		2	Some	88	21	2,271	28	14,364	25	11,239	25							
		3	Quite a bit	159	39	3,147	37	21,566	37	16,948	37							
		4	Very much	120	29	2,169	26	17,225	30	13,761	30							
		Total		407	100	8,272	100	57,662	100	45,528	100							
c. Thinking critically and analytically	pgthink	1	Very little	10	2	167	2	1,234	2	982	2	<b>3.4</b>	3.3	.05	3.3 *	.11	3.3 *	.10
		2	Some	43	11	977	12	7,323	13	5,709	13							
		3	Quite a bit	134	33	3,102	35	22,041	37	17,376	37							
		4	Very much	221	54	4,036	51	27,078	47	21,467	48							
		Total		408	100	8,282	100	57,676	100	45,534	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	34	8	508	6	4,658	8	3,627	8	<b>3.1</b>	3.1	.04	3.0 **	.14	3.0 **	.14
		2	Some	69	17	1,846	21	13,447	22	10,557	22							
		3	Quite a bit	124	30	2,781	33	19,497	33	15,453	34							
		4	Very much	181	45	3,149	41	20,082	37	15,906	37							
		Total		408	100	8,284	100	57,684	100	45,543	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	41	10	662	9	5,169	9	3,967	9	<b>2.9</b>	2.9	-.02	2.9	.01	2.9	.00
		2	Some	95	23	1,951	23	13,864	24	10,751	24							
		3	Quite a bit	126	31	2,922	34	19,610	33	15,524	33							
		4	Very much	146	36	2,747	34	19,020	33	15,275	34							
		Total		408	100	8,282	100	57,663	100	45,517	100							
f. Working effectively with others	pgothers	1	Very little	12	3	309	4	2,594	5	2,060	5	<b>3.1</b>	3.1	.00	3.1	.01	3.1	.00
		2	Some	88	22	1,669	21	11,694	21	9,178	21							
		3	Quite a bit	164	40	3,385	39	22,478	38	17,584	38							
		4	Very much	144	34	2,918	36	20,905	36	16,720	37							
		Total		408	100	8,281	100	57,671	100	45,542	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	63	16	1,055	14	6,679	13	5,147	12	<b>2.5</b>	2.7 **	-.15	2.8 ***	-.24	2.8 ***	-.26
		2	Some	144	36	2,416	29	14,732	26	11,518	26							
		3	Quite a bit	111	27	2,799	32	19,642	33	15,545	33							
		4	Very much	87	21	2,014	25	16,563	28	13,281	29							
		Total		405	100	8,284	100	57,616	100	45,491	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 2020 Frequencies and Statistical Comparisons

## North Carolina State University

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NC State		Official Peers		Carnegie		Lrg Public VH Rsrch		NC State		Official Peers		Carnegie		Lrg Public VH Rsrch	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	46	11	854	10	5,189	10	4,011	10	<b>2.7</b>	2.8 *	-10	2.9 ***	-20	2.9 ***	-22	
		2	Some	128	32	2,424	29	14,368	25	11,174	25								
		3	Quite a bit	144	35	2,897	35	20,091	34	15,808	34								
		4	Very much	90	21	2,103	26	18,025	31	14,534	32								
		Total		408	100	8,278	100	57,673	100	45,527	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	33	8	609	8	4,870	9	3,768	9	<b>2.9</b>	2.9	-04	2.9	.00	2.9	-01	
		2	Some	104	25	2,211	26	15,071	26	11,757	26								
		3	Quite a bit	157	39	3,062	36	20,822	35	16,447	35								
		4	Very much	114	28	2,399	30	16,892	29	13,558	30								
		Total		408	100	8,281	100	57,655	100	45,530	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	64	17	1,198	15	7,459	14	5,633	13	<b>2.5</b>	2.6	-05	2.7 **	-13	2.7 **	-16	
		2	Some	136	33	2,768	33	17,282	30	13,529	30								
		3	Quite a bit	124	31	2,573	30	18,517	31	14,706	31								
		4	Very much	84	20	1,747	22	14,441	25	11,692	25								
		Total		408	100	8,286	100	57,699	100	45,560	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	12	3	183	2	1,531	3	1,190	3	<b>3.3</b>	3.3	.03	3.2 *	.10	3.2	.09	
		2	Fair	45	11	864	11	7,145	13	5,450	12								
		3	Good	156	38	3,735	43	26,386	44	20,655	44								
		4	Excellent	197	48	3,531	43	22,853	40	18,446	41								
		Total		410	100	8,313	100	57,915	100	45,741	100								
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	13	4	265	3	2,488	5	1,855	4	<b>3.4</b>	3.3 *	.11	3.2 ***	.21	3.3 ***	.18	
		2	Probably no	34	9	815	10	7,024	12	5,285	12								
		3	Probably yes	130	32	3,267	39	23,182	39	17,983	39								
		4	Definitely yes	235	56	3,985	48	25,421	44	20,775	45								
		Total		412	100	8,332	100	58,115	100	45,898	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 2020 Frequencies and Statistical Comparisons

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

### North Carolina State University

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC State	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	Comparisons with:			Comparisons with:			Comparisons with:		
														Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch
1 a. askquest	653	2.48	2.69	2.69	2.69	.031	.011	.005	.005	.79	.84	.84	.84	812	681	688	.000	.000	.000	-.24	-.25	-.25
b. unpreparedr	653	3.10	2.96	2.98	2.97	.029	.010	.004	.005	.73	.78	.79	.79	6,901	34,432	27,685	.000	.000	.000	.17	.15	.16
c. attendart	650	1.73	1.80	1.82	1.81	.034	.011	.005	.005	.86	.85	.89	.89	6,877	34,331	27,616	.042	.010	.016	-.08	-.10	-.10
d. CLaskhelp	649	2.75	2.80	2.71	2.71	.032	.011	.005	.005	.83	.86	.87	.87	6,861	677	684	.155	.231	.220	-.06	.05	.05
e. CLexplain	648	2.77	2.84	2.80	2.79	.030	.010	.004	.005	.76	.80	.81	.81	6,832	676	683	.029	.312	.348	-.09	-.04	-.03
f. CLstudy	645	2.66	2.69	2.65	2.65	.036	.012	.005	.006	.92	.95	.96	.96	6,796	33,945	27,310	.549	.729	.697	-.02	.01	.02
g. CLproject	643	2.70	2.74	2.70	2.70	.031	.011	.005	.005	.78	.86	.86	.86	814	673	681	.224	.946	.938	-.05	.00	.00
h. present	642	2.15	2.11	2.16	2.16	.029	.011	.005	.005	.74	.84	.88	.88	827	677	687	.261	.656	.636	.04	-.02	-.02
2 a. RIintegrate	625	2.58	2.59	2.58	2.58	.032	.010	.005	.005	.80	.81	.84	.83	6,644	33,114	26,650	.707	.965	.907	-.02	.00	.00
b. RISocietal	615	2.43	2.52	2.54	2.55	.033	.011	.005	.005	.82	.85	.87	.87	6,564	641	648	.015	.001	.001	-.10	-.13	-.13
c. RIDiverse	608	2.44	2.48	2.54	2.54	.034	.011	.005	.006	.85	.88	.90	.90	6,494	633	640	.275	.003	.002	-.05	-.12	-.12
d. Rlownview	597	2.67	2.71	2.75	2.76	.032	.010	.005	.005	.79	.80	.81	.80	6,406	32,061	25,827	.192	.010	.008	-.06	-.11	-.11
e. Rlperspect	583	2.84	2.86	2.90	2.90	.031	.011	.004	.005	.76	.80	.79	.79	6,256	31,476	25,380	.595	.060	.053	-.02	-.08	-.08
f. RInewview	567	2.76	2.86	2.84	2.85	.032	.010	.005	.005	.77	.77	.79	.78	6,138	30,963	24,964	.005	.012	.011	-.12	-.11	-.11
g. RIconnect	559	3.06	3.07	3.04	3.03	.030	.010	.004	.005	.72	.73	.74	.74	6,047	30,517	24,607	.760	.533	.469	-.01	.03	.03
3 a. SFcareer	558	2.30	2.26	2.31	2.33	.038	.012	.005	.006	.89	.90	.92	.92	6,046	30,509	24,611	.258	.909	.548	.05	.00	-.03
b. SFotherwork	552	1.71	1.79	1.80	1.80	.035	.012	.005	.006	.83	.90	.91	.92	690	577	583	.030	.011	.006	-.09	-.10	-.11
c. SFdiscuss	541	1.90	1.98	2.00	1.99	.034	.012	.005	.006	.79	.86	.88	.89	5,897	29,946	572	.025	.012	.007	-.10	-.11	-.11
d. SFperform	542	1.94	1.99	2.07	2.08	.034	.012	.005	.006	.80	.86	.88	.88	5,880	565	571	.201	.000	.000	-.06	-.15	-.16
4 a. memorize	534	2.91	2.88	2.96	2.96	.035	.011	.005	.005	.80	.80	.79	.79	5,835	29,680	23,956	.412	.211	.200	.04	-.05	-.06
b. HOapply	534	3.09	3.04	2.98	2.97	.034	.011	.005	.005	.78	.77	.79	.79	5,806	29,508	23,821	.172	.002	.001	.06	.14	.14
c. HOanalyze	527	2.90	2.93	2.93	2.93	.035	.011	.005	.005	.80	.81	.81	.81	5,750	29,230	23,588	.377	.394	.414	-.04	-.04	-.04
d. HOevaluate	523	2.72	2.76	2.85	2.86	.036	.012	.005	.005	.81	.85	.83	.83	5,723	29,046	23,447	.290	.000	.000	-.05	-.16	-.17
e. HOform	514	2.79	2.84	2.87	2.87	.035	.011	.005	.005	.80	.80	.81	.81	5,670	28,871	23,315	.140	.030	.023	-.07	-.10	-.10
5 a. ETgoals	507	3.05	3.06	3.05	3.05	.032	.010	.005	.005	.73	.75	.76	.76	5,608	28,606	23,094	.730	.929	.886	-.02	.00	.01
b. ETorganize	505	3.02	3.01	2.99	2.99	.033	.011	.005	.005	.73	.77	.80	.80	5,600	526	531	.790	.268	.270	.01	.05	.05
c. ETexample	501	3.07	3.07	3.02	3.01	.034	.011	.005	.005	.76	.78	.80	.80	5,582	28,462	22,983	.995	.143	.112	.00	.07	.07
d. ETdraftfb	501	2.53	2.59	2.69	2.70	.040	.013	.005	.006	.90	.91	.91	.91	5,565	28,408	22,952	.172	.000	.000	-.06	-.18	-.18
e. ETfeedback	499	2.63	2.60	2.62	2.62	.037	.012	.005	.006	.83	.87	.89	.89	5,556	519	524	.524	.933	.913	.03	.00	.00
6 a. QRconclude	487	2.69	2.67	2.64	2.64	.037	.012	.005	.006	.83	.85	.86	.86	5,458	27,934	22,567	.576	.217	.230	.03	.06	.06
b. QRproblem	486	2.26	2.34	2.36	2.36	.040	.013	.006	.006	.89	.91	.92	.92	5,433	503	508	.049	.015	.009	-.09	-.11	-.12
c. QRevaluate	486	2.37	2.42	2.39	2.40	.038	.012	.005	.006	.83	.86	.88	.88	5,414	504	509	.208	.542	.465	-.06	-.03	-.03

# NSSE 2020 Frequencies and Statistical Comparisons

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

### North Carolina State University

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC State	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	Comparisons with:			Comparisons with:			Comparisons with:		
														Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch
7 a. wrshortnum	476	5.38	6.31	6.16	6.12	.220	.082	.033	.037	4.80	5.76	5.50	5.48	614	497	502	.000	.000	.001	-.16	-.14	-.14
b. wrmednum	477	2.12	2.19	2.23	2.22	.140	.050	.020	.023	3.06	3.53	3.36	3.37	606	497	502	.596	.422	.444	-.02	-.03	-.03
c. wrlongnum	479	.61	1.01	.98	.99	.096	.043	.018	.020	2.10	3.01	2.90	2.94	687	511	521	.000	.000	.000	-.14	-.13	-.13
— wrpages	473	41.91	51.37	50.49	50.59	2.665	1.085	.444	.500	57.99	76.00	72.78	73.63	640	499	506	.001	.002	.001	-.13	-.12	-.12
8 a. DDrace	476	3.19	3.11	3.14	3.13	.038	.012	.005	.006	.83	.86	.86	.87	5,388	27,518	22,228	.047	.226	.119	.10	.06	.07
b. DDeconomic	476	3.12	3.07	3.10	3.09	.038	.012	.005	.006	.84	.83	.85	.85	5,372	27,446	22,174	.223	.659	.478	.06	.02	.03
c. DDreligion	473	3.06	3.08	3.06	3.05	.041	.012	.005	.006	.88	.86	.89	.89	5,374	27,448	22,178	.664	.963	.887	-.02	.00	.01
d. DDpolitical	473	2.96	2.96	2.96	2.98	.039	.013	.006	.006	.85	.89	.91	.91	578	492	496	.869	.985	.710	.01	.00	-.02
9 a. LSreading	465	2.94	2.95	2.97	2.97	.034	.011	.005	.005	.72	.78	.77	.77	572	27,242	488	.790	.438	.479	-.01	-.04	-.03
b. LSnotes	468	2.88	2.82	2.88	2.88	.041	.013	.005	.006	.90	.88	.88	.88	5,329	27,237	21,991	.121	.976	.938	.08	.00	.00
c. LSsummary	468	2.82	2.74	2.80	2.80	.040	.012	.005	.006	.85	.86	.87	.87	5,330	27,221	21,978	.073	.673	.649	.09	.02	.02
10. challenge	462	5.47	5.48	5.38	5.36	.053	.017	.007	.008	1.14	1.19	1.22	1.22	5,297	27,047	21,844	.868	.128	.070	-.01	.07	.09
11 a. intern <sup>l</sup>	462	.101	.093	.079	.079	.0141	.0042	.0017	.0018	--	--	--	--	--	--	--	.584	.083	.075	.03	.08	.08
b. leader <sup>l</sup>	460	.126	.146	.117	.113	.0155	.0051	.0020	.0022	--	--	--	--	--	--	--	.228	.593	.399	-.06	.02	.04
c. learncom <sup>l</sup>	460	.225	.246	.164	.168	.0195	.0062	.0023	.0026	--	--	--	--	--	--	--	.302	.001	.001	-.05	.15	.14
d. abroad <sup>l</sup>	459	.040	.038	.033	.034	.0092	.0028	.0011	.0012	--	--	--	--	--	--	--	.847	.382	.472	.01	.04	.03
e. research <sup>l</sup>	460	.048	.080	.057	.053	.0100	.0039	.0014	.0015	--	--	--	--	--	--	--	.014	.421	.614	-.13	-.04	-.02
f. capstone <sup>l</sup>	459	.007	.017	.021	.021	.0040	.0019	.0009	.0010	--	--	--	--	--	--	--	.107	.044	.038	-.09	-.12	-.12
12. servcourse	458	1.41	1.53	1.57	1.58	.027	.010	.004	.005	.58	.66	.68	.68	577	479	485	.000	.000	.000	-.18	-.25	-.26
13 a. QIstudent	451	5.65	5.54	5.47	5.47	.055	.018	.008	.009	1.16	1.26	1.30	1.31	555	469	475	.040	.001	.001	.09	.14	.14
b. QIadvisor	445	5.38	5.43	5.37	5.39	.071	.022	.010	.011	1.51	1.49	1.55	1.54	5,122	26,179	21,164	.501	.839	.928	-.03	.01	.00
c. QIfaculty	449	5.45	5.38	5.33	5.33	.055	.018	.008	.009	1.17	1.27	1.31	1.32	5,175	468	473	.328	.042	.039	.05	.09	.09
d. QIstaff	426	5.39	5.24	5.19	5.20	.067	.022	.010	.011	1.39	1.45	1.50	1.50	4,902	442	447	.041	.004	.006	.10	.13	.13
e. QIadmin	349	5.19	5.16	5.07	5.08	.078	.023	.010	.011	1.46	1.46	1.54	1.54	4,452	23,858	19,263	.660	.132	.176	.02	.08	.07
14 a. empstudy	449	3.21	3.18	3.11	3.09	.035	.011	.005	.005	.74	.73	.74	.74	5,209	26,526	468	.485	.004	.001	.03	.14	.16
b. SEacademic	448	3.06	3.05	3.04	3.04	.037	.012	.005	.006	.78	.80	.80	.80	5,197	26,451	21,360	.853	.599	.622	.01	.03	.02
c. SElearnsup	448	3.13	3.06	3.08	3.08	.041	.012	.005	.006	.86	.85	.86	.86	5,192	26,432	21,340	.084	.183	.166	.09	.06	.07
d. SEdiverse	446	2.86	2.77	2.80	2.80	.043	.014	.006	.006	.91	.93	.93	.93	5,185	26,388	21,304	.050	.160	.205	.10	.07	.06
e. SEsocial	446	3.08	3.03	3.01	3.03	.039	.012	.005	.006	.82	.83	.85	.84	5,176	26,363	21,295	.216	.052	.156	.06	.09	.07
f. SEwellness	447	3.09	2.96	2.97	2.99	.038	.013	.005	.006	.80	.88	.87	.87	553	465	21,241	.001	.001	.011	.15	.14	.12



# NSSE 2020 Frequencies and Statistical Comparisons

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

### North Carolina State University

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC State	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	Comparisons with:			Comparisons with:			Comparisons with:		
														Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch
g. SEnonacad	445	2.25	2.29	2.33	2.36	.042	.014	.006	.007	.89	.93	.95	.95	541	462	466	.309	.040	.007	-.05	-.09	-.12
h. SEactivities	446	3.01	2.91	2.89	2.92	.039	.012	.006	.006	.82	.84	.89	.88	537	463	467	.012	.002	.015	.12	.14	.11
i. SEevents	445	2.54	2.43	2.47	2.48	.042	.013	.006	.006	.89	.90	.93	.93	5,162	26,274	21,219	.014	.095	.191	.12	.08	.06
15 a. SBmyself	445	3.33	3.35	3.29	3.29	.031	.014	.006	.006	.66	.66	.68	.67	2,801	15,498	11,743	.618	.172	.189	-.03	.07	.06
b. SBvalued	445	3.00	3.02	2.97	2.99	.036	.015	.006	.007	.76	.74	.75	.75	2,798	15,492	11,743	.573	.398	.682	-.03	.04	.02
c. SBcommunity	445	3.10	3.14	3.03	3.04	.035	.015	.006	.007	.74	.75	.76	.76	2,802	15,502	11,748	.385	.034	.070	-.04	.10	.09
16 a. tmprephrs	441	16.90	17.32	15.29	15.16	.389	.123	.051	.057	8.17	8.42	8.17	8.13	5,127	26,140	21,116	.309	.000	.000	-.05	.20	.21
b. tmcocurrhrs	438	5.79	6.40	6.03	5.97	.276	.096	.043	.048	5.78	6.56	6.85	6.83	548	458	463	.037	.394	.532	-.09	-.03	-.03
c. tmworkonhrs	441	1.54	2.96	2.56	2.55	.198	.087	.037	.041	4.17	5.95	5.93	5.95	623	472	479	.000	.000	.000	-.24	-.17	-.17
d. tmworkoffhrs	442	1.26	2.01	3.89	4.03	.202	.083	.050	.056	4.26	5.71	7.96	8.07	601	495	511	.001	.000	.000	-.13	-.33	-.35
— tmworkhrs	441	2.81	4.92	6.40	6.54	.308	.134	.066	.074	6.47	9.19	10.48	10.59	621	480	491	.000	.000	.000	-.24	-.34	-.35
e. tmservicehrs	443	1.71	2.17	2.50	2.55	.158	.063	.029	.033	3.31	4.33	4.72	4.78	594	473	482	.006	.000	.000	-.11	-.17	-.18
f. tmrelaxhrs	442	13.24	13.26	13.28	13.38	.363	.118	.053	.059	7.64	8.11	8.43	8.47	539	459	464	.958	.911	.695	.00	.00	-.02
g. tmcarehrs	441	.56	1.05	1.73	1.78	.123	.059	.033	.037	2.59	4.04	5.21	5.27	662	503	521	.000	.000	.000	-.12	-.23	-.23
h. tmcommutehrs	443	2.83	3.53	4.25	4.40	.202	.078	.038	.042	4.24	5.31	6.01	6.10	581	473	482	.001	.000	.000	-.13	-.24	-.26
17. reading	443	2.30	2.48	2.55	2.53	.047	.016	.007	.007	.98	1.08	1.08	1.07	546	460	464	.000	.000	.000	-.17	-.23	-.21
— tmreadinghrs	440	5.82	6.64	6.19	6.10	.238	.083	.034	.038	4.99	5.64	5.45	5.39	550	457	461	.001	.124	.244	-.15	-.07	-.05
18 a. pgwrite	441	2.47	2.53	2.68	2.69	.043	.013	.006	.006	.91	.91	.89	.89	5,090	25,960	20,979	.134	.000	.000	-.07	-.24	-.25
b. pgspeak	441	2.32	2.43	2.57	2.59	.047	.014	.006	.007	.99	.96	.94	.94	5,093	25,939	20,967	.021	.000	.000	-.12	-.26	-.28
c. pgthink	438	3.00	3.09	3.06	3.07	.040	.012	.005	.006	.85	.80	.80	.80	5,084	25,948	20,971	.033	.108	.090	-.11	-.08	-.08
d. pganalyze	437	2.73	2.85	2.77	2.77	.044	.013	.006	.006	.93	.92	.93	.92	5,088	25,930	20,956	.009	.358	.289	-.13	-.04	-.05
e. pgwork	439	2.68	2.62	2.61	2.62	.045	.014	.006	.007	.95	.94	.94	.94	5,085	25,953	20,972	.194	.100	.158	.06	.08	.07
f. pgothers	439	2.76	2.81	2.83	2.84	.043	.013	.005	.006	.89	.88	.87	.87	5,093	25,946	20,968	.263	.119	.060	-.06	-.07	-.09
g. pgvalues	439	2.48	2.59	2.66	2.68	.044	.014	.006	.007	.93	.96	.95	.94	5,091	25,929	20,956	.022	.000	.000	-.11	-.19	-.20
h. pgdiverse	437	2.70	2.73	2.79	2.81	.043	.014	.006	.006	.90	.92	.93	.92	5,089	25,928	20,957	.494	.045	.021	-.03	-.10	-.11
i. pgprobsolve	437	2.76	2.67	2.67	2.68	.043	.014	.006	.006	.90	.93	.93	.92	5,089	25,923	20,947	.057	.035	.064	.10	.10	.09
j. pgcitizen	439	2.57	2.60	2.64	2.66	.045	.014	.006	.007	.93	.94	.94	.94	5,097	25,963	20,975	.597	.123	.058	-.03	-.07	-.09
19. evalexp	444	3.28	3.27	3.20	3.20	.033	.011	.005	.005	.70	.72	.72	.72	5,127	26,092	21,085	.870	.024	.040	.01	.11	.10
20. sameinst	449	3.41	3.32	3.25	3.26	.034	.011	.005	.005	.73	.75	.78	.77	5,156	26,224	21,198	.024	.000	.000	.11	.20	.18
21. returnexp <sup>1</sup>	448	.958	.928	.909	.908	.0095	.0038	.0018	.0020	--	--	--	--	--	--	--	.017	.000	.000	.13	.20	.21

# NSSE 2020 Frequencies and Statistical Comparisons

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

### North Carolina State University

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC State	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	Comparisons with:			Comparisons with:			Comparisons with:		
														Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch
1 a. askquest	514	2.85	2.81	2.91	2.92	.040	.010	.004	.005	.90	.89	.89	.89	8,200	42,737	34,660	.368	.108	.085	.04	-.07	-.08
b. unpreparedr	512	2.90	2.78	2.89	2.89	.034	.010	.004	.005	.78	.83	.84	.84	592	526	529	.001	.672	.729	.15	.02	.01
c. attendart	508	1.69	1.84	1.76	1.76	.036	.010	.004	.005	.80	.85	.87	.88	8,132	42,412	34,391	.000	.081	.080	-.17	-.08	-.08
d. CLaskhelp	508	2.53	2.65	2.55	2.54	.040	.010	.004	.005	.90	.89	.91	.91	8,116	42,339	34,328	.004	.610	.753	-.13	-.02	-.01
e. CLexplain	507	2.80	2.86	2.80	2.79	.036	.009	.004	.005	.80	.81	.85	.86	8,102	519	523	.143	.855	.734	-.07	.01	.01
f. CLstudy	505	2.58	2.59	2.57	2.57	.042	.011	.005	.005	.95	.98	.99	1.00	8,067	42,062	520	.688	.951	.853	-.02	.00	.01
g. CLproject	507	3.04	3.01	2.92	2.91	.038	.010	.004	.005	.86	.86	.90	.90	8,034	41,906	523	.422	.003	.001	.04	.13	.14
h. present	507	2.69	2.65	2.65	2.64	.042	.011	.005	.005	.95	.92	.95	.96	8,029	41,851	33,937	.286	.302	.190	.05	.05	.06
2 a. RIintegrate	499	2.90	2.90	2.92	2.92	.037	.009	.004	.005	.83	.81	.84	.84	7,930	41,411	33,588	.920	.583	.494	.00	-.02	-.03
b. RISocietal	494	2.62	2.66	2.71	2.72	.042	.010	.005	.005	.93	.90	.91	.91	7,877	41,168	33,385	.305	.027	.013	-.05	-.10	-.11
c. RIDiverse	490	2.44	2.46	2.53	2.54	.043	.011	.005	.005	.95	.94	.97	.97	7,791	40,847	33,114	.503	.034	.018	-.03	-.10	-.11
d. Rlownview	486	2.71	2.76	2.81	2.82	.036	.010	.004	.005	.80	.83	.84	.83	7,725	40,532	32,857	.217	.013	.007	-.06	-.11	-.12
e. Rlperspect	474	2.84	2.91	2.96	2.97	.039	.010	.004	.005	.84	.80	.81	.81	531	483	485	.063	.001	.001	-.09	-.16	-.16
f. Rlnewview	470	2.90	2.94	2.96	2.96	.039	.009	.004	.004	.84	.78	.79	.79	525	479	481	.328	.137	.105	-.05	-.07	-.08
g. RIconnect	467	3.17	3.14	3.16	3.17	.035	.009	.004	.004	.75	.72	.74	.73	7,415	39,122	31,726	.398	.764	.866	.04	.01	.01
3 a. SFcareer	467	2.31	2.32	2.39	2.39	.044	.011	.005	.006	.96	.96	.98	.98	7,405	39,071	31,667	.917	.074	.086	.00	-.08	-.08
b. SFotherwork	464	1.94	1.99	1.97	1.97	.047	.012	.005	.006	1.01	1.00	1.01	1.01	7,337	38,874	31,507	.396	.598	.645	-.04	-.02	-.02
c. SFdiscuss	463	2.08	2.12	2.14	2.12	.041	.011	.005	.005	.87	.90	.93	.93	7,294	475	478	.268	.138	.229	-.05	-.07	-.05
d. SFperform	462	1.96	1.98	2.12	2.12	.039	.011	.005	.005	.84	.87	.90	.91	7,291	474	477	.632	.000	.000	-.02	-.18	-.17
4 a. memorize	457	2.79	2.75	2.82	2.82	.042	.010	.004	.005	.90	.86	.87	.87	7,231	38,322	31,072	.274	.551	.542	.05	-.03	-.03
b. HOapply	458	3.09	3.07	3.06	3.06	.037	.010	.004	.005	.78	.78	.80	.80	7,202	38,146	30,932	.591	.363	.448	.03	.04	.04
c. HOanalyze	450	2.95	2.97	3.01	3.02	.038	.010	.004	.005	.80	.81	.82	.82	7,150	37,834	30,682	.538	.084	.062	-.03	-.08	-.09
d. HOevaluate	447	2.66	2.72	2.86	2.87	.042	.011	.005	.005	.90	.91	.88	.88	7,105	457	459	.157	.000	.000	-.07	-.22	-.24
e. HOform	445	2.77	2.83	2.91	2.92	.041	.010	.004	.005	.87	.85	.84	.84	7,085	454	456	.107	.001	.000	-.08	-.17	-.18
5 a. ETgoals	439	3.08	3.08	3.11	3.12	.036	.009	.004	.005	.75	.76	.78	.78	7,023	449	452	.898	.300	.254	-.01	-.05	-.05
b. ETorganize	437	3.08	3.04	3.03	3.03	.037	.009	.004	.005	.77	.77	.81	.82	7,016	37,138	30,096	.390	.203	.267	.04	.06	.05
c. ETexample	436	3.15	3.12	3.09	3.09	.037	.010	.004	.005	.77	.78	.81	.81	6,999	37,071	30,047	.424	.129	.154	.04	.07	.07
d. ETdraftfb	435	2.52	2.53	2.67	2.68	.047	.012	.005	.006	.97	.95	.96	.96	6,988	36,995	29,983	.952	.001	.001	.00	-.16	-.17
e. ETfeedback	434	2.62	2.61	2.71	2.72	.042	.011	.005	.005	.88	.88	.91	.91	6,953	36,898	29,903	.734	.035	.026	.02	-.10	-.11
6 a. QRconclude	431	2.78	2.75	2.71	2.71	.044	.011	.005	.005	.91	.90	.90	.90	6,850	36,431	29,533	.486	.096	.102	.03	.08	.08
b. QRproblem	430	2.37	2.45	2.45	2.47	.046	.012	.005	.006	.95	.96	.97	.97	6,826	36,265	29,394	.073	.072	.035	-.09	-.09	-.10
c. QRevaluate	426	2.50	2.54	2.50	2.51	.042	.011	.005	.005	.87	.90	.92	.92	6,803	436	29,291	.321	.996	.893	-.05	.00	-.01

# NSSE 2020 Frequencies and Statistical Comparisons

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

### North Carolina State University

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC State	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	Comparisons with:			Comparisons with:			Comparisons with:		
														Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch
7 a. wrshortnum	424	6.97	6.98	7.07	7.05	.305	.080	.034	.038	6.28	6.40	6.45	6.45	6,749	35,994	29,174	.989	.764	.806	.00	-.01	-.01
b. wrmednum	423	3.34	2.99	3.29	3.28	.232	.050	.023	.026	4.77	3.99	4.39	4.40	463	35,862	29,071	.133	.803	.754	.09	.01	.02
c. wrlongnum	423	2.08	1.73	1.93	1.93	.193	.044	.020	.023	3.98	3.46	3.84	3.88	466	35,954	29,139	.074	.415	.413	.10	.04	.04
— wrpages	421	77.91	70.23	75.96	75.72	4.905	1.097	.514	.577	100.69	86.88	96.56	97.34	463	35,676	28,920	.128	.682	.648	.09	.02	.02
8 a. DDrace	424	3.24	3.11	3.17	3.16	.041	.011	.005	.005	.84	.88	.88	.88	6,740	35,934	29,118	.004	.100	.066	.15	.08	.09
b. DDeconomic	423	3.19	3.08	3.13	3.12	.040	.011	.005	.005	.81	.83	.86	.86	6,732	35,859	29,063	.006	.121	.104	.14	.08	.08
c. DDreligion	424	3.23	3.08	3.08	3.08	.041	.011	.005	.005	.84	.87	.90	.90	6,728	35,845	29,045	.001	.001	.001	.17	.16	.16
d. DDpolitical	424	3.09	2.95	2.98	2.99	.044	.011	.005	.005	.90	.89	.93	.92	6,730	35,875	29,076	.002	.015	.031	.15	.12	.11
9 a. LSreading	422	2.88	2.96	3.04	3.04	.042	.010	.004	.005	.86	.83	.82	.81	474	430	432	.080	.000	.000	-.09	-.19	-.19
b. LSnotes	420	2.74	2.65	2.80	2.81	.046	.012	.005	.006	.95	.93	.93	.93	6,680	35,653	28,893	.039	.199	.130	.10	-.06	-.07
c. LSsummary	419	2.70	2.64	2.79	2.80	.045	.012	.005	.005	.92	.91	.91	.91	6,674	35,637	28,881	.169	.045	.024	.07	-.10	-.11
10. challenge	421	5.41	5.30	5.42	5.41	.065	.016	.007	.008	1.33	1.27	1.31	1.32	6,649	35,448	28,728	.081	.951	.974	.09	.00	.00
11 a. intern <sup>l</sup>	416	.656	.629	.520	.512	.0233	.0061	.0027	.0030	--	--	--	--	--	--	--	.262	.000	.000	.06	.28	.29
b. leader <sup>l</sup>	418	.457	.525	.390	.377	.0244	.0063	.0026	.0029	--	--	--	--	--	--	--	.007	.005	.001	-.14	.14	.16
c. learncom <sup>l</sup>	415	.273	.277	.234	.235	.0219	.0057	.0023	.0025	--	--	--	--	--	--	--	.870	.057	.068	-.01	.09	.09
d. abroad <sup>l</sup>	418	.230	.242	.173	.168	.0206	.0054	.0020	.0022	--	--	--	--	--	--	--	.574	.002	.001	-.03	.14	.16
e. research <sup>l</sup>	415	.312	.342	.257	.247	.0228	.0060	.0023	.0026	--	--	--	--	--	--	--	.215	.011	.002	-.06	.12	.14
f. capstone <sup>l</sup>	416	.512	.435	.430	.422	.0245	.0063	.0027	.0029	--	--	--	--	--	--	--	.002	.001	.000	.16	.17	.18
12. servcourse	415	1.47	1.57	1.66	1.67	.027	.008	.004	.004	.56	.64	.69	.69	491	430	433	.001	.000	.000	-.16	-.28	-.30
13 a. QIstudent	413	5.68	5.61	5.57	5.58	.058	.015	.007	.008	1.18	1.22	1.31	1.31	6,570	424	428	.272	.072	.083	.06	.08	.08
b. QIadvisor	412	5.09	5.21	5.11	5.13	.085	.022	.010	.011	1.72	1.70	1.77	1.77	6,546	34,767	28,175	.156	.773	.626	-.07	-.01	-.02
c. QIfaculty	413	5.30	5.34	5.38	5.39	.070	.017	.007	.008	1.42	1.29	1.38	1.38	459	34,826	28,204	.602	.232	.202	-.03	-.06	-.06
d. QIstaff	364	5.13	4.97	4.95	4.99	.083	.021	.010	.011	1.59	1.57	1.66	1.65	5,820	29,688	23,910	.062	.039	.102	.10	.11	.09
e. QIadmin	345	5.10	4.87	4.83	4.85	.080	.022	.010	.011	1.48	1.60	1.69	1.69	5,829	354	357	.009	.001	.003	.15	.16	.14
14 a. empstudy	413	3.26	3.22	3.13	3.11	.036	.009	.004	.005	.73	.73	.76	.76	6,576	34,985	28,338	.312	.001	.000	.05	.16	.19
b. SEacademic	414	2.88	2.86	2.88	2.89	.042	.010	.005	.005	.85	.82	.85	.84	6,553	34,909	28,277	.507	.848	.845	.03	.01	-.01
c. SElearnsup	413	2.70	2.78	2.80	2.81	.048	.011	.005	.006	.98	.88	.93	.93	458	421	424	.096	.043	.024	-.09	-.11	-.12
d. SEdiverse	414	2.64	2.54	2.63	2.65	.047	.012	.005	.006	.96	.97	.99	.99	6,551	34,830	28,213	.032	.775	.901	.11	.01	-.01
e. SEsocial	411	2.94	2.88	2.86	2.88	.042	.011	.005	.005	.84	.86	.91	.90	6,537	422	425	.167	.062	.214	.07	.09	.06
f. SEwellness	413	2.91	2.74	2.75	2.79	.045	.012	.005	.006	.92	.95	.95	.95	472	422	425	.000	.001	.009	.18	.16	.13

# NSSE 2020 Frequencies and Statistical Comparisons

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

### North Carolina State University

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	NC State	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	NC State	Official Peers	Carnegie	Lrg Public VH Rsrch	Comparisons with:			Comparisons with:			Comparisons with:		
														Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch	Official Peers	Carnegie	Lrg Public VH Rsrch
g. SEnonacad	411	1.98	1.98	2.06	2.10	.043	.012	.005	.006	.88	.92	.97	.98	6,533	422	426	.996	.042	.006	.00	-.09	-.12
h. SEactivities	410	2.75	2.73	2.69	2.72	.045	.011	.005	.006	.92	.90	.96	.95	6,519	420	28,105	.671	.158	.495	.02	.07	.03
i. SEevents	410	2.29	2.27	2.32	2.34	.045	.011	.005	.006	.91	.89	.94	.95	6,527	34,712	422	.732	.578	.311	.02	-.03	-.05
15 a. SBmyself	413	3.30	3.35	3.31	3.32	.037	.013	.005	.006	.76	.70	.72	.71	3,204	21,284	16,282	.190	.935	.628	-.07	.00	-.02
b. SBvalued	412	2.86	2.83	2.85	2.88	.043	.016	.006	.007	.87	.85	.86	.86	3,202	21,253	16,251	.449	.714	.720	.04	.02	-.02
c. SBcommunity	411	3.03	3.03	2.94	2.96	.041	.015	.006	.007	.83	.81	.84	.84	3,201	21,271	16,268	.867	.041	.097	-.01	.10	.08
16 a. tmprephrs	409	16.59	16.53	15.20	15.12	.448	.117	.048	.053	9.07	9.12	8.86	8.84	6,511	34,608	28,022	.903	.002	.001	.01	.16	.17
b. tmcocurrhrs	410	5.03	6.58	5.52	5.42	.326	.091	.038	.042	6.61	7.12	7.08	7.02	476	421	423	.000	.134	.234	-.22	-.07	-.06
c. tmworkonhrs	410	4.22	5.46	4.23	4.18	.347	.102	.041	.046	7.02	7.93	7.61	7.62	482	34,559	27,980	.001	.975	.932	-.16	.00	.00
d. tmworkoffhrs	408	7.46	6.19	10.52	10.95	.511	.125	.067	.075	10.31	9.78	12.36	12.47	6,507	421	424	.012	.000	.000	.13	-.25	-.28
— tmworkhrs	408	11.68	11.63	14.73	15.11	.552	.145	.070	.079	11.14	11.29	12.96	13.02	6,492	420	423	.931	.000	.000	.00	-.24	-.26
e. tmservicehrs	408	2.30	2.49	3.09	3.14	.216	.059	.030	.033	4.36	4.58	5.46	5.53	6,502	423	427	.400	.000	.000	-.04	-.15	-.15
f. tmrelaxhrs	408	12.86	12.81	11.93	11.90	.423	.106	.045	.050	8.55	8.23	8.37	8.35	6,495	34,537	27,972	.902	.025	.021	.01	.11	.12
g. tmcarehrs	409	1.72	1.70	3.90	4.01	.298	.075	.048	.054	6.03	5.82	8.89	8.99	6,497	429	435	.930	.000	.000	.00	-.25	-.26
h. tmcommutehrs	409	4.78	4.64	5.50	5.58	.233	.065	.033	.037	4.71	5.04	6.12	6.17	6,497	425	430	.571	.003	.001	.03	-.12	-.13
17. reading	409	2.45	2.39	2.62	2.62	.062	.015	.006	.007	1.25	1.15	1.19	1.18	456	34,508	27,954	.410	.004	.004	.05	-.14	-.14
— tmreadinghrs	408	6.22	5.91	6.40	6.37	.296	.068	.032	.035	5.99	5.26	5.92	5.87	451	34,383	27,849	.296	.541	.619	.06	-.03	-.02
18 a. pgwrite	407	2.92	2.83	2.92	2.94	.047	.012	.005	.005	.94	.90	.90	.90	6,477	34,446	417	.040	.956	.708	.10	.00	-.02
b. pgspeak	406	2.86	2.80	2.88	2.89	.047	.012	.005	.006	.95	.93	.93	.93	6,473	34,421	27,872	.187	.806	.630	.07	-.01	-.02
c. pgthink	407	3.38	3.34	3.30	3.30	.038	.010	.004	.005	.77	.77	.78	.78	6,481	34,442	27,889	.319	.029	.042	.05	.11	.10
d. pganalyze	407	3.12	3.08	2.99	2.99	.048	.012	.005	.006	.96	.92	.95	.94	6,482	34,438	27,888	.380	.004	.005	.04	.14	.14
e. pgwork	407	2.92	2.94	2.90	2.92	.049	.012	.005	.006	1.00	.96	.97	.97	6,479	34,423	27,868	.697	.772	1.000	-.02	.01	.00
f. pgothers	407	3.06	3.06	3.05	3.06	.041	.011	.005	.005	.83	.86	.88	.88	6,478	34,432	27,885	.939	.873	.968	.00	.01	.00
g. pgvalues	404	2.53	2.68	2.77	2.79	.049	.013	.005	.006	.99	1.00	1.00	1.00	6,478	34,391	27,852	.005	.000	.000	-.15	-.24	-.26
h. pgdiverse	407	2.66	2.76	2.86	2.87	.047	.012	.005	.006	.94	.95	.97	.97	6,478	34,420	27,873	.042	.000	.000	-.10	-.20	-.22
i. pgprobsolve	407	2.86	2.89	2.85	2.87	.046	.012	.005	.006	.92	.92	.95	.94	6,482	34,419	27,877	.423	.961	.801	-.04	.00	-.01
j. pgcitizen	407	2.53	2.58	2.67	2.69	.049	.013	.005	.006	.99	.99	1.00	.99	6,486	34,439	27,891	.373	.008	.002	-.05	-.13	-.16
19. evalexp	409	3.29	3.27	3.21	3.22	.040	.010	.004	.005	.80	.75	.77	.77	458	417	28,017	.621	.047	.073	.03	.10	.09
20. sameinst	411	3.40	3.31	3.23	3.25	.039	.010	.004	.005	.79	.79	.83	.83	6,522	34,720	28,118	.025	.000	.000	.11	.21	.18

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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" or "Yes."
- 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" or "Yes."