
NSSE 2019

Frequencies and Statistical Comparisons

University of North Dakota

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NSSE 2019 Frequencies and Statistical Comparisons

About This Report

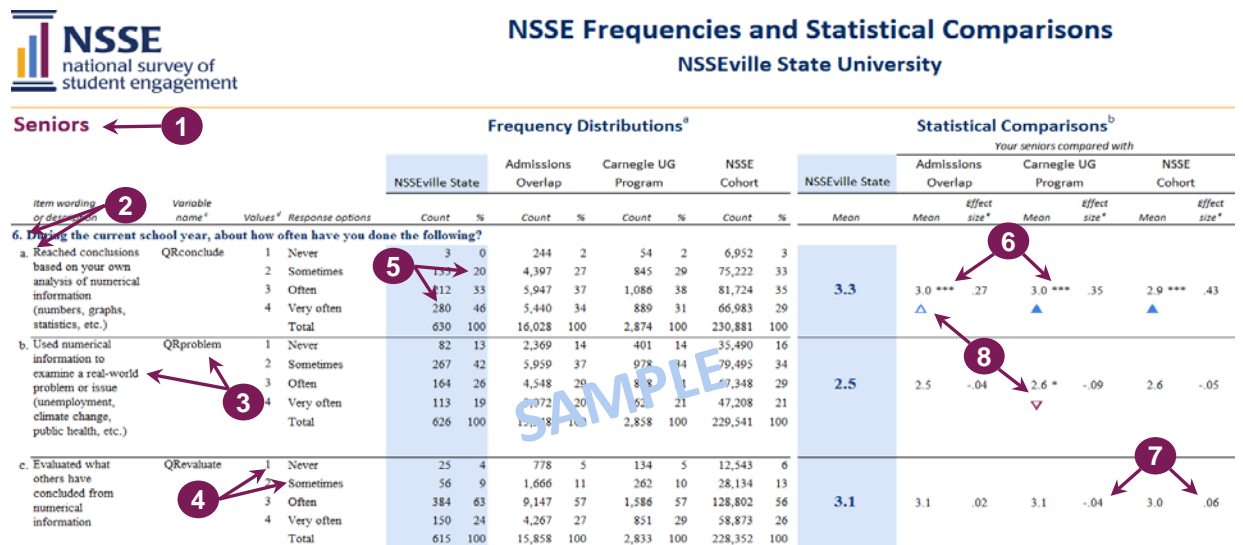
The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly 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) or contact a member of the NSSE team.

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.

- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

Note: Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: nsse.indiana.edu/links/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.



		Frequency Distributions ^a								Statistical Comparisons ^b									
		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort			
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	effect size ^e	Mean	effect size ^e	Mean	effect size ^e	
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	195	20	4,397	27	845	29	75,222	33								
		3	Often	412	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	853	31	67,348	29								
		4	Very often	113	19	3,072	20	62	21	47,208	21								
			Total	626	100	17,118	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.
- 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 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	18	3	509	4	1,489	4	97	5	2.6	2.7 *** ▽	-.14	2.8 *** ▽	-.16	2.7	-.05	
		2	Sometimes	325	47	5,792	39	15,277	38	946	42								
		3	Often	241	35	5,281	36	13,417	35	786	34								
		4	Very often	105	16	3,045	21	8,830	23	448	19								
			Total	689	100	14,627	100	39,013	100	2,277	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	106	16	2,987	20	6,939	18	464	20	2.5	2.4 *** △	.16	2.5 * △	.08	2.4 *** △	.14	
		2	Sometimes	222	33	5,366	37	13,892	36	811	36								
		3	Often	234	34	4,087	28	11,239	29	644	29								
		4	Very often	126	18	2,157	15	6,760	17	353	15								
			Total	688	100	14,597	100	38,830	100	2,272	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	44	7	761	5	2,043	5	140	6	2.9	3.0 *** ▽	-.15	3.0 *** ▽	-.15	2.9	-.06	
		2	Often	102	15	2,061	14	5,363	14	352	16								
		3	Sometimes	418	60	8,170	56	21,884	56	1,261	56								
		4	Never	126	18	3,594	25	9,511	25	513	22								
			Total	690	100	14,586	100	38,801	100	2,266	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	280	41	5,715	40	14,613	39	771	35	1.8	1.9 * ▽	-.08	1.9 * ▽	-.09	2.0 *** ▽	-.17	
		2	Sometimes	276	40	5,580	38	15,153	38	896	40								
		3	Often	96	13	2,118	14	5,848	15	382	16								
		4	Very often	38	6	1,165	8	3,087	8	221	9								
			Total	690	100	14,578	100	38,701	100	2,270	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	31	5	1,065	8	2,760	8	159	7	2.7	2.7 ** △	.11	2.7 ** △	.10	2.7	.05	
		2	Sometimes	227	34	5,175	36	13,760	37	761	35								
		3	Often	298	43	5,541	37	14,195	36	867	38								
		4	Very often	134	18	2,784	18	7,927	19	472	20								
			Total	690	100	14,565	100	38,642	100	2,259	100								
f. Explained course material to one or more students	CLexplain	1	Never	12	2	655	5	1,565	5	111	5	2.8	2.7 ** △	.11	2.8 * △	.07	2.7 ** △	.12	
		2	Sometimes	234	34	5,130	36	13,257	35	795	36								
		3	Often	305	44	6,019	40	15,816	40	918	40								
		4	Very often	138	20	2,730	19	7,899	20	433	19								
			Total	689	100	14,534	100	38,537	100	2,257	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 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	64	10	1,902	14	4,873	14	287	13	2.7	2.6 ***	.17	2.6 ***	.15	2.6 ***	.13	
		2	Sometimes	212	31	5,004	35	13,060	34	761	34								
		3	Often	261	38	4,730	32	12,393	32	750	33								
		4	Very often	148	21	2,825	19	7,975	20	453	19								
		Total		685	100	14,461	100	38,301	100	2,251	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	24	4	957	7	2,256	7	127	6	2.8	2.6 ***	.13	2.7 *	.08	2.7 **	.11	
		2	Sometimes	234	34	5,429	38	14,067	37	823	38								
		3	Often	305	45	5,442	37	14,436	38	884	39								
		4	Very often	120	17	2,576	17	7,357	19	405	17								
		Total		683	100	14,404	100	38,116	100	2,239	100								
i. Given a course presentation	present	1	Never	152	22	2,965	21	6,426	17	430	19	2.1	2.2 ***	-.12	2.3 ***	-.22	2.2 ***	-.13	
		2	Sometimes	336	50	6,400	44	17,312	45	1,032	46								
		3	Often	155	22	3,666	26	10,016	26	573	26								
		4	Very often	41	6	1,360	9	4,298	12	202	9								
		Total		684	100	14,391	100	38,052	100	2,237	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	41	6	1,070	8	2,812	8	150	7	2.5	2.6 *	-.07	2.6 **	-.09	2.6	-.07	
		2	Sometimes	306	45	5,839	41	14,831	40	913	42								
		3	Often	269	40	5,398	38	14,210	37	854	38								
		4	Very often	61	9	1,943	14	5,666	15	301	13								
		Total		677	100	14,250	100	37,519	100	2,218	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	60	9	1,349	11	3,459	10	217	11	2.4	2.5 ***	-.17	2.6 ***	-.23	2.5 ***	-.14	
		2	Sometimes	345	52	5,868	41	14,364	39	907	42								
		3	Often	218	32	4,990	35	13,440	35	775	34								
		4	Very often	47	7	1,956	14	6,002	16	306	13								
		Total		670	100	14,163	100	37,265	100	2,205	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	95	15	1,532	12	3,872	12	221	12	2.3	2.5 ***	-.23	2.6 ***	-.29	2.5 ***	-.25	
		2	Sometimes	310	47	5,670	40	13,852	38	861	40								
		3	Often	217	31	4,822	33	12,816	34	772	35								
		4	Very often	47	7	2,054	14	6,420	17	329	14								
		Total		669	100	14,078	100	36,960	100	2,183	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.

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				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	34	5	686	5	1,658	5	94	5	2.6	2.7 **	-0.12	2.8 ***	-0.17	2.7 **	-0.12
		2	Sometimes	250	38	4,744	34	11,647	31	750	35							
		3	Often	308	46	6,310	45	16,755	45	974	44							
		4	Very often	76	11	2,260	16	6,579	18	357	17							
		Total		668	100	14,000	100	36,639	100	2,175	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	29	4	355	3	903	3	52	3	2.7	2.9 ***	-0.17	2.9 ***	-0.23	2.9 ***	-0.15
		2	Sometimes	216	33	3,950	29	9,490	26	641	30							
		3	Often	310	46	6,521	47	16,998	46	1,000	47							
		4	Very often	111	16	3,028	22	8,790	24	454	21							
		Total		666	100	13,854	100	36,181	100	2,147	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	17	3	385	3	1,043	3	62	3	2.7	2.8 **	-0.10	2.8 ***	-0.16	2.8	-0.08
		2	Sometimes	241	37	4,406	33	10,553	31	683	33							
		3	Often	310	46	6,364	46	16,223	44	998	46							
		4	Very often	94	14	2,578	18	7,921	21	374	18							
		Total		662	100	13,733	100	35,740	100	2,117	100							
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	5	1	175	1	453	2	29	2	2.9	3.0 ***	-0.13	3.0 ***	-0.18	2.9	-0.08
		2	Sometimes	162	26	2,982	23	7,313	22	489	25							
		3	Often	377	57	7,062	51	17,640	49	1,081	51							
		4	Very often	112	17	3,387	25	9,974	28	492	23							
		Total		656	100	13,606	100	35,380	100	2,091	100							
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	82	13	2,041	15	7,041	20	292	15	2.4	2.4	.01	2.3 **	.10	2.4	.03
		2	Sometimes	302	46	5,955	44	15,193	42	913	45							
		3	Often	204	30	3,804	28	8,478	24	621	28							
		4	Very often	72	11	1,822	13	4,682	13	273	12							
		Total		660	100	13,622	100	35,394	100	2,099	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	284	42	5,929	43	17,130	48	877	43	1.8	1.9	-0.05	1.8	.02	1.8	-0.04
		2	Sometimes	249	39	4,604	34	10,997	31	720	35							
		3	Often	97	14	2,174	16	4,779	14	369	17							
		4	Very often	29	4	873	7	2,275	7	124	6							
		Total		659	100	13,580	100	35,181	100	2,090	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.

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University of North Dakota

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	195	29	4,100	30	11,175	32	581	28	2.0	2.0	-.03	2.0	-.03	2.0	-.06	
		2	Sometimes	308	48	6,056	45	14,970	42	959	46								
		3	Often	119	18	2,527	19	6,275	18	417	21								
		4	Very often	30	5	825	6	2,460	7	112	5								
		Total		652	100	13,508	100	34,880	100	2,069	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	155	24	3,285	24	9,047	25	438	21	2.1	2.1	-.06	2.1	-.06	2.2 *	-0.10	
		2	Sometimes	334	51	6,322	47	15,867	45	1,003	49								
		3	Often	132	20	2,926	22	7,078	21	472	23								
		4	Very often	35	5	955	7	2,810	9	146	7								
		Total		656	100	13,488	100	34,802	100	2,059	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	9	1	360	3	1,207	4	60	4	3.0	2.9	.05	2.9	.03	2.9 *	.10	
		2	Some	157	25	3,343	26	8,520	25	542	27								
		3	Quite a bit	327	50	6,387	47	15,619	45	986	47								
		4	Very much	161	24	3,347	24	9,271	26	470	22								
		Total		654	100	13,437	100	34,617	100	2,058	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	10	2	431	3	1,246	4	72	4	2.9	2.9	.04	2.9	.00	2.9	.06	
		2	Some	171	27	3,620	28	8,596	26	516	26								
		3	Quite a bit	337	51	6,420	47	16,076	46	1,026	50								
		4	Very much	136	20	2,919	21	8,522	24	439	20								
		Total		654	100	13,390	100	34,440	100	2,053	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	20	3	498	4	1,220	4	84	5	2.8	2.8	-.01	2.9 **	-.11	2.8	-.03	
		2	Some	198	31	3,968	30	9,024	27	565	28								
		3	Quite a bit	312	47	6,088	45	15,358	45	956	47								
		4	Very much	121	18	2,754	20	8,544	25	430	21								
		Total		651	100	13,308	100	34,146	100	2,035	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	30	5	558	4	1,424	4	89	5	2.8	2.8	-.03	2.9 **	-.13	2.8	-.01	
		2	Some	189	30	4,010	31	9,178	27	600	30								
		3	Quite a bit	319	49	6,182	46	15,409	45	968	48								
		4	Very much	106	16	2,514	18	7,938	23	369	18								
		Total		644	100	13,264	100	33,949	100	2,026	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.

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First-Year Students

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Statistical Comparisons^b

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	21	3	550	4	1,337	4	72	4	2.8	2.8	-0.05	2.9 **	-0.12	2.8	-0.04	
		2	Some	203	32	3,995	31	9,377	28	621	31								
		3	Quite a bit	323	49	6,097	46	15,421	45	943	47								
		4	Very much	99	15	2,582	19	7,673	22	375	18								
		Total		646	100	13,224	100	33,808	100	2,011	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	12	2	250	2	776	3	46	3	3.0	3.0 *	-0.08	3.0 *	-0.09	3.0	.00	
		2	Some	167	27	2,829	22	7,192	22	446	23								
		3	Quite a bit	298	46	6,432	48	15,760	46	1,002	50								
		4	Very much	167	26	3,645	28	9,831	29	502	24								
		Total		644	100	13,156	100	33,559	100	1,996	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	23	3	434	4	1,225	4	76	4	2.9	3.0 *	-0.10	3.0 **	-0.10	2.9	-0.04	
		2	Some	178	27	3,004	23	7,554	23	445	23								
		3	Quite a bit	310	49	6,330	48	15,598	46	1,007	50								
		4	Very much	134	21	3,363	26	9,117	27	458	23								
		Total		645	100	13,131	100	33,494	100	1,986	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	31	5	428	4	1,128	4	68	4	2.9	3.0 **	-0.11	3.0 **	-0.12	2.9	-0.06	
		2	Some	167	26	3,065	24	7,682	23	464	25								
		3	Quite a bit	297	47	5,981	45	14,660	44	945	47								
		4	Very much	146	23	3,631	27	9,937	29	505	25								
		Total		641	100	13,105	100	33,407	100	1,982	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	57	9	1,114	9	2,725	8	173	9	2.7	2.7	-0.06	2.8 **	-0.12	2.7	-0.05	
		2	Some	213	34	4,216	32	10,236	30	616	31								
		3	Quite a bit	255	39	4,984	38	12,559	38	781	40								
		4	Very much	117	18	2,774	22	7,836	24	408	20								
		Total		642	100	13,088	100	33,356	100	1,978	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	87	13	1,248	9	3,377	10	193	10	2.5	2.6 ***	-0.19	2.6 ***	-0.20	2.6 ***	-0.15	
		2	Some	248	39	4,652	35	11,593	34	694	35								
		3	Quite a bit	233	37	4,953	38	12,216	37	794	40								
		4	Very much	71	11	2,204	17	6,056	19	289	14								
		Total		639	100	13,057	100	33,242	100	1,970	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 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UND				Plains Public				Carnegie Class				One UND			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e
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	49	7	1,391	10	3,558	11	180	9	2.6	2.5	.04	2.6	-.01	2.6	.00	
		2	Sometimes	255	40	5,174	40	12,271	37	754	38								
		3	Often	258	41	4,703	37	12,084	37	766	39								
		4	Very often	71	12	1,687	13	4,948	16	257	14								
		Total		633	100	12,955	100	32,861	100	1,957	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	124	19	2,592	20	6,817	21	370	18	2.3	2.3	-.01	2.3	-.04	2.3	-.02	
		2	Sometimes	274	43	5,491	43	13,233	40	848	44								
		3	Often	189	31	3,586	28	9,147	28	555	29								
		4	Very often	47	8	1,204	10	3,507	11	175	9								
		Total		634	100	12,873	100	32,704	100	1,948	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	99	15	2,395	18	5,995	18	325	17	2.3	2.3	.03	2.3	-.01	2.3	.00	
		2	Sometimes	296	47	5,739	45	13,802	42	880	45								
		3	Often	196	31	3,658	29	9,602	30	575	30								
		4	Very often	42	7	1,074	9	3,135	10	160	8								
		Total		633	100	12,866	100	32,534	100	1,940	100								
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.)																			
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	29	4	899	7	1,802	6	96	5	6.7	6.1 **	.12	6.6	.03	6.5	.03	
		1.5	1-2	104	17	2,950	23	6,100	19	398	20								
		4	3-5	222	35	4,089	32	10,609	33	611	32								
		8	6-10	158	25	2,758	22	7,704	23	452	24								
		13	11-15	67	11	1,189	9	3,327	10	211	10								
		18	16-20	30	5	479	4	1,452	4	93	5								
		23	More than 20	22	4	468	4	1,551	4	79	4								
		Total		632	100	12,832	100	32,545	100	1,940	100								
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	155	25	5,097	40	10,787	34	585	30	2.9	2.0 ***	.32	2.3 ***	.19	2.4 ***	.18	
		1.5	1-2	224	35	4,927	38	12,628	38	783	41								
		4	3-5	167	26	1,811	15	5,987	18	375	19								
		8	6-10	67	10	646	5	2,116	7	134	7								
		13	11-15	13	2	215	2	623	2	34	2								
		18	16-20	1	0	55	0	141	0	15	1								
		23	More than 20	5	1	44	0	169	1	3	0								
		Total		632	100	12,795	100	32,451	100	1,929	100								

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NSSE 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

Frequency Distributions^a

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Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. 11 pages or more	wrlongnum	0	None	449	71	10,280	80	24,506	75	1,436	74	.8	.8	.01	.9	-.04	.9	-.02	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	147	23	1,706	14	5,550	17	352	18								
		4	3-5	20	3	357	3	1,213	4	78	4								
		8	6-10	5	1	211	2	573	2	35	2								
		13	11-15	6	1	163	1	402	1	19	1								
		18	16-20	0	0	35	0	82	0	6	0								
		23	More than 20	3	1	50	0	139	0	6	0								
		Total			630	100	12,802	100	32,465	100	1,932	100							
Estimated number of assigned pages of student writing.	wpages											56.0	45.2 ***	.17	51.7	.06	51.1	.08	
													△						
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	44	7	623	5	1,488	5	91	5	2.7	2.9 ***	-.28	3.0 ***	-.39	2.8 ***	-.19	
		2	Sometimes	263	42	3,751	30	8,477	26	643	34								
		3	Often	190	31	4,337	34	10,314	32	639	32								
		4	Very often	133	21	4,079	31	12,119	37	556	28								
			Total	630	100	12,790	100	32,398	100	1,929	100								
b. People from an economic background other than your own	DDeconomic	1	Never	32	5	514	4	1,303	4	86	5	2.8	2.9 ***	-.16	3.0 ***	-.23	2.9 *	-.10	
		2	Sometimes	206	33	3,316	27	7,851	24	507	27								
		3	Often	242	39	5,013	39	11,919	37	790	40								
		4	Very often	148	24	3,928	30	11,274	35	544	28								
			Total	628	100	12,771	100	32,347	100	1,927	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	50	8	640	5	2,509	7	95	6	2.7	2.9 ***	-.24	2.9 ***	-.22	2.9 ***	-.24	
		2	Sometimes	222	36	3,454	28	8,918	27	497	25								
		3	Often	208	33	4,606	36	10,354	33	756	39								
		4	Very often	150	23	4,069	31	10,542	33	576	29								
			Total	630	100	12,769	100	32,323	100	1,924	100								
d. People with political views other than your own	DDpolitical	1	Never	32	5	623	5	2,014	7	84	5	2.9	2.9 *	-.08	2.9	-.04	2.9	-.07	
		2	Sometimes	182	30	3,462	27	9,429	29	532	28								
		3	Often	245	39	4,652	36	10,682	33	721	38								
		4	Very often	169	26	4,032	31	10,207	32	585	30								
			Total	628	100	12,769	100	32,332	100	1,922	100								

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NSSE 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

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Item wording or description	Variable name ^c	Values ^d	Response options	UND				Plains Public				Carnegie Class				One UND			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	14	2	269	2	618	2	38	2	2.8	2.9 ***	-0.16	3.0 ***	-0.25	2.9 ***	-0.15	
		2	Sometimes	200	33	3,245	27	7,585	24	518	28								
		3	Often	315	50	6,258	49	15,286	47	924	49								
		4	Very often	100	15	2,936	22	8,626	26	429	21								
		Total		629	100	12,708	100	32,115	100	1,909	100								
b. Reviewed your notes after class	LSnotes	1	Never	36	6	680	6	1,546	5	96	6	2.8	2.8	-0.04	2.9 *	-0.10	2.7	0.05	
		2	Sometimes	200	33	3,994	32	9,928	31	671	37								
		3	Often	242	38	4,666	37	11,366	35	716	36								
		4	Very often	150	23	3,362	25	9,231	28	428	21								
		Total		628	100	12,702	100	32,071	100	1,911	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	47	8	807	7	2,017	7	125	7	2.7	2.7	-0.07	2.8 ***	-0.11	2.7	0.00	
		2	Sometimes	214	34	4,207	34	10,304	32	678	36								
		3	Often	254	41	5,052	40	12,280	38	745	39								
		4	Very often	111	17	2,626	20	7,442	23	359	18								
		Total		626	100	12,692	100	32,043	100	1,907	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	6	1	82	1	278	1	11	1	5.3	5.3	-0.01	5.4	-0.04	5.3	-0.01	
		2		7	1	114	1	346	1	17	1								
		3		32	5	558	5	1,371	5	83	4								
		4		57	9	1,587	13	3,735	12	227	13								
		5		242	39	4,636	36	10,773	34	691	37								
		6		170	27	3,260	25	8,308	25	525	27								
		7	Very much	111	17	2,408	19	7,088	22	350	18								
		Total		625	100	12,645	100	31,899	100	1,904	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		88	15	1,529	13	3,519	12	249	15	5%	7% *	-0.10	8% *	-0.11	8% *	-0.11	
		Do not plan to do		47	8	671	6	1,432	5	103	6								
		Plan to do		456	72	9,504	74	24,501	75	1,397	71								
		Done or in progress		31	5	918	7	2,414	8	150	8								
		Total		622	100	12,622	100	31,866	100	1,899	100								

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University of North Dakota

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Item wording or description	Variable name ^c	Values ^d	Response options	UND				Plains Public				Carnegie Class				One UND			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	190	30	3,284	26	8,502	27	477	25	9%	12% *	-0.09	11%	-0.05	14% **	-0.13	
			Do not plan to do	141	23	2,803	24	7,056	23	401	24								
			Plan to do	226	37	4,943	38	12,736	39	763	37								
			Done or in progress	57	9	1,575	12	3,488	11	251	14								
			Total	614	100	12,605	100	31,782	100	1,892	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	179	29	3,867	31	10,018	31	493	28	11%	13% *	-0.09	15% **	-0.12	18% ***	-0.20	
			Do not plan to do	215	35	3,945	32	8,513	27	630	33								
			Plan to do	160	26	3,102	24	8,516	27	402	22								
			Done or in progress	65	11	1,664	13	4,616	15	354	18								
			Total	619	100	12,578	100	31,663	100	1,879	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	208	33	3,738	30	8,504	27	582	31	2%	3%	-0.06	3%	-0.07	3% *	-0.11	
			Do not plan to do	248	42	3,550	31	8,058	28	475	28								
			Plan to do	155	24	4,962	36	14,202	42	757	38								
			Done or in progress	11	2	328	3	916	3	70	3								
			Total	622	100	12,578	100	31,680	100	1,884	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	227	37	4,844	39	11,607	37	691	37	3%	5% *	-0.10	5% *	-0.10	4% *	-0.10	
			Do not plan to do	231	37	3,374	27	7,263	24	486	25								
			Plan to do	147	24	3,803	30	11,413	35	621	34								
			Done or in progress	17	3	557	5	1,408	5	84	4								
			Total	622	100	12,578	100	31,691	100	1,882	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	154	24	4,428	36	10,180	32	597	32	1%	2% *	-0.11	2% *	-0.13	1%	-0.07	
			Do not plan to do	62	10	1,566	13	3,260	11	245	13								
			Plan to do	397	65	6,370	49	17,635	55	1,021	54								
			Done or in progress	3	1	197	2	558	2	22	1								
			Total	616	100	12,561	100	31,633	100	1,885	100								

12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	1	2	3	4	Total	UND	Plains Public	Carnegie Class	One UND
None	299	48	5,777	46	15,330	48	861	46	1.6
Some	275	44	5,671	45	13,594	43	881	47	
Most	36	6	921	7	2,168	7	123	7	
All	9	2	164	1	452	2	17	1	
Total	619	100	12,533	100	31,544	100	1,882	100	

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University of North Dakota

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	Q1student	1	Poor	5	1	149	1	451	2	26	1	5.5	5.4	.04	5.4 *	.08	5.4	.07	
		2		9	2	228	2	662	2	28	2								
		3		20	3	571	5	1,628	5	78	4								
		4		69	11	1,547	12	4,085	13	238	13								
		5		188	30	3,576	28	8,894	28	572	30								
		6		203	33	3,367	26	8,146	25	521	28								
		7	Excellent	120	20	3,006	24	7,477	24	408	22								
		—	Not applicable	3	0	80	1	185	1	9	0								
			Total	617	100	12,524	100	31,528	100	1,880	100								
b. Academic advisors	Q1advisor	1	Poor	12	2	308	3	1,012	3	33	2	5.3	5.3	.00	5.2	.07	5.4	-.07	
		2		20	3	538	4	1,351	4	56	3								
		3		39	6	883	7	2,427	8	129	7								
		4		96	16	1,619	12	4,324	13	238	12								
		5		120	19	2,640	21	6,326	20	391	21								
		6		160	26	2,755	22	6,554	21	447	24								
		7	Excellent	162	26	3,646	30	8,600	28	568	31								
		—	Not applicable	7	1	124	1	896	2	17	1								
			Total	616	100	12,513	100	31,490	100	1,879	100								
c. Faculty	Q1faculty	1	Poor	8	1	167	2	516	2	16	1	5.1	5.3 **	-.11	5.2	-.07	5.3 *	-.10	
		2		13	2	303	3	832	3	42	3								
		3		39	6	721	6	1,970	6	102	6								
		4		105	17	1,773	14	4,489	14	290	16								
		5		187	30	3,514	27	8,516	27	543	28								
		6		179	29	3,472	28	8,607	27	521	27								
		7	Excellent	80	13	2,446	20	6,251	20	349	19								
		—	Not applicable	3	1	100	1	294	1	13	1								
			Total	614	100	12,496	100	31,475	100	1,876	100								

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	12	2	330	3	1,096	4	39	2	5.1	5.2	-.03	5.0	.04	5.2	-.06	
		2		18	3	450	3	1,248	4	60	4								
		3		46	8	805	6	2,316	7	129	7								
		4		101	17	1,764	14	4,547	14	251	13								
		5		160	26	2,879	23	6,933	22	450	24								
		6		146	24	2,864	22	6,609	21	453	23								
		7	Excellent	113	18	2,497	20	5,971	19	370	20								
		—	Not applicable	21	3	900	8	2,745	9	122	7								
	Total			617	100	12,489	100	31,465	100	1,874	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	14	2	313	3	1,287	4	46	3	5.1	5.1	-.04	5.0	.06	5.0	.03	
		2		16	3	496	4	1,419	5	79	4								
		3		45	7	859	7	2,429	8	123	7								
		4		107	18	1,842	14	4,771	15	325	18								
		5		153	25	2,902	23	6,919	22	411	21								
		6		150	24	2,747	22	6,421	20	400	21								
		7	Excellent	98	15	2,467	20	5,720	19	316	17								
		—	Not applicable	35	6	864	7	2,495	8	178	9								
	Total			618	100	12,490	100	31,461	100	1,878	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	6	1	168	2	534	2	27	2	3.0	3.0 *	-.10	3.1 ***	-.17	3.0 *	-.10	
		2	Some	149	26	2,506	21	5,542	19	343	19								
		3	Quite a bit	313	51	6,380	51	14,964	48	997	53								
		4	Very much	149	23	3,414	27	10,303	31	502	26								
			Total			617	100	12,468	100	31,343	100								1,869
b. Providing support to help students succeed academically	SEacademic	1	Very little	26	4	378	3	1,058	4	59	4	2.8	3.0 ***	-.21	3.0 ***	-.23	3.0 ***	-.16	
		2	Some	166	28	2,638	22	6,560	22	410	23								
		3	Quite a bit	298	49	5,746	46	13,728	43	855	45								
		4	Very much	123	19	3,663	29	9,900	31	531	28								
			Total			613	100	12,425	100	31,246	100								1,855
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	55	9	652	5	1,508	5	88	5	2.7	3.0 ***	-.34	3.1 ***	-.43	3.0 ***	-.32	
		2	Some	179	29	2,368	20	5,501	18	389	21								
		3	Quite a bit	253	41	5,179	42	12,177	39	794	43								
		4	Very much	129	21	4,223	33	12,063	38	587	31								
			Total			616	100	12,422	100	31,249	100								1,858

*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 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	110	18	1,227	10	3,679	12	154	9	2.3	2.7 ***	-0.41	2.7 ***	-0.39	2.7 ***	-0.40	
		2	Some	258	42	3,640	30	9,331	29	599	33								
		3	Quite a bit	179	29	4,708	38	10,830	35	688	37								
		4	Very much	69	11	2,830	22	7,360	24	413	21								
		Total		616	100	12,405	100	31,200	100	1,854	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	29	5	548	5	1,693	6	78	5	2.8	2.9 ***	-0.15	2.9 ***	-0.15	2.9 *	-0.10	
		2	Some	163	27	2,798	23	7,167	23	456	26								
		3	Quite a bit	304	49	5,493	44	12,795	41	805	42								
		4	Very much	118	19	3,564	28	9,484	30	519	26								
		Total		614	100	12,403	100	31,139	100	1,858	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	39	6	651	6	2,170	7	96	5	2.8	2.9 *	-0.09	2.9	-0.07	3.0 **	-0.14	
		2	Some	148	24	2,873	24	7,385	24	413	23								
		3	Quite a bit	295	49	5,250	42	12,476	40	760	41								
		4	Very much	133	21	3,606	28	9,046	29	579	30								
		Total		615	100	12,380	100	31,077	100	1,848	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	144	22	2,683	22	7,326	24	384	21	2.2	2.3	-0.06	2.3	-0.05	2.3	-0.06	
		2	Some	241	40	4,713	38	11,575	37	722	39								
		3	Quite a bit	176	30	3,510	28	8,166	27	517	27								
		4	Very much	53	9	1,470	12	3,984	13	229	12								
		Total		614	100	12,376	100	31,051	100	1,852	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	35	5	837	7	2,486	9	103	7	2.8	2.8	.01	2.8	.01	2.9	-0.05	
		2	Some	166	28	3,351	27	8,311	27	457	25								
		3	Quite a bit	284	46	5,159	41	12,192	39	803	44								
		4	Very much	130	21	3,016	24	8,043	25	480	25								
		Total		615	100	12,363	100	31,032	100	1,843	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	123	20	1,767	15	4,800	16	230	13	2.3	2.5 ***	-0.23	2.5 ***	-0.24	2.5 ***	-0.29	
		2	Some	267	43	4,687	38	11,396	37	697	38								
		3	Quite a bit	173	29	4,137	33	9,823	31	622	33								
		4	Very much	50	8	1,776	14	4,991	16	299	16								
		Total		613	100	12,367	100	31,010	100	1,848	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 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UND				Plains Public				Carnegie Class				One UND				UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
15. About how many hours do you spend in a typical 7-day week doing the following?																											
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	43	0	115	0	2	0	14.3	14.0	.05	14.7	-.05	14.8	-.06									
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	61	10	1,501	13	3,297	12	193	11																
		8	6-10 hrs	155	26	3,010	25	6,527	22	404	23																
		13	11-15 hrs	139	23	2,948	23	7,030	23	432	23																
		18	16-20 hrs	126	20	2,437	20	6,383	20	398	21																
		23	21-25 hrs	81	13	1,263	10	3,808	12	218	11																
		28	26-30 hrs	22	3	591	5	1,891	6	93	5																
		33	More than 30 hrs	28	5	530	4	1,817	6	100	6																
	Total			612	100	12,323	100	30,868	100	1,840	100																
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	150	24	3,224	28	9,739	33	438	26	5.6	6.0	-.06	5.4	.03	6.2	-.08									
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	270	44	4,402	35	10,705	33	678	36																
		8	6-10 hrs	98	16	2,269	18	4,993	16	333	17																
		13	11-15 hrs	47	8	1,211	10	2,682	9	189	10																
		18	16-20 hrs	22	4	595	5	1,455	5	104	6																
		23	21-25 hrs	12	2	314	3	664	2	42	2																
		28	26-30 hrs	4	1	112	1	259	1	20	1																
		33	More than 30 hrs	12	2	175	2	325	1	29	2																
	Total			615	100	12,302	100	30,822	100	1,833	100																
c. Working for pay on campus	tmworkonhrs	0	0 hrs	469	76	9,485	78	24,013	80	1,413	76	2.8	2.7	.02	2.5	.05	3.0	-.03									
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	19	3	465	4	1,039	3	61	3																
		8	6-10 hrs	48	8	884	7	2,144	6	131	7																
		13	11-15 hrs	49	8	751	6	1,711	5	106	6																
		18	16-20 hrs	19	3	464	4	1,282	4	73	4																
		23	21-25 hrs	9	2	166	1	412	1	36	2																
		28	26-30 hrs	1	0	37	0	107	0	11	1																
		33	More than 30 hrs	1	0	46	0	139	1	8	0																
	Total			615	100	12,298	100	30,847	100	1,839	100																

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NSSE 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UND				Plains Public				Carnegie Class				One UND			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs (Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	418	68	7,899	63	21,452	68	1,200	67	4.6	6.2 *** ▽	-0.16	5.2	-0.06	5.0	-0.04	
		3	1-5 hrs	30	5	629	5	1,409	4	107	5								
		8	6-10 hrs	38	6	743	6	1,608	5	130	7								
		13	11-15 hrs	47	8	854	7	1,719	6	123	7								
		18	16-20 hrs	39	6	850	7	1,828	6	123	7								
		23	21-25 hrs	21	3	613	5	1,260	4	66	3								
		28	26-30 hrs	13	2	331	3	664	2	31	2								
		33	More than 30 hrs	9	2	406	4	900	4	58	3								
Total				615	100	12,325	100	30,840	100	1,838	100								
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)										7.4	8.9 *** ▽	-0.13	7.7	-0.03	8.0	-0.05		
e. Doing community service or volunteer work	tmservicehrs (Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	359	59	6,839	57	17,602	58	962	54	2.2	2.4	-0.05	2.5	-0.07	2.4	-0.05	
		3	1-5 hrs	198	31	4,107	32	9,637	29	682	35								
		8	6-10 hrs	27	4	684	5	1,845	6	100	5								
		13	11-15 hrs	18	3	323	3	856	3	41	2								
		18	16-20 hrs	8	1	170	1	452	2	22	1								
		23	21-25 hrs	5	1	108	1	244	1	19	1								
		28	26-30 hrs	0	0	33	0	75	0	3	0								
		33	More than 30 hrs	1	0	45	0	126	1	6	0								
Total				616	100	12,309	100	30,837	100	1,835	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs (Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	6	1	152	2	438	2	16	1	14.7	13.3 *** △	.16	12.8 *** △	.22	13.0 *** △	.19	
		3	1-5 hrs	70	10	2,146	17	5,963	19	318	17								
		8	6-10 hrs	167	27	3,260	26	8,580	27	515	27								
		13	11-15 hrs	141	23	2,762	22	6,617	21	433	23								
		18	16-20 hrs	107	18	1,889	15	4,348	14	270	15								
		23	21-25 hrs	48	8	881	7	2,043	7	124	7								
		28	26-30 hrs	22	4	400	3	868	3	51	3								
		33	More than 30 hrs	55	9	828	7	1,961	7	106	7								
Total				616	100	12,318	100	30,818	100	1,833	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 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	537	88	10,019	80	24,676	79	1,490	82	1.2	2.2 *** ▽	-0.16	2.2 *** ▽	-0.16	1.9 *** ▽	-0.13
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	37	6	1,055	9	2,889	9	157	8							
	8	6-10 hrs	10	2	376	3	1,192	4	59	3								
	13	11-15 hrs	9	1	300	3	789	3	45	2								
	18	16-20 hrs	8	1	184	2	474	2	33	2								
	23	21-25 hrs	5	1	99	1	262	1	19	1								
	28	26-30 hrs	1	0	27	0	88	0	5	0								
	33	More than 30 hrs	3	0	243	2	405	2	27	1								
	Total			610	100	12,303	100	30,775	100	1,835	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	153	26	4,580	36	12,377	40	616	35	4.2	3.9	.06	4.2	.00	3.9	.04
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	357	58	5,387	44	11,629	37	856	46							
	8	6-10 hrs	52	8	1,280	11	3,753	13	197	11								
	13	11-15 hrs	18	3	532	4	1,511	5	74	4								
	18	16-20 hrs	14	2	223	2	662	2	35	2								
	23	21-25 hrs	4	1	141	1	324	1	29	2								
	28	26-30 hrs	3	0	53	0	164	1	7	0								
	33	More than 30 hrs	13	2	129	1	423	2	23	1								
	Total			614	100	12,325	100	30,843	100	1,837	100							
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	1	Very little	85	15	1,661	14	4,204	14	269	15	2.5	2.6 *	-0.10	2.6 ***	-0.13	2.5	-0.04	
	2	Some	258	42	4,496	37	10,866	36	725	41								
	3	About half	162	26	3,508	28	8,578	28	461	25								
	4	Most	88	14	2,031	16	5,193	16	289	15								
	5	Almost all	21	3	598	5	1,930	6	87	4								
		Total			614	100	12,294	100	30,771	100								1,831
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)										5.7	5.9	-0.03	6.3 **	-0.11	6.0	-0.06	

*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 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
	tmreadinghrscol	1	0 hrs	0	0	40	0	113	0	1	0							
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	348	59	6,778	57	15,588	53	1,019	58							
		3	More than 5, up to 10 hrs	182	29	3,449	27	8,958	28	500	27							
		4	More than 10, up to 15 hrs	35	5	1,078	8	3,149	10	156	8							
		5	More than 15, up to 20 hrs	23	3	526	4	1,519	5	82	4							
		6	More than 20, up to 25 hrs	18	3	263	2	917	3	47	3							
		7	More than 25 hrs	4	1	103	1	377	1	18	1							
		Total			610	100	12,237	100	30,621	100	1,823	100						
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	58	10	1,031	8	2,322	8	146	9	2.6	2.7 *	-.09	2.8 ***	-.18	2.7	-.07
		2	Some	204	34	4,029	33	9,028	29	609	33							
		3	Quite a bit	262	43	5,102	42	12,968	42	755	41							
		4	Very much	85	14	2,089	17	6,273	21	311	17							
		Total		609	100	12,251	100	30,591	100	1,821	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	87	15	1,312	11	3,617	12	218	13	2.5	2.6 ***	-.17	2.6 ***	-.17	2.5	-.07
		2	Some	218	36	4,096	34	10,119	32	641	35							
		3	Quite a bit	230	37	4,808	39	11,391	37	707	39							
		4	Very much	75	12	2,039	17	5,491	18	254	14							
		Total		610	100	12,255	100	30,618	100	1,820	100							
c. Thinking critically and analytically	pgthink	1	Very little	27	4	353	3	1,024	4	49	3	2.9	3.0 **	-.12	3.0 ***	-.15	3.0	-.08
		2	Some	153	26	2,575	21	6,161	20	393	22							
		3	Quite a bit	272	43	5,808	47	13,738	44	876	47							
		4	Very much	160	26	3,522	28	9,715	31	506	27							
		Total		612	100	12,258	100	30,638	100	1,824	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	61	9	1,549	12	3,955	13	202	11	2.7	2.6	.04	2.6	.02	2.6	.02
		2	Some	208	34	3,983	32	9,611	32	596	33							
		3	Quite a bit	234	38	4,461	37	10,787	35	698	38							
		4	Very much	109	19	2,253	19	6,281	21	329	18							
		Total		612	100	12,246	100	30,634	100	1,825	100							

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NSSE 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

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Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	72	11	1,502	13	4,323	15	221	14	2.6	2.6	-.01	2.6	.02	2.6	.02
		2	Some	221	36	4,088	33	9,975	33	585	33							
		3	Quite a bit	215	35	4,454	36	10,498	34	700	37							
		4	Very much	105	18	2,212	18	5,836	19	320	17							
		Total		613	100	12,256	100	30,632	100	1,826	100							
f. Working effectively with others	pgothers	1	Very little	30	5	695	6	2,075	7	103	7	2.8	2.8	-.06	2.8	-.05	2.8	-.01
		2	Some	197	33	3,488	29	8,624	28	528	30							
		3	Quite a bit	268	43	5,262	42	12,581	41	787	42							
		4	Very much	117	19	2,790	23	7,338	24	405	21							
		Total		612	100	12,235	100	30,618	100	1,823	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	92	15	1,372	12	3,594	13	217	14	2.5	2.6 ***	-.20	2.7 ***	-.21	2.6 **	-.12
		2	Some	223	36	3,799	31	8,954	30	574	32							
		3	Quite a bit	217	35	4,736	38	11,373	37	700	37							
		4	Very much	80	13	2,342	19	6,696	21	333	17							
		Total		612	100	12,249	100	30,617	100	1,824	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	96	16	1,068	9	3,253	11	163	10	2.4	2.7 ***	-.35	2.7 ***	-.33	2.7 ***	-.27
		2	Some	227	37	3,607	30	8,949	29	589	33							
		3	Quite a bit	215	35	4,763	38	11,092	36	688	37							
		4	Very much	73	12	2,799	22	7,307	24	381	20							
		Total		611	100	12,237	100	30,601	100	1,821	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	79	13	1,267	11	3,542	12	209	13	2.5	2.6 ***	-.16	2.6 ***	-.16	2.5	-.07
		2	Some	245	40	4,208	34	10,287	34	644	36							
		3	Quite a bit	209	34	4,623	37	10,869	35	672	36							
		4	Very much	80	13	2,147	18	5,901	19	296	15							
		Total		613	100	12,245	100	30,599	100	1,821	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	93	16	1,413	12	4,040	14	227	13	2.4	2.6 ***	-.23	2.6 ***	-.23	2.6 ***	-.19
		2	Some	248	41	4,125	34	9,970	32	626	35							
		3	Quite a bit	205	33	4,444	36	10,509	34	664	36							
		4	Very much	65	11	2,276	18	6,114	20	306	17							
		Total		611	100	12,258	100	30,633	100	1,823	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 2019 Frequencies and Statistical Comparisons

University of North Dakota

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	16	3	203	2	612	2	32	2	3.0	3.2 ***	-0.25	3.1 ***	-0.20	3.1 ***	-0.20	
		2	Fair	100	16	1,522	13	4,182	15	222	13								
		3	Good	376	61	6,443	52	15,305	50	995	54								
		4	Excellent	121	20	4,120	33	10,667	33	587	31								
			Total	613	100	12,288	100	30,766	100	1,836	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	16	3	359	3	1,097	4	61	4	3.2	3.2 *	-0.10	3.2	-0.02	3.2	-0.06	
		2	Probably no	77	12	1,378	11	3,999	13	198	11								
		3	Probably yes	316	52	5,412	44	13,179	44	827	45								
		4	Definitely yes	204	34	5,160	41	12,600	39	756	40								
			Total	613	100	12,309	100	30,875	100	1,842	100								
20. Do you intend to return to this institution next year?^f																			
	returnexp		No	23	4	522	4	1,344	5	72	4	90%	89%	.05	88%	.08	88%	.07	
			Yes	551	90	10,959	89	27,429	88	1,638	88								
			Not sure	38	6	830	7	2,193	8	137	8								
			Total	612	100	12,311	100	30,966	100	1,847	100								
			(Means indicate the percentage who responded "Yes.")																

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University of North Dakota

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
f. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	23	4	437	2	1,139	3	75	3	2.9	3.0 ***	-.18	3.1 ***	-.19	2.9	-.06	
		2	Sometimes	245	34	4,846	27	11,527	27	819	31								
		3	Often	234	31	6,058	34	13,182	32	891	33								
		4	Very often	238	31	6,520	37	15,879	38	886	32								
		Total		740	100	17,861	100	41,727	100	2,671	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	162	22	4,122	23	9,623	23	635	24	2.4	2.3 *	.10	2.4	.05	2.3 ***	.14	
		2	Sometimes	248	34	6,753	38	15,112	36	1,050	39								
		3	Often	199	27	4,388	25	10,085	25	624	24								
		4	Very often	129	17	2,548	14	6,742	17	355	13								
		Total		738	100	17,811	100	41,562	100	2,664	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	48	6	1,142	6	2,930	7	169	6	3.0	3.0	.00	3.0	.02	2.9 *	.08	
		2	Often	111	15	2,775	15	6,653	15	478	18								
		3	Sometimes	408	55	9,623	53	22,478	53	1,451	54								
		4	Never	173	24	4,292	25	9,497	24	566	21								
		Total		740	100	17,832	100	41,558	100	2,664	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	384	54	8,206	47	18,574	47	1,051	40	1.6	1.8 ***	-.18	1.8 ***	-.18	1.9 ***	-.30	
		2	Sometimes	262	35	6,356	35	15,137	36	1,046	39								
		3	Often	61	8	2,013	11	4,837	11	370	14								
		4	Very often	31	4	1,223	7	2,878	7	189	7								
		Total		738	100	17,798	100	41,426	100	2,656	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	116	18	1,960	12	4,927	13	295	12	2.4	2.5 *	-.08	2.5 *	-.07	2.5 *	-.11	
		2	Sometimes	261	36	7,158	41	16,544	41	1,076	41								
		3	Often	240	31	5,745	31	12,551	29	851	32								
		4	Very often	119	15	2,931	16	7,386	17	430	16								
		Total		736	100	17,794	100	41,408	100	2,652	100								
f. Explained course material to one or more students	CLexplain	1	Never	61	10	951	6	2,021	6	134	5	2.7	2.7 *	-.09	2.8 ***	-.15	2.8 **	-.12	
		2	Sometimes	240	33	5,887	34	13,414	33	901	34								
		3	Often	279	36	7,080	39	15,879	38	1,051	39								
		4	Very often	155	20	3,856	21	10,021	24	558	21								
		Total		735	100	17,774	100	41,335	100	2,644	100								

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Statistical Comparisons^b

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	149	23	2,884	18	6,643	18	424	16	2.4	2.5 *	-0.08	2.5 **	-0.11	2.5 *	-0.10	
		2	Sometimes	229	30	5,945	34	13,812	34	927	35								
		3	Often	223	29	5,366	29	12,032	28	791	30								
		4	Very often	131	17	3,510	19	8,670	20	495	19								
		Total		732	100	17,705	100	41,157	100	2,637	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	63	10	1,051	7	2,343	6	130	5	2.8	2.9	-0.01	2.9	-0.06	2.9	-0.06	
		2	Sometimes	175	25	4,865	29	11,151	28	743	28								
		3	Often	269	36	6,765	38	14,924	36	1,040	39								
		4	Very often	226	29	4,974	27	12,630	30	722	27								
		Total		733	100	17,655	100	41,048	100	2,635	100								
i. Given a course presentation	present	1	Never	92	15	1,851	11	4,041	11	248	10	2.6	2.7	-0.02	2.7 *	-0.08	2.7	-0.04	
		2	Sometimes	228	32	5,868	34	13,036	32	912	35								
		3	Often	222	30	5,868	33	13,416	32	905	34								
		4	Very often	190	24	4,077	22	10,512	25	568	21								
		Total		732	100	17,664	100	41,005	100	2,633	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	27	4	509	3	1,323	4	68	3	2.9	2.9	.01	2.9	-0.02	2.9	-0.01	
		2	Sometimes	181	27	4,604	27	10,766	27	694	27								
		3	Often	311	42	7,801	44	17,020	41	1,163	44								
		4	Very often	207	27	4,641	26	11,609	28	686	26								
		Total		726	100	17,555	100	40,718	100	2,611	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	65	11	1,171	7	3,038	8	179	7	2.6	2.7 ***	-0.17	2.8 ***	-0.20	2.7 ***	-0.14	
		2	Sometimes	276	39	5,848	34	13,019	32	933	36								
		3	Often	254	33	6,587	37	14,470	35	963	36								
		4	Very often	135	18	3,890	21	10,039	24	544	20								
		Total		730	100	17,496	100	40,566	100	2,619	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	137	22	2,115	13	5,454	15	338	14	2.3	2.6 ***	-0.27	2.6 ***	-0.26	2.5 ***	-0.21	
		2	Sometimes	285	40	6,222	36	14,108	35	1,005	39								
		3	Often	191	25	5,593	31	12,244	30	790	29								
		4	Very often	109	14	3,503	19	8,452	21	469	17								
		Total		722	100	17,433	100	40,258	100	2,602	100								

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				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public		Carnegie Class		One UND		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	50	8	769	5	2,006	5	130	5	2.7	2.8 ***	-0.14	2.8 ***	-0.17	2.8 **	-0.12	
		2	Sometimes	235	33	5,421	32	12,025	30	805	31								
		3	Often	311	43	7,659	44	17,256	43	1,164	45								
		4	Very often	124	16	3,494	20	8,717	22	494	19								
		Total		720	100	17,343	100	40,004	100	2,593	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	33	5	443	3	1,143	3	72	3	2.7	2.9 ***	-0.23	3.0 ***	-0.27	2.9 ***	-0.18	
		2	Sometimes	242	35	4,447	27	9,819	25	714	28								
		3	Often	287	39	7,932	46	17,795	44	1,194	46								
		4	Very often	153	20	4,377	25	10,832	27	597	23								
		Total		715	100	17,199	100	39,589	100	2,577	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	16	3	349	2	839	2	56	2	2.8	2.9 *	-0.08	2.9 **	-0.12	2.9	-0.05	
		2	Sometimes	218	31	4,705	28	10,416	27	732	29								
		3	Often	330	46	7,957	46	17,501	44	1,212	47								
		4	Very often	148	20	4,074	23	10,471	26	561	22								
		Total		712	100	17,085	100	39,227	100	2,561	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	6	1	132	1	346	1	16	1	3.1	3.2	-0.06	3.2 *	-0.09	3.1	-0.04	
		2	Sometimes	119	17	2,620	16	6,029	16	401	16								
		3	Often	356	50	8,405	49	18,234	47	1,287	51								
		4	Very often	226	31	5,823	34	14,329	36	839	32								
		Total		707	100	16,980	100	38,938	100	2,543	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	140	22	2,426	15	6,626	18	406	16	2.4	2.5 ***	-0.15	2.4 *	-0.08	2.4	-0.08	
		2	Sometimes	259	37	6,457	38	15,270	39	1,037	41								
		3	Often	182	24	4,628	27	9,724	24	649	25								
		4	Very often	127	17	3,486	20	7,320	18	449	17								
		Total		708	100	16,997	100	38,940	100	2,541	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	291	44	6,093	38	15,848	42	913	37	1.9	2.0 **	-0.10	2.0	-0.03	2.1 **	-0.13	
		2	Sometimes	219	29	5,534	32	11,866	30	807	32								
		3	Often	114	15	3,247	19	6,528	16	512	20								
		4	Very often	83	12	2,093	12	4,574	11	302	12								
		Total		707	100	16,967	100	38,816	100	2,534	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	186	28	3,921	24	9,675	26	561	22	2.1	2.2 *	-1.0	2.2 *	-0.07	2.2 *	-0.11	
		2	Sometimes	308	43	7,295	43	16,294	41	1,153	46								
		3	Often	137	19	3,775	22	8,311	21	562	22								
		4	Very often	71	10	1,882	11	4,290	11	249	10								
		Total		702	100	16,873	100	38,570	100	2,525	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	193	30	3,477	21	9,145	24	621	25	2.1	2.2 ***	-0.19	2.2 ***	-0.14	2.1 *	-0.08	
		2	Sometimes	307	42	7,603	45	17,054	44	1,141	45								
		3	Often	147	20	4,021	23	8,280	22	547	21								
		4	Very often	56	8	1,766	10	4,065	11	213	8								
		Total		703	100	16,867	100	38,544	100	2,522	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	52	8	1,202	7	2,926	8	191	8	2.7	2.7	-0.01	2.8	-0.02	2.7	.03	
		2	Some	212	31	5,199	32	11,828	31	838	33								
		3	Quite a bit	286	42	6,892	41	15,100	39	977	39								
		4	Very much	147	20	3,516	20	8,529	22	506	20								
		Total		697	100	16,809	100	38,383	100	2,512	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	17	2	425	3	1,103	3	65	3	3.0	3.0	.02	3.1	-0.03	3.0	.06	
		2	Some	155	23	3,468	21	7,475	20	546	22								
		3	Quite a bit	302	43	7,942	47	17,193	45	1,213	48								
		4	Very much	223	32	4,944	29	12,500	32	686	27								
		Total		697	100	16,779	100	38,271	100	2,510	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	31	5	536	3	1,418	4	84	4	2.9	3.0	-0.01	3.0 *	-0.08	2.9	.03	
		2	Some	165	24	4,054	25	8,407	22	644	26								
		3	Quite a bit	302	44	7,517	45	16,339	43	1,126	45								
		4	Very much	198	28	4,589	27	11,821	31	637	25								
		Total		696	100	16,696	100	37,985	100	2,491	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	46	8	879	6	2,324	6	157	7	2.8	2.8 *	-0.09	2.9 ***	-0.13	2.8	-0.01	
		2	Some	193	29	4,528	28	9,703	25	721	30								
		3	Quite a bit	305	43	7,311	44	15,777	41	1,072	43								
		4	Very much	150	21	3,923	23	10,049	27	532	21								
		Total		694	100	16,641	100	37,853	100	2,482	100								

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	30	5	666	4	1,712	5	101	4	2.9	2.9	-.01	2.9	-.06	2.8	.06	
		2	Some	174	27	4,460	28	9,433	25	718	30								
		3	Quite a bit	327	47	7,550	45	16,629	44	1,145	46								
		4	Very much	160	22	3,923	23	9,913	26	513	20								
		Total	691	100	16,599	100	37,687	100	2,477	100									
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	12	2	339	2	905	3	47	2	3.1	3.1	.01	3.1	-.02	3.0	.08	
		2	Some	136	20	3,044	19	6,904	19	524	21								
		3	Quite a bit	314	44	7,734	47	16,587	44	1,164	47								
		4	Very much	231	34	5,401	32	13,053	35	725	29								
		Total	693	100	16,518	100	37,449	100	2,460	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	21	3	537	4	1,335	4	73	3	3.0	3.0	.01	3.0	.00	3.0	.06	
		2	Some	133	19	3,182	19	7,416	20	492	20								
		3	Quite a bit	339	48	7,926	48	16,865	44	1,255	51								
		4	Very much	199	29	4,864	29	11,786	32	638	26								
		Total	692	100	16,509	100	37,402	100	2,458	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	13	2	477	3	1,227	4	64	3	3.1	3.0	.03	3.1	-.01	3.0	.06	
		2	Some	152	22	3,319	20	7,213	20	524	21								
		3	Quite a bit	300	43	7,386	45	15,823	42	1,136	47								
		4	Very much	225	33	5,303	32	13,053	35	736	29								
		Total	690	100	16,485	100	37,316	100	2,460	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	70	12	1,704	11	4,347	12	272	11	2.6	2.7	-.07	2.7	-.07	2.6	.03	
		2	Some	222	33	4,997	30	11,321	30	840	35								
		3	Quite a bit	246	35	6,032	36	12,454	33	876	36								
		4	Very much	151	20	3,741	22	9,134	25	465	18								
		Total	689	100	16,474	100	37,256	100	2,453	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	58	9	1,227	8	3,099	9	187	8	2.7	2.8 *	-.10	2.8 **	-.10	2.7	-.02	
		2	Some	230	34	5,083	31	11,398	30	825	34								
		3	Quite a bit	265	38	6,613	40	14,065	38	970	40								
		4	Very much	134	19	3,513	21	8,590	24	461	19								
		Total	687	100	16,436	100	37,152	100	2,443	100									

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				Count	%	Count	%	Count	%	Count	%	UND	Plains Public	Carnegie Class	One UND	Effect size ^e	Effect size ^e	Effect size ^e														
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	67	9	1,787	11	4,105	11	223	9	2.7	2.6 *	.09	2.7	.02	2.6	.03	△													
		2	Sometimes	238	34	5,980	36	12,485	33	879	36																					
		3	Often	260	38	5,850	36	13,081	36	893	37																					
		4	Very often	121	19	2,714	17	7,170	20	427	18																					
		Total		686	100	16,331	100	36,841	100	2,422	100																					
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	125	19	2,952	18	7,083	19	440	18	2.4	2.4	.06	2.4	.03	2.4	.05														
		2	Sometimes	251	36	6,351	39	13,690	37	920	38																					
		3	Often	201	30	4,856	30	10,368	29	750	31																					
		4	Very often	107	16	2,132	13	5,521	15	302	13																					
		Total		684	100	16,291	100	36,662	100	2,412	100																					
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	104	16	2,569	16	6,037	17	303	13	2.4	2.4	.04	2.4	.01	2.5	-.05														
		2	Sometimes	263	38	6,700	41	14,292	39	983	40																					
		3	Often	235	34	5,052	31	11,197	31	808	34																					
		4	Very often	81	12	1,930	12	5,034	14	308	13																					
		Total		683	100	16,251	100	36,560	100	2,402	100																					
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.)																																
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	63	11	1,068	7	2,330	7	148	6	6.7	7.2 *	-.08	7.4 **	-.11	7.7 ***	-.15	▽													
		1.5	1-2	151	23	3,172	20	6,709	18	426	17																					
		4	3-5	175	26	4,714	29	10,567	29	671	28																					
		8	6-10	137	20	3,365	21	7,843	22	534	22																					
		13	11-15	61	8	1,777	11	4,019	11	290	12																					
		18	16-20	32	4	879	5	2,137	6	144	6																					
		23	More than 20	61	8	1,258	8	2,849	8	198	8																					
Total		680	100	16,233	100	36,454	100	2,411	100																							
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	176	28	4,284	27	8,940	25	542	23	3.2	3.1	.02	3.4	-.05	3.3	-.04														
		1.5	1-2	231	34	5,848	36	12,452	34	885	37																					
		4	3-5	149	21	3,610	22	8,668	24	575	24																					
		8	6-10	84	12	1,552	10	3,930	11	254	10																					
		13	11-15	22	3	530	3	1,410	4	81	3																					
		18	16-20	6	1	170	1	449	1	29	1																					
		23	More than 20	11	1	198	1	490	1	31	1																					
Total		679	100	16,192	100	36,339	100	2,397	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 2019 Frequencies and Statistical Comparisons

University of North Dakota

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UND				Plains Public				Carnegie Class				One UND				UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e								
c. 11 pages or more	wrlongnum	0	None	311	48	8,440	52	17,710	49	1,146	48	1.8	1.6	.05	1.9	-.02	1.7	.02									
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	249	34	5,311	32	12,219	33	834	35																
		4	3-5	70	10	1,442	9	3,776	10	261	11																
		8	6-10	26	4	511	3	1,340	4	84	4																
		13	11-15	10	2	284	2	689	2	44	2																
		18	16-20	2	0	78	1	257	1	11	0																
		23	More than 20	9	1	133	1	388	1	17	1																
		Total			677	100	16,199	100	36,379	100	2,397	100															
Estimated number of assigned pages of student writing.	wpages										71.6	70.6	.01	76.6	-.05	75.6	-.05										
				<i>(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)</i>																							
8. During the current school year, about how often have you had discussions with people from the following groups?																											
a. People of a race or ethnicity other than your own	DDrace	1	Never	58	10	790	5	1,758	5	124	5	2.7	2.9 ***	-.30	3.1 ***	-.44	2.8 ***	-.21									
		2	Sometimes	257	37	4,625	29	8,907	24	780	33																
		3	Often	207	30	5,406	33	11,105	30	818	34																
		4	Very often	158	22	5,389	33	14,593	40	680	28																
			Total	680	100	16,210	100	36,363	100	2,402	100																
b. People from an economic background other than your own	DDeconomic	1	Never	46	8	582	4	1,405	4	65	3	2.8	3.0 ***	-.25	3.1 ***	-.34	3.0 ***	-.25									
		2	Sometimes	208	31	4,043	26	8,421	23	641	27																
		3	Often	269	39	6,396	39	13,019	36	995	42																
		4	Very often	157	23	5,162	31	13,448	37	696	29																
			Total	680	100	16,183	100	36,293	100	2,397	100																
c. People with religious beliefs other than your own	DDreligion	1	Never	51	9	767	5	2,609	7	101	4	2.8	2.9 ***	-.22	3.0 ***	-.23	3.0 ***	-.23									
		2	Sometimes	212	32	4,302	27	9,651	26	655	28																
		3	Often	243	35	5,752	35	11,439	32	888	37																
		4	Very often	174	25	5,371	32	12,596	36	752	31																
			Total	680	100	16,192	100	36,295	100	2,396	100																
d. People with political views other than your own	DDpolitical	1	Never	43	8	726	5	2,109	6	91	4	2.8	3.0 ***	-.14	2.9 **	-.10	3.0 ***	-.15									
		2	Sometimes	180	27	4,323	27	10,323	28	636	27																
		3	Often	263	39	5,753	35	11,860	32	904	38																
		4	Very often	193	26	5,381	33	11,991	33	760	31																
			Total	679	100	16,183	100	36,283	100	2,391	100																

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NSSE 2019 Frequencies and Statistical Comparisons

University of North Dakota

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	19	3	401	3	1,002	3	57	3	2.9	3.0 *	-0.9	3.1 ***	-0.15	3.0	-0.06	
		2	Sometimes	163	25	3,523	22	7,376	21	546	24								
		3	Often	311	45	7,459	46	15,809	44	1,107	46								
		4	Very often	185	26	4,764	29	11,931	33	676	28								
		Total		678	100	16,147	100	36,118	100	2,386	100								
b. Reviewed your notes after class	LSnotes	1	Never	63	9	1,415	9	2,867	8	217	9	2.7	2.7	-0.01	2.8 *	-0.09	2.6	.08	
		2	Sometimes	236	34	5,352	33	11,597	32	878	37								
		3	Often	211	32	5,436	34	11,736	33	793	33								
		4	Very often	168	24	3,920	24	9,907	28	497	20								
		Total		678	100	16,123	100	36,107	100	2,385	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	53	8	1,178	7	2,814	8	167	7	2.7	2.7	-0.05	2.8 *	-0.09	2.7	.04	
		2	Sometimes	235	35	5,165	32	11,289	31	868	37								
		3	Often	249	36	6,190	38	13,213	37	891	37								
		4	Very often	143	21	3,577	22	8,767	25	458	19								
		Total		680	100	16,110	100	36,083	100	2,384	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	5	1	160	1	410	1	29	1	5.5	5.4	.07	5.5	.01	5.3 **	.13	
		2		8	1	222	2	565	2	28	1								
		3		29	5	807	5	1,618	5	117	5								
		4		69	11	1,874	12	3,790	11	307	13								
		5		202	29	5,071	31	10,705	29	796	33								
		6		208	31	4,187	26	9,255	25	609	26								
		7	Very much	157	23	3,727	23	9,564	27	484	20								
		Total		678	100	16,048	100	35,907	100	2,370	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		45	7	1,135	7	3,021	9	208	9	49%	52%	-0.05	50%	-0.03	54% *	-0.10	
		Do not plan to do		119	19	2,442	16	5,499	17	349	15								
		Plan to do		169	25	3,907	25	8,225	24	516	22								
		Done or in progress		343	49	8,580	52	19,182	50	1,297	54								
		Total		676	100	16,064	100	35,927	100	2,370	100								

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NSSE 2019 Frequencies and Statistical Comparisons

University of North Dakota

Seniors

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Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UND				Plains Public				Carnegie Class				One UND			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	62	10	1,408	9	3,648	11	201	9	35%	40% *	-0.10	37%	-0.03	43% ***	-0.17	
			Do not plan to do	305	47	6,606	43	15,569	45	950	41								
			Plan to do	52	8	1,228	8	2,748	8	175	8								
			Done or in progress	256	35	6,792	40	13,870	37	1,040	43								
			Total	675	100	16,034	100	35,835	100	2,366	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	73	11	1,825	12	4,429	13	253	11	22%	24%	-0.05	24%	-0.05	24%	-0.06	
			Do not plan to do	386	58	8,623	55	19,092	54	1,337	57								
			Plan to do	59	9	1,468	9	3,154	9	177	8								
			Done or in progress	157	22	4,084	24	9,043	24	595	24								
			Total	675	100	16,000	100	35,718	100	2,362	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	63	10	1,403	9	3,652	11	205	9	8%	14% ***	-0.21	15% ***	-0.22	16% ***	-0.27	
			Do not plan to do	520	77	10,887	70	23,638	67	1,580	67								
			Plan to do	31	5	1,114	7	2,395	7	167	7								
			Done or in progress	61	8	2,586	14	6,052	15	404	16								
			Total	675	100	15,990	100	35,737	100	2,356	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	90	15	1,952	13	5,151	15	278	12	23%	22%	0.02	23%	-0.01	26%	-0.08	
			Do not plan to do	343	51	8,559	54	17,331	49	1,135	48								
			Plan to do	77	12	1,810	12	4,355	13	323	14								
			Done or in progress	164	23	3,684	22	8,920	23	626	26								
			Total	674	100	16,005	100	35,757	100	2,362	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	36	6	1,276	8	3,105	9	171	7	52%	45% ***	0.15	45% ***	0.15	50%	0.04	
			Do not plan to do	55	9	3,321	22	7,494	21	397	17								
			Plan to do	208	33	3,869	25	8,602	25	593	25								
			Done or in progress	375	52	7,520	45	16,519	45	1,201	50								
			Total	674	100	15,986	100	35,720	100	2,362	100								

12. About how many of your courses at this institution have included a community-based project (service-learning)?

	servcourse	1	None	261	42	5,544	36	14,071	41	910	39	1.7	1.8 *	-0.10	1.7	-0.02	1.7	0.00
		2	Some	331	47	8,386	52	17,554	48	1,213	51							
		3	Most	70	10	1,691	10	3,322	9	187	8							
		4	All	11	2	333	2	724	2	43	2							
		Total		673	100	15,954	100	35,671	100	2,353	100							

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NSSE 2019 Frequencies and Statistical Comparisons

University of North Dakota

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	10	2	149	1	429	1	22	1	5.6	5.6	-.03	5.5	.03	5.5	.03	
		2		7	1	212	1	583	2	28	1								
		3		27	4	548	4	1,498	4	78	3								
		4		48	8	1,631	10	3,969	11	256	11								
		5		167	24	4,070	25	9,267	26	619	26								
		6		217	31	4,601	28	9,620	27	772	33								
		7	Excellent	168	24	4,531	28	9,812	27	544	23								
		—	Not applicable	30	6	223	2	449	2	37	2								
			Total	674	100	15,965	100	35,627	100	2,356	100								
b. Academic advisors	QIadvisor	1	Poor	36	6	594	4	1,974	6	88	4	5.1	5.3 **	-.11	5.1	.05	5.2	-.05	
		2		34	5	720	4	2,073	6	118	5								
		3		43	7	1,159	7	3,020	8	169	7								
		4		90	13	1,942	12	4,732	13	278	12								
		5		126	19	3,024	19	6,677	18	478	20								
		6		125	18	3,291	21	6,623	18	526	22								
		7	Excellent	215	31	5,117	33	10,012	29	675	28								
		—	Not applicable	6	1	117	1	504	1	26	1								
			Total	675	100	15,964	100	35,615	100	2,358	100								
c. Faculty	QIfaculty	1	Poor	12	2	168	1	554	2	22	1	5.3	5.5 **	-.13	5.4 *	-.09	5.4 *	-.09	
		2		17	3	268	2	814	2	45	2								
		3		29	5	718	5	1,811	5	105	5								
		4		100	15	2,054	13	4,399	12	309	13								
		5		196	28	4,188	26	8,895	24	631	27								
		6		161	24	4,601	28	9,931	27	695	29								
		7	Excellent	154	22	3,865	25	8,999	26	529	22								
		—	Not applicable	5	1	87	1	183	1	19	1								
			Total	674	100	15,949	100	35,586	100	2,355	100								

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NSSE 2019 Frequencies and Statistical Comparisons

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Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	21	3	455	3	1,666	5	61	3	5.0	5.1	-.05	4.8 *	.09	5.0	-.01	
		2		27	4	557	4	1,659	5	92	4								
		3		47	7	1,037	6	2,775	7	163	7								
		4		102	14	2,189	13	4,966	14	343	15								
		5		131	19	3,298	20	6,749	18	475	20								
		6		131	18	3,096	19	5,911	16	469	20								
		7	Excellent	116	17	2,844	18	5,669	16	393	17								
		—	Not applicable	99	17	2,481	17	6,189	19	355	15								
	Total			674	100	15,957	100	35,584	100	2,351	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	35	5	499	3	1,842	6	90	4	4.9	5.1 **	-.12	4.8	.06	4.9	.01	
		2		32	5	608	4	1,874	5	102	5								
		3		37	5	1,083	7	3,041	8	172	7								
		4		117	17	2,378	15	5,730	16	400	17								
		5		144	20	3,678	22	7,634	21	537	23								
		6		129	19	3,499	22	6,721	19	528	22								
		7	Excellent	126	19	3,205	21	6,431	19	387	16								
		—	Not applicable	52	8	995	6	2,298	7	139	6								
	Total			672	100	15,945	100	35,571	100	2,355	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	17	2	288	2	731	2	41	2	3.0	3.0	-.07	3.1 ***	-.14	3.0	.00	
		2	Some	161	24	3,414	22	6,680	20	554	24								
		3	Quite a bit	308	47	7,704	49	16,147	46	1,154	49								
		4	Very much	184	26	4,509	28	11,889	32	600	25								
			Total	670	100	15,915	100	35,447	100	2,349	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	48	8	655	5	1,831	6	104	5	2.7	2.9 ***	-.22	2.9 ***	-.21	2.8 ***	-.16	
		2	Some	209	32	4,008	25	8,905	25	628	27								
		3	Quite a bit	275	41	7,276	46	15,369	43	1,099	47								
		4	Very much	136	19	3,944	24	9,283	26	511	21								
			Total	668	100	15,883	100	35,388	100	2,342	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	76	12	1,369	9	3,014	9	171	7	2.6	2.8 ***	-.26	2.8 ***	-.30	2.8 ***	-.25	
		2	Some	227	35	4,273	27	9,229	26	710	31								
		3	Quite a bit	264	39	6,344	39	13,554	38	939	40								
		4	Very much	103	14	3,902	24	9,599	27	525	22								
			Total	670	100	15,888	100	35,396	100	2,345	100								

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University of North Dakota

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Frequency Distributions^a

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	130	20	2,092	14	5,809	16	347	15	2.3	2.6 ***	-0.29	2.6 ***	-0.25	2.5 ***	-0.16	
		2	Some	271	41	5,193	33	11,394	32	885	38								
		3	Quite a bit	190	29	5,536	35	11,021	32	743	31								
		4	Very much	79	11	3,042	19	7,096	21	368	15								
		Total		670	100	15,863	100	35,320	100	2,343	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	50	8	1,020	7	2,934	9	161	7	2.7	2.8 ***	-0.19	2.8 ***	-0.15	2.8 **	-0.12	
		2	Some	220	34	4,168	27	9,463	27	667	29								
		3	Quite a bit	276	41	6,745	42	13,812	39	1,036	44								
		4	Very much	123	17	3,912	24	9,083	25	476	20								
		Total		669	100	15,845	100	35,292	100	2,340	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	57	9	1,411	10	4,130	12	189	8	2.7	2.8	-0.05	2.7	.02	2.8 *	-0.10	
		2	Some	191	29	4,355	28	9,959	28	608	26								
		3	Quite a bit	280	42	6,285	39	12,900	36	991	42								
		4	Very much	140	20	3,777	23	8,255	23	549	23								
		Total		668	100	15,828	100	35,244	100	2,337	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	244	37	5,074	32	12,642	36	734	32	2.0	2.1 **	-0.12	2.0	-0.07	2.0	-0.06	
		2	Some	249	37	5,968	37	12,458	35	968	41								
		3	Quite a bit	132	20	3,376	22	6,781	19	479	21								
		4	Very much	44	6	1,409	9	3,322	10	152	6								
		Total		669	100	15,827	100	35,203	100	2,333	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	85	14	1,979	13	5,093	15	220	10	2.6	2.6	-0.04	2.6	-0.01	2.7 **	-0.13	
		2	Some	211	31	5,069	32	11,299	32	757	33								
		3	Quite a bit	273	41	5,793	36	11,969	33	905	38								
		4	Very much	100	14	2,979	18	6,832	19	450	19								
		Total		669	100	15,820	100	35,193	100	2,332	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	162	25	2,917	19	7,435	22	381	17	2.1	2.3 ***	-0.21	2.3 ***	-0.18	2.3 ***	-0.21	
		2	Some	289	42	6,395	40	13,589	38	1,014	43								
		3	Quite a bit	171	26	4,669	29	9,691	27	714	30								
		4	Very much	47	7	1,840	11	4,448	13	224	9								
		Total		669	100	15,821	100	35,163	100	2,333	100								

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

NSSE 2019 Frequencies and Statistical Comparisons

University of North Dakota

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d Response options		UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
		Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	3	1	74	1	150	1	10	0	15.6	14.4 **	.13	15.0	.06	15.5	.01	
	(Recorded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	77	12	2,285	14	4,519	13	272	12								
	8	6-10 hrs	150	23	3,801	24	7,733	23	521	22									
	13	11-15 hrs	127	19	3,274	21	7,196	20	469	20									
	18	16-20 hrs	127	18	2,750	18	6,341	18	408	18									
	23	21-25 hrs	75	11	1,637	10	3,878	11	269	11									
	28	26-30 hrs	45	6	890	6	2,276	6	163	7									
	33	More than 30 hrs	65	10	1,077	7	3,011	8	207	9									
	Total	669	100	15,788	100	35,104	100	2,319	100										
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcoccrrhrs	0	0 hrs	273	44	5,408	37	14,340	43	749	33	4.4	5.3 ***	-.14	4.9	-.07	5.4 ***	-.16	
	(Recorded version of tmcoccurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	218	31	5,132	31	10,246	28	807	34								
	8	6-10 hrs	91	13	2,318	14	4,677	13	351	15									
	13	11-15 hrs	27	4	1,302	8	2,618	7	195	8									
	18	16-20 hrs	30	4	765	5	1,556	4	111	5									
	23	21-25 hrs	9	1	433	3	789	2	60	3									
	28	26-30 hrs	7	1	153	1	294	1	22	1									
	33	More than 30 hrs	10	1	261	2	508	1	29	1									
	Total	665	100	15,772	100	35,028	100	2,324	100										
c. Working for pay on campus	tmworkonhrs	0	0 hrs	471	72	10,880	70	23,967	71	1,450	63	4.1	4.1	.00	4.0	.01	5.1 **	-.12	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	26	4	699	4	1,524	4	124	5								
	8	6-10 hrs	59	8	1,197	7	2,822	7	221	9									
	13	11-15 hrs	35	5	1,158	7	2,535	6	228	9									
	18	16-20 hrs	39	6	1,154	7	2,764	7	164	7									
	23	21-25 hrs	14	2	359	2	742	2	54	2									
	28	26-30 hrs	8	1	144	1	258	1	34	1									
	33	More than 30 hrs	15	3	177	1	451	1	48	2									
	Total	667	100	15,768	100	35,063	100	2,323	100										

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NSSE 2019 Frequencies and Statistical Comparisons

University of North Dakota

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UND				Plains Public				Carnegie Class				One UND				UND	Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e							
d. Working for pay off campus	<i>(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	254	37	5,826	36	14,650	40	1,091	47	14.1	13.4	.05	12.8 *	.10	9.8 ***	.35								
		3	1-5 hrs	34	5	844	5	1,848	5	142	6															
		8	6-10 hrs	35	5	1,154	7	2,265	6	177	7															
		13	11-15 hrs	47	6	1,358	8	2,550	7	181	8															
		18	16-20 hrs	71	10	1,833	11	3,475	10	230	10															
		23	21-25 hrs	66	9	1,455	9	2,660	8	156	7															
		28	26-30 hrs	39	5	966	6	1,957	6	103	4															
		33	More than 30 hrs	123	22	2,342	18	5,682	19	241	10															
Total				669	100	15,778	100	35,087	100	2,321	100															
Estimated number of hours working for pay	tmworkhrs										18.1	17.5	.05	16.7 **	.10	14.8 ***	.26									
e. Doing community service or volunteer work	<i>(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	310	49	7,431	49	17,219	50	1,212	53	3.1	3.1	.00	3.2	-.02	2.5 **	.13								
		3	1-5 hrs	264	38	5,913	36	12,253	33	860	36															
		8	6-10 hrs	44	6	1,224	7	2,843	8	133	6															
		13	11-15 hrs	18	3	523	3	1,241	4	55	2															
		18	16-20 hrs	11	2	352	2	760	2	34	2															
		23	21-25 hrs	8	1	149	1	327	1	10	0															
		28	26-30 hrs	6	1	58	0	118	0	6	0															
		33	More than 30 hrs	6	1	122	1	309	1	11	0															
Total				667	100	15,772	100	35,070	100	2,321	100															
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	<i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	15	3	294	2	967	3	54	2	11.1	11.5	-.04	10.9	.03	11.5	-.05								
		3	1-5 hrs	181	28	3,720	24	9,452	27	534	23															
		8	6-10 hrs	182	27	4,500	28	9,827	27	637	27															
		13	11-15 hrs	113	17	3,178	20	6,692	19	492	21															
		18	16-20 hrs	83	12	2,076	13	4,063	12	327	14															
		23	21-25 hrs	39	6	848	6	1,668	5	116	5															
		28	26-30 hrs	22	3	367	2	761	2	56	3															
		33	More than 30 hrs	31	5	784	5	1,594	5	98	4															
Total				666	100	15,767	100	35,024	100	2,314	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 2019 Frequencies and Statistical Comparisons

University of North Dakota

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b								
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND		
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
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	488	70	11,486	71	23,849	66	1,838	79	5.6	5.0	.06	5.5	.01	3.4 ***	.25		
		3	1-5 hrs	48	7	1,355	9	3,637	11	160	7									
		8	6-10 hrs	13	2	607	4	1,689	5	75	3									
		13	11-15 hrs	19	4	409	3	1,082	3	41	2									
		18	16-20 hrs	20	4	329	2	859	3	30	1									
		23	21-25 hrs	15	3	186	1	410	1	15	1									
		28	26-30 hrs	5	1	115	1	307	1	12	0									
		33	More than 30 hrs	58	10	1,275	9	3,165	10	148	6									
		Total				666	100	15,762	100	34,998	100								2,319	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	131	23	2,492	17	5,763	18								367	15
3	1-5 hrs			431	61	9,569	59	19,050	53	1,496	65									
8	6-10 hrs			48	7	2,201	14	6,089	17	290	12									
13	11-15 hrs			27	4	734	5	1,986	6	79	3									
18	16-20 hrs			9	1	321	2	879	3	42	2									
23	21-25 hrs			8	1	139	1	374	1	16	1									
28	26-30 hrs			2	0	64	0	202	1	3	0									
33	More than 30 hrs			11	2	252	2	718	2	26	1									
Total				667	100	15,772	100	35,061	100	2,319	100									
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																				
reading	tmreadinghrs <i>(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)</i>	1	Very little	118	18	2,625	17	5,663	16	431	19	2.7	2.7	-0.02	2.7	-0.06	2.6	.06		
		2	Some	192	30	4,845	31	10,382	30	768	34									
		3	About half	156	24	4,158	27	9,137	26	543	23									
		4	Most	154	22	2,891	18	6,852	19	392	17									
		5	Almost all	42	6	1,231	8	2,982	8	182	8									
		Total				662	100	15,750	100	35,016	100								2,316	100
												6.9	6.5	.07	6.9	.00	6.4	.08		

*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 2019 Frequencies and Statistical Comparisons

University of North Dakota

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol	1	0 hrs	3	1	73	1	148	1	10	0								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	317	49	8,239	53	17,164	50	1,191	52								
		3	More than 5, up to 10 hrs	192	29	4,379	28	10,003	28	670	29								
		4	More than 10, up to 15 hrs	77	11	1,514	10	3,549	10	201	8								
		5	More than 15, up to 20 hrs	37	6	774	5	2,004	6	122	5								
		6	More than 20, up to 25 hrs	26	4	470	3	1,377	4	78	3								
		7	More than 25 hrs	10	1	248	2	631	2	34	1								
			Total		662	100	15,697	100	34,876	100	2,306	100							

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

a. Writing clearly and effectively	pgwrite	1	Very little	46	8	863	6	2,185	7	143	6	2.8	2.9 ***	-.18	2.9 ***	-.20	2.9 **	-.12						
		2	Some	177	28	3,834	25	8,165	23	616	27													
		3	Quite a bit	299	44	6,437	41	13,374	38	940	40													
		4	Very much	142	20	4,589	29	11,165	32	614	26													
		Total		664	100	15,723	100	34,889	100	2,313	100													
b. Speaking clearly and effectively	pgspeak	1	Very little	54	9	1,187	8	2,771	9	183	8	2.7	2.8 ***	-.16	2.9 ***	-.18	2.8	-.07						
		2	Some	206	32	4,043	26	8,767	25	693	30													
		3	Quite a bit	255	38	6,122	39	12,902	36	894	39													
		4	Very much	149	21	4,381	27	10,493	30	545	23													
		Total		664	100	15,733	100	34,933	100	2,315	100													
c. Thinking critically and analytically	pgthink	1	Very little	14	2	316	2	873	3	50	2	3.2	3.3	-.07	3.3 *	-.09	3.2	-.04						
		2	Some	93	16	2,074	14	4,516	13	321	14													
		3	Quite a bit	280	42	6,399	41	13,107	37	975	42													
		4	Very much	277	40	6,957	43	16,441	46	967	41													
		Total		664	100	15,746	100	34,937	100	2,313	100													
d. Analyzing numerical and statistical information	pganalyze	1	Very little	47	7	1,503	9	3,497	10	208	9	2.9	2.8	.06	2.9	.02	2.9	.02						
		2	Some	172	26	4,313	27	8,772	25	609	26													
		3	Quite a bit	252	37	5,389	35	11,408	33	812	35													
		4	Very much	195	30	4,539	29	11,258	32	686	30													
		Total		666	100	15,744	100	34,935	100	2,315	100													

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

NSSE 2019 Frequencies and Statistical Comparisons

University of North Dakota

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				UND		Plains Public		Carnegie Class		One UND		UND	Plains Public	Carnegie Class	One UND			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	49	8	1,070	7	3,050	9	191	9	2.9	3.0	-.05	2.9	.02	2.8 *	.09
		2	Some	169	25	3,519	23	8,274	24	614	27							
		3	Quite a bit	224	34	5,802	37	11,874	34	848	36							
		4	Very much	223	33	5,339	33	11,740	33	658	28							
		Total		665	100	15,730	100	34,938	100	2,311	100							
f. Working effectively with others	pgothers	1	Very little	40	7	675	5	1,749	6	119	5	2.9	3.0 ***	-.14	3.0 **	-.12	2.9	-.04
		2	Some	144	23	3,103	21	7,352	22	542	24							
		3	Quite a bit	270	40	6,392	40	13,280	37	948	41							
		4	Very much	209	29	5,568	34	12,546	35	704	30							
		Total		663	100	15,738	100	34,927	100	2,313	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	89	15	1,584	11	3,960	12	292	13	2.6	2.8 ***	-.15	2.8 ***	-.14	2.7	-.03
		2	Some	190	29	4,034	26	8,894	26	657	29							
		3	Quite a bit	217	32	5,702	36	11,762	33	805	34							
		4	Very much	168	24	4,411	27	10,303	29	553	23							
		Total		664	100	15,731	100	34,919	100	2,307	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	98	17	1,306	9	3,866	11	236	11	2.5	2.8 ***	-.33	2.8 ***	-.28	2.7 ***	-.17
		2	Some	223	34	4,210	27	9,594	27	735	33							
		3	Quite a bit	206	30	5,666	36	11,401	32	810	34							
		4	Very much	137	19	4,552	28	10,059	29	528	22							
		Total		664	100	15,734	100	34,920	100	2,309	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	57	10	1,252	9	3,181	10	196	9	2.8	2.8	-.05	2.8	-.05	2.7	.03
		2	Some	193	29	4,371	28	9,532	27	711	31							
		3	Quite a bit	246	37	5,925	37	12,343	35	881	38							
		4	Very much	169	25	4,191	26	9,844	28	522	22							
		Total		665	100	15,739	100	34,900	100	2,310	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	110	18	1,845	13	4,970	15	316	14	2.5	2.7 ***	-.21	2.6 ***	-.18	2.5	-.08
		2	Some	231	34	4,885	31	10,681	30	818	36							
		3	Quite a bit	207	31	5,273	33	10,866	31	747	32							
		4	Very much	115	17	3,745	23	8,433	24	432	18							
		Total		663	100	15,748	100	34,950	100	2,313	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 2019 Frequencies and Statistical Comparisons

University of North Dakota

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	19	3	311	2	1,002	3	60	3	3.1	3.2 ***	-0.21	3.2 ***	-0.16	3.2 ***	-0.15	
		2	Fair	103	16	1,838	12	4,298	13	276	12								
		3	Good	356	54	7,361	47	15,741	45	1,132	49								
		4	Excellent	186	28	6,259	39	14,057	39	856	36								
			Total	664	100	15,769	100	35,098	100	2,324	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	29	4	604	4	1,782	6	90	4	3.1	3.2 ***	-0.17	3.2 **	-0.10	3.2 **	-0.13	
		2	Probably no	116	17	1,894	12	4,579	13	290	13								
		3	Probably yes	302	45	6,486	41	13,866	39	1,002	43								
		4	Definitely yes	220	33	6,849	43	14,972	42	945	40								
			Total	667	100	15,833	100	35,199	100	2,327	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 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g University of North Dakota

First-Year Students

Variable Name	N		Mean			Standard error ^h			Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e			
	UND	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND
1 a. askquest	689	2.64	2.75	2.77	2.68	.030	.006	.003	.013	.78	.82	.85	.84	20,986	703	985	.000	.000	.200	-.14	-.16	-.05
b. drafts	688	2.53	2.38	2.45	2.39	.037	.007	.004	.015	.96	.97	.98	.97	20,947	72,935	4,679	.000	.029	.000	.16	.08	.14
c. unpreparedr	690	2.89	3.01	3.00	2.94	.029	.005	.003	.012	.77	.77	.77	.79	20,921	72,846	4,672	.000	.000	.139	-.15	-.15	-.06
d. attendart	690	1.83	1.90	1.91	1.99	.033	.007	.003	.015	.87	.93	.92	.94	20,916	72,663	4,676	.044	.023	.000	-.08	-.09	-.17
e. CLaskhelp	690	2.75	2.65	2.66	2.70	.031	.006	.003	.014	.81	.87	.88	.87	745	705	987	.003	.007	.204	.11	.10	.05
f. CLexplain	689	2.82	2.72	2.76	2.72	.029	.006	.003	.013	.76	.82	.82	.82	743	703	987	.002	.047	.002	.11	.07	.12
g. CLstudy	684	2.71	2.55	2.57	2.58	.035	.007	.004	.015	.91	.95	.96	.95	735	697	956	.000	.000	.001	.17	.15	.13
h. CLproject	682	2.76	2.65	2.69	2.67	.030	.006	.003	.013	.78	.85	.85	.82	739	697	964	.000	.018	.005	.13	.08	.11
i. present	683	2.13	2.23	2.32	2.24	.031	.006	.003	.014	.82	.89	.89	.86	738	698	966	.001	.000	.001	-.12	-.22	-.13
2 a. RIntegrate	675	2.51	2.57	2.59	2.57	.028	.006	.003	.013	.74	.82	.84	.80	732	691	969	.050	.009	.060	-.07	-.09	-.07
b. RIsocietal	669	2.36	2.51	2.56	2.48	.029	.006	.003	.014	.74	.86	.88	.85	730	686	999	.000	.000	.000	-.17	-.23	-.14
c. RIDiverse	668	2.30	2.50	2.56	2.52	.031	.006	.003	.014	.80	.88	.90	.87	723	683	967	.000	.000	.000	-.23	-.29	-.25
d. Rlownview	667	2.63	2.72	2.77	2.73	.029	.006	.003	.013	.75	.79	.80	.79	20,046	68,279	4,466	.003	.000	.004	-.12	-.17	-.12
e. Rlperspect	665	2.74	2.87	2.92	2.86	.030	.006	.003	.013	.78	.78	.78	.77	710	677	907	.000	.000	.000	-.17	-.23	-.15
f. Rlnewview	662	2.71	2.79	2.84	2.77	.029	.006	.003	.013	.73	.77	.79	.77	19,626	66,467	4,357	.009	.000	.056	-.10	-.16	-.08
g. Rlconnect	656	2.89	2.99	3.03	2.95	.026	.005	.003	.012	.67	.73	.74	.73	19,427	671	4,306	.001	.000	.069	-.13	-.18	-.08
3 a. SFcareer	660	2.40	2.39	2.31	2.37	.033	.007	.004	.015	.85	.90	.94	.88	712	676	4,322	.835	.006	.409	.01	.10	.03
b. SFotherwork	659	1.81	1.86	1.79	1.85	.033	.007	.004	.015	.84	.92	.92	.89	714	674	4,306	.144	.570	.309	-.05	.02	-.04
c. SFdiscuss	653	1.98	2.01	2.01	2.03	.032	.006	.004	.014	.81	.86	.89	.83	19,280	668	4,251	.477	.476	.170	-.03	-.03	-.06
d. SFperform	657	2.07	2.12	2.12	2.15	.031	.006	.004	.014	.80	.85	.89	.83	709	672	930	.097	.096	.016	-.06	-.06	-.10
4 a. memorize	655	2.96	2.92	2.94	2.88	.029	.006	.003	.013	.74	.78	.81	.79	707	670	948	.150	.429	.013	.05	.03	.10
b. HOapply	655	2.90	2.87	2.90	2.86	.028	.006	.003	.013	.73	.78	.80	.77	709	670	943	.249	.905	.169	.04	.00	.06
c. HOanalyze	652	2.81	2.82	2.90	2.83	.030	.006	.003	.013	.76	.80	.81	.80	18,985	63,175	4,195	.729	.005	.450	-.01	-.11	-.03
d. HOevaluate	644	2.77	2.79	2.87	2.78	.031	.006	.003	.013	.77	.79	.81	.79	18,908	62,772	4,175	.515	.001	.742	-.03	-.13	-.01
e. HOform	647	2.76	2.80	2.86	2.79	.029	.006	.003	.013	.74	.80	.81	.78	700	62,519	4,150	.225	.002	.390	-.05	-.12	-.04
5 a. ETgoals	645	2.96	3.02	3.02	2.95	.030	.006	.003	.013	.77	.76	.78	.77	18,758	61,989	4,118	.049	.030	.957	-.08	-.09	.00
b. ETorganize	646	2.88	2.96	2.96	2.91	.030	.006	.003	.013	.77	.79	.81	.78	18,711	61,895	4,104	.012	.010	.346	-.10	-.10	-.04
c. ETexample	642	2.88	2.97	2.98	2.93	.032	.006	.003	.014	.81	.81	.82	.80	18,672	61,702	4,089	.008	.002	.170	-.11	-.12	-.06
d. ETdraftfb	643	2.68	2.73	2.78	2.72	.034	.007	.004	.015	.87	.90	.90	.88	18,642	61,579	4,080	.167	.003	.268	-.06	-.12	-.05
e. ETfeedback	640	2.46	2.63	2.65	2.59	.034	.007	.004	.015	.86	.88	.90	.85	18,589	61,350	4,062	.000	.000	.001	-.19	-.20	-.15

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^B University of North Dakota

First-Year Students

Variable Name	N			Mean			Standard error ^h			Standard deviation ⁱ			Degrees of freedom ⁱ			Significance ^k			Effect size ^e			
	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	Comparisons with:			Comparisons with:			Comparisons with:			
													Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	
6 a. QRconclude	635	2.57	2.54	2.58	2.57	.031	.006	.004	.014	.79	.85	.88	.84	687	650	921	.262	.870	.971	.04	-.01	-.00
b. QRproblem	635	2.27	2.28	2.30	2.29	.034	.007	.004	.015	.85	.89	.92	.87	18,317	650	4,016	.834	.312	.601	-.01	-.04	-.02
c. QRevaluate	635	2.30	2.27	2.31	2.30	.032	.006	.004	.014	.81	.86	.88	.84	18,309	650	3,994	.434	.747	.921	.03	-.01	.00
7 a. wrshortnum	633	6.72	6.06	6.56	6.54	.216	.041	.023	.095	5.44	5.45	5.64	5.51	18,269	59,946	3,999	.003	.475	.447	.12	.03	.03
b. wrmednum	633	2.93	1.96	2.32	2.37	.140	.023	.013	.053	3.52	3.02	3.27	3.09	666	644	826	.000	.000	.000	.32	.19	.18
c. wrlongnum	631	.82	.80	.92	.86	.096	.020	.011	.043	2.42	2.62	2.69	2.50	18,216	647	3,985	.828	.294	.706	.01	-.04	-.02
— wrpages	631	56.00	45.22	51.69	51.08	2.677	.492	.282	1.106	67.24	65.12	68.40	63.96	18,125	59,459	3,972	.000	.116	.079	.17	.06	.08
8 a. DDrace	631	2.66	2.91	3.01	2.83	.035	.007	.004	.016	.88	.90	.91	.90	18,195	59,645	3,979	.000	.000	.000	-.28	-.39	-.19
b. DDeconomic	628	2.81	2.95	3.02	2.90	.034	.006	.004	.015	.85	.86	.88	.86	18,161	59,514	3,974	.000	.000	.016	-.16	-.23	-.10
c. DDreligion	631	2.72	2.93	2.93	2.93	.036	.007	.004	.015	.91	.89	.94	.88	674	59,482	864	.000	.000	.000	-.24	-.22	-.24
d. DDpolitical	628	2.86	2.94	2.90	2.93	.034	.007	.004	.015	.86	.89	.93	.87	18,155	643	3,957	.043	.303	.098	-.08	-.04	-.07
9 a. LSreading	630	2.78	2.91	2.97	2.89	.029	.006	.003	.013	.72	.76	.77	.75	18,063	59,032	3,935	.000	.000	.001	-.16	-.25	-.15
b. LSnotes	628	2.78	2.82	2.86	2.74	.035	.007	.004	.015	.87	.88	.88	.86	18,053	58,981	3,939	.309	.018	.253	-.04	-.10	.05
c. LSsummary	627	2.68	2.74	2.78	2.68	.034	.006	.004	.015	.85	.85	.87	.84	18,038	58,932	3,928	.091	.005	.917	-.07	-.11	.00
10. challenge	626	5.33	5.35	5.38	5.34	.048	.009	.005	.020	1.20	1.20	1.25	1.17	17,974	640	3,923	.784	.292	.848	-.01	-.04	-.01
11 a. intern ^l	622	.050	.073	.077	.076	.0087	.0020	.0011	.0046	--	--	--	--	--	--	--	.030	.013	.020	-.10	-.11	-.11
b. leader ^l	611	.095	.123	.110	.136	.0118	.0025	.0013	.0060	--	--	--	--	--	--	--	.035	.218	.005	-.09	-.05	-.13
c. learncom ^l	619	.106	.134	.146	.176	.0124	.0026	.0015	.0067	--	--	--	--	--	--	--	.040	.005	.000	-.09	-.12	-.20
d. abroad ^l	622	.018	.027	.029	.034	.0053	.0012	.0007	.0032	--	--	--	--	--	--	--	.173	.101	.030	-.06	-.07	-.11
e. research ^l	622	.026	.046	.045	.045	.0064	.0016	.0009	.0036	--	--	--	--	--	--	--	.023	.024	.034	-.10	-.10	-.10
f. capstone ^l	615	.005	.017	.019	.011	.0029	.0010	.0006	.0018	--	--	--	--	--	--	--	.030	.012	.187	-.11	-.13	-.07
12. servcourse	619	1.61	1.64	1.62	1.63	.027	.005	.003	.011	.67	.68	.69	.65	17,802	57,921	3,887	.213	.596	.411	-.05	-.02	-.04
13 a. QIstudent	614	5.47	5.42	5.36	5.39	.048	.010	.006	.023	1.19	1.34	1.37	1.30	671	631	914	.268	.018	.104	.04	.08	.07
b. QIadvisor	609	5.33	5.33	5.22	5.44	.061	.012	.007	.026	1.50	1.59	1.65	1.51	17,588	624	3,841	.971	.071	.121	.00	.07	-.07
c. QIfaculty	610	5.14	5.29	5.24	5.28	.052	.010	.006	.023	1.29	1.36	1.41	1.30	658	624	3,838	.007	.057	.018	-.11	-.07	-.10
d. QIstaff	597	5.10	5.15	5.03	5.19	.059	.012	.007	.027	1.43	1.54	1.62	1.49	649	613	3,611	.407	.248	.192	-.03	.04	-.06
e. QIadmin	583	5.06	5.13	4.95	5.02	.059	.012	.007	.028	1.43	1.54	1.65	1.54	632	599	867	.264	.079	.537	-.04	.06	.03
14 a. empstudy	617	2.95	3.03	3.08	3.03	.029	.006	.003	.013	.72	.73	.76	.72	17,715	631	3,858	.013	.000	.018	-.10	-.17	-.10
b. SEacademic	613	2.84	3.00	3.02	2.96	.032	.006	.003	.014	.78	.80	.82	.82	17,653	57,370	3,830	.000	.000	.000	-.21	-.23	-.16
c. SElearnsup	616	2.73	3.03	3.10	3.00	.036	.007	.004	.015	.89	.86	.87	.85	658	628	842	.000	.000	.000	-.34	-.43	-.32

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of North Dakota

First-Year Students

Variable Name	N			Mean			Standard error ^h			Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	Comparisons with:			Comparisons with:			Comparisons with:			
	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	
d. SEdiverse	617	2.34	2.72	2.71	2.70	.036	.007	.004	.016	.90	.92	.96	.90	17,620	631	3,836	.000	.000	.000	-.41	-.39	-.40
e. SESocial	614	2.82	2.95	2.95	2.90	.032	.006	.004	.015	.78	.84	.87	.85	17,611	630	3,838	.000	.000	.023	-.15	-.15	-.10
f. SEwellness	615	2.84	2.93	2.90	2.97	.033	.007	.004	.015	.82	.86	.90	.87	17,575	630	3,822	.021	.072	.001	-.09	-.07	-.14
g. SENonacad	614	2.25	2.30	2.29	2.30	.036	.007	.004	.017	.90	.94	.97	.94	663	629	3,828	.154	.214	.182	-.06	-.05	-.06
h. SEactivities	615	2.82	2.81	2.81	2.87	.033	.007	.004	.015	.82	.88	.91	.86	667	631	3,807	.822	.749	.231	.01	.01	-.05
i. SEevents	613	2.25	2.46	2.48	2.51	.035	.007	.004	.016	.86	.91	.94	.91	662	628	893	.000	.000	.000	-.23	-.24	-.29
15 a. tmprephrs	612	14.34	13.97	14.75	14.78	.309	.060	.034	.141	7.65	7.82	8.14	7.98	17,490	627	3,799	.245	.191	.211	.05	-.05	-.06
b. tmcocurrhrs	615	5.61	6.00	5.43	6.18	.271	.054	.028	.126	6.73	6.99	6.74	7.10	663	56,532	900	.157	.506	.057	-.06	.03	-.08
c. tmworkonhrs	615	2.80	2.70	2.50	2.99	.233	.046	.025	.113	5.77	5.92	5.86	6.36	17,454	56,585	3,801	.665	.199	.500	.02	.05	-.03
d. tmworkoffhrs	615	4.64	6.22	5.24	4.97	.333	.076	.039	.155	8.27	9.82	9.30	8.73	679	632	3,797	.000	.074	.394	-.16	-.06	-.04
— tmworkhrs	614	7.44	8.90	7.72	7.97	.409	.088	.047	.194	10.14	11.39	11.11	10.96	671	629	913	.000	.495	.241	-.13	-.03	-.05
e. tmservicehrs	616	2.19	2.44	2.50	2.40	.169	.036	.020	.078	4.21	4.65	4.80	4.38	17,470	633	3,794	.180	.067	.257	-.05	-.07	-.05
f. tmrelaxhrs	616	14.68	13.29	12.79	13.04	.349	.066	.036	.148	8.67	8.64	8.58	8.37	17,489	56,539	852	.000	.000	.000	.16	.22	.19
g. tmcarehrs	610	1.22	2.22	2.16	1.91	.179	.049	.025	.100	4.43	6.36	5.93	5.65	703	633	1,028	.000	.000	.001	-.16	-.16	-.13
h. tmcommutehrs	614	4.18	3.86	4.16	3.94	.243	.043	.026	.100	6.02	5.61	6.18	5.67	17,499	628	3,801	.164	.926	.349	.06	.00	.04
16. reading	614	2.49	2.59	2.64	2.53	.041	.008	.005	.019	1.01	1.05	1.10	1.06	17,430	629	3,788	.016	.000	.371	-.10	-.13	-.04
— tmreadinghrs	610	5.71	5.88	6.35	6.04	.208	.040	.024	.098	5.13	5.23	5.61	5.53	17,344	625	904	.439	.003	.160	-.03	-.11	-.06
17 a. pgwrite	609	2.60	2.68	2.76	2.66	.034	.007	.004	.015	.85	.86	.87	.86	17,382	56,116	3,762	.034	.000	.100	-.09	-.18	-.07
b. pgspeak	610	2.47	2.62	2.62	2.54	.036	.007	.004	.016	.89	.88	.92	.88	17,394	56,143	3,760	.000	.000	.094	-.17	-.17	-.07
c. pgthink	612	2.92	3.01	3.03	2.98	.034	.006	.003	.014	.83	.79	.82	.79	651	56,195	839	.007	.000	.075	-.12	-.15	-.08
d. pganalyze	612	2.66	2.62	2.64	2.64	.036	.007	.004	.016	.88	.93	.95	.90	660	626	3,770	.311	.655	.590	.04	.02	.02
e. pgwork	612	2.59	2.60	2.57	2.57	.037	.007	.004	.016	.91	.93	.96	.93	17,402	627	3,774	.744	.623	.591	-.01	.02	.02
f. pgothers	611	2.77	2.82	2.81	2.78	.033	.007	.004	.015	.81	.85	.88	.86	17,370	626	3,767	.155	.151	.767	-.06	-.05	-.01
g. pgvalues	612	2.46	2.64	2.66	2.58	.037	.007	.004	.017	.91	.92	.95	.93	17,383	56,124	3,769	.000	.000	.006	-.20	-.21	-.12
h. pgdiverse	610	2.42	2.74	2.74	2.67	.036	.007	.004	.016	.90	.91	.94	.91	17,365	56,098	3,763	.000	.000	.000	-.35	-.33	-.27
i. pgprobsolve	612	2.47	2.61	2.62	2.53	.036	.007	.004	.016	.88	.90	.93	.90	17,380	627	3,764	.000	.000	.124	-.16	-.16	-.07
j. pgcitizen	610	2.39	2.60	2.60	2.56	.035	.007	.004	.016	.87	.92	.96	.92	660	626	890	.000	.000	.000	-.23	-.23	-.19
18. evalexp	612	2.99	3.16	3.14	3.13	.028	.006	.003	.013	.68	.71	.74	.72	661	627	892	.000	.000	.000	-.25	-.20	-.20
19. sameinst	612	3.17	3.24	3.18	3.21	.029	.006	.003	.014	.73	.77	.80	.79	662	628	910	.015	.651	.159	-.10	-.02	-.06
20. returnexp ^l	612	.903	.887	.879	.881	.0120	.0024	.0014	.0057	--	--	--	--	--	--	--	.212	.062	.119	.05	.08	.07

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of North Dakota

Seniors

Variable Name	N		Mean			Standard error ^h			Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e			
	UND		Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND
														Comparisons with:	Comparisons with:	Comparisons with:						
1 a. askquest	740	2.90	3.05	3.06	2.95	.033	.006	.004	.015	.88	.85	.87	.87	797	58,811	4,030	.000	.000	.145	-.18	-.19	-.06
b. drafts	739	2.40	2.31	2.35	2.26	.037	.007	.004	.017	1.01	.98	1.01	.97	797	58,579	1,064	.013	.193	.001	.10	.05	.14
c. unpreparedr	740	2.97	2.97	2.95	2.90	.030	.006	.003	.014	.81	.81	.82	.80	18,391	58,562	4,021	.944	.534	.038	.00	.02	.08
d. attendart	739	1.61	1.77	1.78	1.88	.029	.007	.004	.016	.78	.90	.89	.90	821	763	4,010	.000	.000	.000	-.18	-.18	-.30
e. CLaskhelp	737	2.43	2.50	2.49	2.52	.035	.007	.004	.016	.95	.90	.92	.90	792	58,317	1,050	.043	.049	.013	-.08	-.07	-.11
f. CLexplain	736	2.67	2.74	2.79	2.77	.034	.006	.004	.015	.91	.86	.87	.84	790	752	1,036	.022	.000	.006	-.09	-.15	-.12
g. CLstudy	730	2.41	2.49	2.51	2.51	.038	.007	.004	.017	1.02	.99	1.00	.98	18,244	57,925	1,049	.035	.004	.016	-.08	-.11	-.10
h. CLproject	733	2.84	2.85	2.89	2.89	.035	.007	.004	.015	.96	.90	.91	.87	786	749	1,017	.714	.140	.189	-.01	-.06	-.06
i. present	731	2.64	2.66	2.71	2.67	.037	.007	.004	.016	1.01	.95	.96	.92	785	747	1,020	.594	.035	.412	-.02	-.08	-.04
2 a. RIntegrate	727	2.93	2.92	2.94	2.94	.031	.006	.003	.014	.83	.81	.83	.80	18,092	57,261	3,940	.858	.618	.755	.01	-.02	-.01
b. RIsocietal	730	2.57	2.72	2.75	2.69	.033	.007	.004	.015	.90	.88	.92	.88	18,039	57,031	3,952	.000	.000	.001	-.17	-.20	-.14
c. RIDiverse	721	2.31	2.57	2.56	2.50	.036	.007	.004	.017	.96	.94	.98	.94	17,960	739	3,920	.000	.000	.000	-.27	-.26	-.21
d. Rlownview	717	2.68	2.79	2.82	2.77	.031	.006	.004	.014	.84	.81	.83	.81	774	56,170	1,039	.000	.000	.006	-.14	-.17	-.12
e. Rlperspect	711	2.75	2.93	2.96	2.89	.031	.006	.003	.014	.84	.79	.81	.79	764	727	1,012	.000	.000	.000	-.23	-.27	-.18
f. Rlnewview	708	2.84	2.90	2.94	2.88	.029	.006	.003	.014	.77	.77	.79	.76	17,579	55,009	3,857	.040	.001	.209	-.08	-.12	-.05
g. Rlconnect	703	3.12	3.16	3.18	3.15	.027	.005	.003	.013	.72	.71	.73	.70	17,464	721	3,829	.103	.019	.299	-.06	-.09	-.04
3 a. SFcareer	704	2.35	2.50	2.43	2.43	.038	.008	.004	.017	1.00	.97	.99	.96	17,488	54,556	3,826	.000	.041	.050	-.15	-.08	-.08
b. SFotherwork	703	1.94	2.04	1.97	2.07	.039	.008	.004	.018	1.03	1.02	1.02	1.02	17,458	54,387	3,816	.008	.429	.002	-.10	-.03	-.13
c. SFdiscuss	698	2.10	2.19	2.17	2.20	.035	.007	.004	.016	.92	.93	.94	.90	17,352	716	3,799	.012	.046	.012	-.10	-.07	-.11
d. SFperform	699	2.06	2.22	2.19	2.13	.034	.007	.004	.016	.90	.90	.92	.88	757	717	3,798	.000	.000	.044	-.19	-.14	-.08
4 a. memorize	692	2.74	2.74	2.75	2.71	.033	.007	.004	.016	.87	.86	.88	.87	17,272	53,722	3,779	.811	.569	.480	-.01	-.02	.03
b. HOapply	692	3.04	3.02	3.06	2.99	.030	.006	.003	.014	.80	.78	.80	.77	747	53,569	1,002	.675	.413	.200	.02	-.03	.06
c. HOanalyze	691	2.95	2.96	3.01	2.92	.032	.006	.004	.015	.84	.81	.83	.81	17,152	53,141	3,749	.737	.037	.430	-.01	-.08	.03
d. HOevaluate	689	2.77	2.84	2.88	2.78	.033	.007	.004	.015	.86	.84	.88	.85	17,094	52,916	3,737	.024	.001	.825	-.09	-.13	-.01
e. HOform	685	2.86	2.87	2.92	2.81	.031	.006	.004	.015	.81	.81	.84	.80	17,046	52,706	3,725	.856	.091	.128	-.01	-.06	.06
5 a. ETgoals	689	3.10	3.09	3.11	3.04	.030	.006	.003	.014	.77	.77	.79	.77	16,956	52,333	1,017	.823	.647	.052	.01	-.02	.08
b. ETorganize	687	3.04	3.03	3.04	2.99	.030	.006	.004	.014	.78	.79	.82	.76	16,947	707	3,702	.845	.929	.157	.01	.00	.06
c. ETexample	686	3.07	3.05	3.08	3.03	.030	.006	.004	.014	.79	.80	.83	.78	16,919	52,133	3,704	.413	.860	.145	.03	-.01	.06
d. ETdraftfb	685	2.64	2.70	2.71	2.61	.036	.007	.004	.017	.93	.94	.97	.91	16,909	52,058	3,693	.089	.053	.437	-.07	-.07	.03
e. ETfeedback	683	2.67	2.75	2.76	2.69	.034	.007	.004	.016	.88	.88	.91	.86	16,865	51,898	3,682	.015	.008	.574	-.10	-.10	-.02

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g University of North Dakota

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	UND	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND
	<i>Comparisons with:</i>																					
6 a. QRconclude	683	2.67	2.60	2.65	2.65	.034	.007	.004	.016	.89	.89	.92	.88	16,766	51,468	3,655	.029	.575	.500	.09	.02	.03
b. QRproblem	681	2.43	2.38	2.40	2.39	.037	.007	.004	.017	.97	.93	.96	.93	733	51,183	984	.170	.384	.261	.06	.03	.05
c. QRevaluate	679	2.43	2.39	2.42	2.48	.034	.007	.004	.016	.90	.89	.92	.87	16,675	51,042	3,629	.258	.789	.222	.04	.01	-.05
7 a. wrshortnum	675	6.68	7.21	7.37	7.66	.254	.051	.029	.121	6.61	6.46	6.49	6.58	16,655	50,899	3,635	.037	.006	.000	-.08	-.11	-.15
b. wrmednum	674	3.17	3.09	3.38	3.32	.158	.032	.019	.076	4.11	4.06	4.27	4.15	16,615	50,724	3,619	.595	.206	.384	.02	-.05	-.04
c. wrlongnum	671	1.79	1.64	1.86	1.73	.134	.026	.016	.059	3.47	3.30	3.60	3.21	16,615	50,783	3,616	.246	.622	.689	.05	-.02	.02
— wrpages	667	71.60	70.63	76.60	75.60	3.468	.691	.414	1.592	89.60	87.03	92.38	86.26	16,527	50,386	3,601	.777	.165	.284	.01	-.05	-.05
8 a. DDrace	675	2.65	2.93	3.06	2.84	.036	.007	.004	.016	.93	.91	.92	.89	729	692	975	.000	.000	.000	-.30	-.44	-.21
b. DDeconomic	675	2.76	2.98	3.06	2.96	.034	.007	.004	.015	.89	.85	.88	.82	727	692	951	.000	.000	.000	-.25	-.34	-.25
c. DDreligion	676	2.75	2.95	2.97	2.95	.036	.007	.004	.016	.92	.89	.94	.87	729	50,653	967	.000	.000	.000	-.22	-.23	-.23
d. DDpolitical	674	2.84	2.96	2.93	2.97	.035	.007	.004	.016	.90	.89	.93	.86	16,599	50,651	973	.000	.009	.001	-.14	-.10	-.15
9 a. LSreading	673	2.95	3.01	3.06	2.99	.031	.006	.004	.015	.80	.79	.80	.79	16,556	50,399	3,601	.028	.000	.193	-.09	-.15	-.06
b. LSnotes	673	2.72	2.73	2.80	2.64	.036	.007	.004	.017	.94	.93	.93	.91	16,525	50,376	3,601	.737	.017	.061	-.01	-.09	.08
c. LSsummary	675	2.70	2.75	2.78	2.67	.034	.007	.004	.016	.89	.88	.90	.86	16,520	50,347	3,602	.233	.024	.322	-.05	-.09	.04
10. challenge	672	5.49	5.41	5.48	5.33	.047	.010	.006	.024	1.23	1.29	1.33	1.27	16,454	693	3,580	.088	.841	.002	.07	.01	.13
11 a. intern ^l	672	.492	.516	.504	.540	.0193	.0040	.0022	.0092	--	--	--	--	--	--	--	.210	.517	.025	-.05	-.03	-.10
b. leader ^l	671	.351	.399	.366	.432	.0184	.0039	.0022	.0092	--	--	--	--	--	--	--	.014	.421	.000	-.10	-.03	-.17
c. learncom ^l	670	.220	.240	.240	.244	.0160	.0034	.0019	.0080	--	--	--	--	--	--	--	.238	.210	.180	-.05	-.05	-.06
d. abroad ^l	672	.078	.143	.147	.164	.0103	.0028	.0016	.0069	--	--	--	--	--	--	--	.000	.000	.000	-.21	-.22	-.27
e. research ^l	670	.227	.218	.231	.261	.0162	.0033	.0019	.0082	--	--	--	--	--	--	--	.564	.833	.068	.02	-.01	-.08
f. capstone ^l	671	.520	.446	.445	.502	.0193	.0040	.0022	.0093	--	--	--	--	--	--	--	.000	.000	.407	.15	.15	.04
12. servcourse	669	1.71	1.79	1.73	1.72	.027	.006	.003	.013	.71	.71	.71	.68	16,350	49,747	3,555	.010	.694	.922	-.10	-.02	.00
13 a. QIstudent	631	5.56	5.60	5.52	5.53	.052	.010	.006	.023	1.31	1.28	1.34	1.23	16,042	647	3,474	.461	.402	.535	-.03	.03	.03
b. QIadvisor	664	5.14	5.32	5.05	5.22	.070	.014	.008	.031	1.81	1.69	1.82	1.68	713	48,974	945	.010	.245	.306	-.11	.05	-.05
c. QIfaculty	664	5.29	5.46	5.41	5.41	.054	.011	.006	.024	1.40	1.32	1.41	1.31	16,250	49,316	3,529	.001	.026	.033	-.13	-.09	-.09
d. QIstaff	558	4.99	5.07	4.84	5.01	.069	.014	.009	.032	1.63	1.59	1.73	1.57	13,523	575	3,001	.298	.024	.847	-.05	.09	-.01
e. QIadmin	612	4.94	5.12	4.84	4.92	.069	.013	.008	.031	1.70	1.57	1.72	1.60	655	46,224	870	.008	.168	.833	-.12	.06	.01
14 a. empstudy	668	2.97	3.03	3.08	2.97	.030	.006	.004	.014	.78	.75	.78	.75	16,307	49,419	3,547	.063	.000	.961	-.07	-.14	.00
b. SEacademic	666	2.72	2.90	2.89	2.85	.033	.007	.004	.015	.86	.82	.85	.81	716	683	952	.000	.000	.000	-.22	-.21	-.16
c. SElearnsup	667	2.55	2.79	2.83	2.77	.034	.007	.004	.016	.88	.91	.93	.88	16,278	49,345	3,540	.000	.000	.000	-.26	-.30	-.25

NSSE 2019 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of North Dakota

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	UND		Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND	Plains Public	Carnegie Class	One UND
														Comparisons with:	Comparisons with:	Comparisons with:						
d. SEdiverse	667	2.31	2.58	2.56	2.47	.035	.008	.004	.017	.91	.94	.99	.93	728	688	3,538	.000	.000	.000	-.29	-.25	-.16
e. SESocial	666	2.67	2.83	2.80	2.77	.033	.007	.004	.016	.86	.87	.92	.85	16,228	49,201	3,534	.000	.000	.006	-.19	-.15	-.12
f. SEwellness	665	2.72	2.76	2.70	2.80	.034	.007	.004	.017	.88	.92	.96	.89	16,209	686	3,526	.215	.630	.027	-.05	.02	-.10
g. SEonacad	666	1.96	2.07	2.03	2.02	.035	.008	.004	.017	.90	.94	.97	.88	16,208	686	3,521	.003	.062	.145	-.12	-.07	-.06
h. SEactivities	665	2.56	2.59	2.56	2.67	.035	.008	.004	.017	.90	.94	.97	.89	16,206	685	3,519	.286	.801	.003	-.04	-.01	-.13
i. SEevents	665	2.14	2.33	2.31	2.33	.034	.007	.004	.016	.88	.91	.95	.86	727	686	3,520	.000	.000	.000	-.21	-.18	-.21
15 a. tmprephrs	665	15.57	14.42	15.04	15.51	.350	.069	.040	.168	9.03	8.62	8.86	8.94	716	48,930	3,504	.001	.122	.861	.13	.06	.01
b. tmcocurrhrs	661	4.38	5.34	4.86	5.45	.258	.058	.032	.129	6.64	7.17	6.96	6.89	727	680	1,016	.000	.065	.000	-.14	-.07	-.16
c. tmworkonhrs	663	4.06	4.07	3.98	5.07	.312	.060	.034	.154	8.03	7.46	7.49	8.22	16,149	48,870	1,011	.963	.788	.004	.00	.01	-.12
d. tmworkoffhrs	665	14.05	13.44	12.80	9.77	.521	.103	.060	.221	13.43	12.76	13.11	11.76	716	681	916	.247	.017	.000	.05	.10	.35
— tmworkhrs	663	18.12	17.49	16.75	14.81	.521	.103	.060	.235	13.42	12.73	13.16	12.51	714	48,707	950	.236	.008	.000	.05	.10	.26
e. tmservicehrs	663	3.09	3.08	3.18	2.48	.212	.042	.025	.083	5.47	5.24	5.49	4.42	16,155	48,871	874	.985	.662	.008	.00	-.02	.13
f. tmrelaxhrs	662	11.15	11.51	10.92	11.53	.325	.066	.037	.150	8.36	8.17	8.22	7.98	16,147	48,829	963	.263	.482	.288	-.04	.03	-.05
g. tmcarehrs	662	5.60	4.95	5.53	3.36	.417	.082	.048	.164	10.73	10.26	10.58	8.73	713	48,768	875	.129	.876	.000	.06	.01	.25
h. tmcommutehrs	663	4.11	4.71	5.35	4.26	.221	.045	.029	.091	5.68	5.66	6.32	4.85	719	685	3,500	.008	.000	.484	-.11	-.20	-.03
16. reading	657	2.67	2.69	2.73	2.60	.046	.009	.005	.022	1.18	1.17	1.18	1.19	16,127	48,791	3,491	.573	.145	.178	-.02	-.06	.06
— tmreadinghrs	657	6.87	6.46	6.86	6.40	.241	.048	.028	.110	6.17	5.96	6.23	5.86	16,073	48,587	950	.088	.977	.081	.07	.00	.08
17 a. pgwrite	660	2.77	2.92	2.95	2.87	.034	.007	.004	.016	.86	.87	.91	.88	16,104	48,619	3,492	.000	.000	.008	-.18	-.20	-.12
b. pgspeak	661	2.70	2.85	2.88	2.77	.035	.007	.004	.017	.90	.91	.94	.90	16,116	48,694	3,495	.000	.000	.108	-.16	-.18	-.07
c. pgthink	659	3.20	3.25	3.27	3.23	.030	.006	.004	.015	.78	.77	.80	.77	16,129	678	3,490	.101	.024	.406	-.07	-.09	-.04
d. pganalyze	662	2.90	2.83	2.87	2.87	.035	.008	.004	.018	.91	.95	.98	.94	724	682	3,497	.091	.536	.574	.06	.02	.02
e. pgwork	660	2.92	2.96	2.91	2.84	.037	.007	.004	.018	.94	.92	.97	.93	16,114	48,688	3,491	.254	.693	.033	-.05	.02	.09
f. pgothers	659	2.91	3.03	3.02	2.95	.035	.007	.004	.016	.91	.86	.89	.86	709	48,673	3,492	.001	.002	.349	-.14	-.12	-.04
g. pgvalues	658	2.65	2.79	2.78	2.67	.039	.008	.005	.018	1.01	.96	1.00	.98	710	48,675	3,484	.000	.001	.532	-.15	-.14	-.03
h. pgdiverse	659	2.51	2.82	2.79	2.68	.038	.008	.005	.018	.98	.94	.99	.94	711	48,671	956	.000	.000	.000	-.33	-.28	-.17
i. pgprobsolve	660	2.76	2.81	2.81	2.73	.036	.007	.004	.017	.93	.92	.96	.90	16,126	48,644	3,489	.228	.205	.429	-.05	-.05	.03
j. pgcitizen	658	2.46	2.66	2.65	2.54	.038	.008	.005	.018	.98	.97	1.01	.95	16,129	48,720	3,491	.000	.000	.067	-.21	-.18	-.08
18. evalexp	661	3.07	3.22	3.19	3.18	.029	.006	.004	.014	.74	.74	.78	.75	718	680	1,000	.000	.000	.000	-.21	-.16	-.15
19. sameinst	664	3.08	3.22	3.17	3.19	.032	.007	.004	.015	.82	.82	.86	.81	720	683	3,513	.000	.005	.002	-.17	-.10	-.13

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 Ns 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."