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# NSSE 2017

## Frequencies and Statistical Comparisons

University of North Dakota

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# NSSE 2017 Frequencies and Statistical Comparisons

## About This Report

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

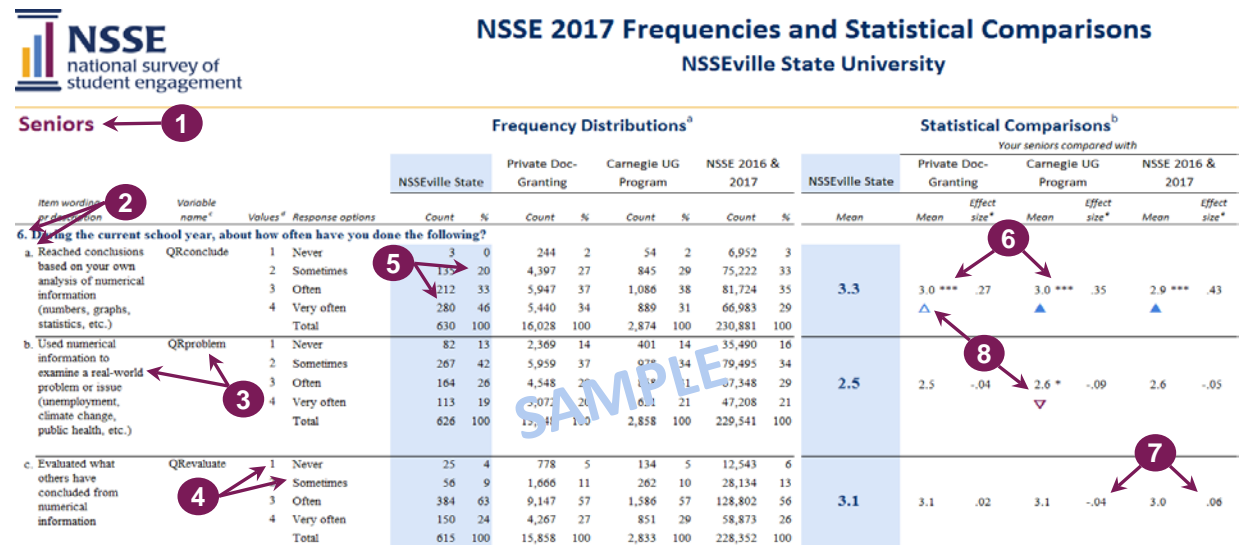
- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument.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

- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.

- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

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

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



Item wording or question	Variable name <sup>f</sup>	Values <sup>g</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup> <i>Your seniors compared with</i>											
				NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017	NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017								
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>h</sup>	Mean	Effect size <sup>h</sup>	Mean	Effect size <sup>h</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1 2 3 4	Never Sometimes Often Very often	3 135 212 280	0 20 33 46	244 4,397 5,440 889	2 27 34 31	54 845 1,086 66,983	2 29 38 29	6,952 75,222 81,724 66,983	3 33 35 29	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 2 3 4	Never Sometimes Often Very often	82 267 164 113	13 42 26 19	2,369 5,959 4,548 2,072	14 34 1 21	401 978 1 47,208	14 34 1 21	35,490 79,495 67,348 47,208	16 34 29 21	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information	QRrevaluate	1 2 3 4	Never Sometimes Often Very often	25 56 384 150	4 9 63 24	778 1,666 9,147 4,267	5 11 57 27	134 262 1,586 851	5 10 57 29	12,543 28,134 128,802 58,873	6 13 56 26	3.1	3.1	.02	3.1	-.04	3.0	.06	
			Total	630 280 626 615	100 100 100 100	16,028 5,440 15,858	100 100 100	2,874 889 2,833	100 100 100	230,881 66,983 229,541 228,352	100 100 100								

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

- 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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	13	2	478	4	1,384	4	8,202	4	<b>2.7</b>	2.7	-.06	2.7	-.07	2.8 ***	-.17
		2	Sometimes	276	43	5,409	40	13,284	39	90,029	36							
		3	Often	235	38	4,922	36	11,584	35	91,815	35							
		4	Very often	103	17	2,786	21	7,289	22	66,179	26							
		Total		627	100	13,595	100	33,541	100	256,225	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	95	15	2,516	19	6,369	19	42,144	17	<b>2.6</b>	2.4 ***	.18	2.4 ***	.18	2.5 **	.11
		2	Sometimes	203	33	4,951	36	11,937	36	90,079	35							
		3	Often	186	31	3,914	29	9,518	29	75,611	30							
		4	Very often	137	21	2,086	16	5,430	16	46,524	18							
		Total		621	100	13,467	100	33,254	100	254,358	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	27	4	650	5	1,667	5	11,952	5	<b>3.0</b>	3.0	-.04	3.0	-.03	3.0 *	-.09
		2	Often	85	13	1,763	14	4,574	14	31,644	13							
		3	Sometimes	383	63	7,725	57	18,992	57	143,544	56							
		4	Never	128	20	3,303	25	7,951	24	66,903	27							
		Total		623	100	13,441	100	33,184	100	254,043	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	235	39	4,732	37	12,138	38	90,947	39	<b>1.9</b>	1.9 *	-.10	1.9 *	-.08	1.9 *	-.08
		2	Sometimes	263	41	5,361	39	12,987	38	98,538	38							
		3	Often	96	15	2,220	16	5,447	16	42,222	15							
		4	Very often	28	4	1,087	8	2,529	8	21,707	8							
		Total		622	100	13,400	100	33,101	100	253,414	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	26	5	975	9	2,332	8	21,351	10	<b>2.8</b>	2.6 ***	.19	2.7 ***	.14	2.6 ***	.22
		2	Sometimes	197	32	4,999	38	11,609	36	92,598	37							
		3	Often	270	43	4,976	36	12,542	37	92,285	35							
		4	Very often	126	21	2,448	18	6,576	19	46,847	17							
		Total		619	100	13,398	100	33,059	100	253,081	100							
f. Explained course material to one or more students	CLexplain	1	Never	23	4	589	5	1,277	4	12,686	6	<b>2.8</b>	2.7 ***	.17	2.8 *	.10	2.7 ***	.17
		2	Sometimes	187	29	4,953	37	11,494	35	91,014	36							
		3	Often	280	45	5,482	40	13,801	41	102,156	39							
		4	Very often	129	21	2,353	17	6,419	19	46,665	18							
		Total		619	100	13,377	100	32,991	100	252,521	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	65	11	1,799	15	3,982	13	34,195	16	<b>2.7</b>	2.5 ***	.17	2.6 *	.09	2.5 ***	.16
		2	Sometimes	199	31	4,793	36	11,179	34	86,596	35							
		3	Often	229	38	4,277	31	11,011	33	82,032	31							
		4	Very often	125	21	2,472	18	6,688	20	48,903	19							
		Total		618	100	13,341	100	32,860	100	251,726	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	33	6	920	8	2,172	7	18,929	9	<b>2.7</b>	2.6 *	.10	2.7	.04	2.6 *	.09
		2	Sometimes	221	35	5,186	39	12,359	38	93,315	37							
		3	Often	261	43	4,936	37	12,247	37	93,521	36							
		4	Very often	101	16	2,235	16	5,973	18	45,079	17							
		Total		616	100	13,277	100	32,751	100	250,844	100							
i. Given a course presentation	present	1	Never	161	27	2,734	21	6,858	21	45,150	19	<b>2.1</b>	2.2 ***	-.17	2.2 ***	-.17	2.3 ***	-.24
		2	Sometimes	281	44	6,094	46	15,186	46	111,367	44							
		3	Often	145	23	3,293	25	7,744	24	66,875	26							
		4	Very often	30	5	1,168	9	2,949	9	27,379	11							
		Total		617	100	13,289	100	32,737	100	250,771	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	54	9	986	8	2,408	8	19,445	9	<b>2.5</b>	2.6 **	-.10	2.6 **	-.12	2.6 **	-.11
		2	Sometimes	265	43	5,317	41	12,934	40	98,491	40							
		3	Often	243	39	4,875	37	12,289	38	92,916	37							
		4	Very often	54	9	1,860	14	4,623	14	36,453	15							
		Total		616	100	13,038	100	32,254	100	247,305	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	58	10	1,251	11	2,997	10	21,692	10	<b>2.4</b>	2.5 ***	-.13	2.6 ***	-.20	2.6 ***	-.22
		2	Sometimes	298	49	5,483	42	12,754	40	95,107	39							
		3	Often	215	34	4,520	34	11,544	36	90,069	36							
		4	Very often	43	7	1,701	13	4,772	15	39,246	16							
		Total		614	100	12,955	100	32,067	100	246,114	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	88	15	1,507	12	3,461	11	23,911	11	<b>2.3</b>	2.5 **	-.13	2.5 ***	-.23	2.6 ***	-.24
		2	Sometimes	267	44	5,447	42	12,326	38	93,476	38							
		3	Often	204	33	4,204	32	11,084	35	86,079	34							
		4	Very often	54	9	1,753	13	5,046	16	41,580	17							
		Total		613	100	12,911	100	31,917	100	245,046	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	41	7	741	6	1,583	5	11,291	5	<b>2.6</b>	2.7	-.07	2.8 ***	-.16	2.8 ***	-.18
		2	Sometimes	219	34	4,584	35	10,244	32	78,143	32							
		3	Often	284	48	5,567	43	14,451	46	109,879	45							
		4	Very often	67	11	1,971	15	5,471	18	44,552	19							
		Total		611	100	12,863	100	31,749	100	243,865	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	33	6	461	4	1,016	4	7,153	3	<b>2.7</b>	2.8 **	-.13	2.9 ***	-.22	2.9 ***	-.23
		2	Sometimes	193	31	3,944	31	8,678	28	66,650	28							
		3	Often	293	48	5,744	44	14,608	46	111,556	45							
		4	Very often	91	15	2,673	21	7,234	23	57,038	24							
		Total		610	100	12,822	100	31,536	100	242,397	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	20	4	419	4	894	3	6,660	3	<b>2.7</b>	2.8 *	-.09	2.8 ***	-.18	2.8 ***	-.20
		2	Sometimes	216	36	4,258	35	9,486	31	71,927	31							
		3	Often	289	47	5,707	44	14,269	45	110,233	45							
		4	Very often	79	13	2,360	18	6,659	21	52,091	21							
		Total		604	100	12,744	100	31,308	100	240,911	100							
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	11	2	174	2	408	1	3,125	2	<b>2.9</b>	3.0 *	-.09	3.0 ***	-.14	3.0 ***	-.15
		2	Sometimes	138	23	3,014	24	6,676	22	50,713	22							
		3	Often	349	57	6,248	49	15,518	49	120,160	49							
		4	Very often	107	18	3,233	25	8,524	27	65,614	27							
		Total		605	100	12,669	100	31,126	100	239,612	100							
<b>3. During the current school year, about how often have you done the following?</b>																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	89	15	2,240	19	7,062	22	48,664	22	<b>2.3</b>	2.3	.03	2.2 *	.09	2.2	.06
		2	Sometimes	308	50	5,928	46	13,804	44	105,780	44							
		3	Often	146	25	3,104	24	6,848	22	56,629	23							
		4	Very often	62	10	1,413	11	3,420	11	28,697	12							
		Total		605	100	12,685	100	31,134	100	239,770	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	295	46	5,733	46	15,426	49	113,747	49	<b>1.8</b>	1.8	-.03	1.8	.02	1.8	.01
		2	Sometimes	203	35	4,415	34	9,784	32	76,804	31							
		3	Often	77	14	1,752	14	4,067	13	33,493	14							
		4	Very often	30	5	741	6	1,763	6	15,026	6							
		Total		605	100	12,641	100	31,040	100	239,070	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	202	32	4,207	34	10,478	33	74,641	33	<b>1.9</b>	1.9	-.05	2.0	-.07	2.0 *	-.09
		2	Sometimes	286	48	5,550	43	13,196	43	102,512	42							
		3	Often	92	16	2,117	17	5,364	18	44,206	18							
		4	Very often	21	4	725	6	1,867	6	16,705	7							
		Total		601	100	12,599	100	30,905	100	238,064	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	173	28	3,114	25	8,427	26	57,138	25	<b>2.0</b>	2.1 **	-.12	2.1 **	-.11	2.1 ***	-.15
		2	Sometimes	295	49	6,110	48	14,302	47	110,592	46							
		3	Often	109	19	2,522	20	6,096	20	51,100	21							
		4	Very often	21	4	852	7	2,046	7	19,042	8							
		Total		598	100	12,598	100	30,871	100	237,872	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	14	2	384	3	1,001	3	8,880	4	<b>3.0</b>	2.9 ***	.14	2.9 **	.11	2.9 ***	.15
		2	Some	122	21	3,247	26	7,637	25	61,808	26							
		3	Quite a bit	289	49	5,951	47	14,377	47	108,977	46							
		4	Very much	171	28	3,057	24	7,798	25	57,960	24							
		Total		596	100	12,639	100	30,813	100	237,625	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	15	2	405	4	932	3	7,949	4	<b>2.9</b>	2.9	.00	2.9	-.08	2.9	-.05
		2	Some	160	27	3,366	27	7,185	24	58,268	25							
		3	Quite a bit	298	51	5,939	46	14,683	48	112,423	47							
		4	Very much	125	20	2,883	23	7,926	25	58,231	24							
		Total		598	100	12,593	100	30,726	100	236,871	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	19	3	478	4	1,051	4	8,288	4	<b>2.8</b>	2.8	-.05	2.9 ***	-.16	2.9 ***	-.15
		2	Some	188	33	3,747	30	7,886	26	61,124	26							
		3	Quite a bit	280	46	5,622	44	13,987	46	106,562	45							
		4	Very much	109	18	2,694	22	7,647	25	59,815	25							
		Total		596	100	12,541	100	30,571	100	235,789	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	32	6	614	5	1,320	4	9,056	4	<b>2.7</b>	2.8 *	-.11	2.9 ***	-.22	2.9 ***	-.25
		2	Some	211	36	3,990	32	8,534	28	62,474	27							
		3	Quite a bit	260	43	5,576	44	13,818	46	107,900	45							
		4	Very much	91	15	2,345	19	6,856	22	56,066	24							
		Total		594	100	12,525	100	30,528	100	235,496	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	34	6	600	5	1,335	5	9,424	4	<b>2.7</b>	2.8 **	-0.12	2.8 ***	-0.22	2.9 ***	-0.24
		2	Some	202	34	3,982	32	8,536	28	63,916	28							
		3	Quite a bit	280	47	5,529	44	13,816	45	107,478	45							
		4	Very much	79	13	2,393	19	6,794	22	54,329	23							
		Total		595	100	12,504	100	30,481	100	235,147	100							
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	16	2	259	2	643	2	4,584	2	<b>3.0</b>	3.0 *	-0.09	3.0 **	-0.11	3.1 ***	-0.15
		2	Some	131	22	2,609	21	6,283	21	46,078	20							
		3	Quite a bit	316	53	6,013	47	14,617	48	110,934	46							
		4	Very much	133	23	3,655	29	8,930	29	73,591	32							
		Total		596	100	12,536	100	30,473	100	235,187	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	10	2	376	3	956	3	6,978	3	<b>3.0</b>	3.0	-0.04	3.0	-0.05	3.0 *	-0.09
		2	Some	145	25	2,607	21	6,426	21	47,989	21							
		3	Quite a bit	308	50	6,219	49	14,731	48	111,217	47							
		4	Very much	133	23	3,314	26	8,325	27	68,703	29							
		Total		596	100	12,516	100	30,438	100	234,887	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	26	4	343	3	995	4	7,298	4	<b>2.9</b>	3.0 **	-0.12	3.0 **	-0.13	3.0 ***	-0.15
		2	Some	134	23	2,810	23	6,683	22	50,180	22							
		3	Quite a bit	307	51	5,636	44	13,482	44	103,212	43							
		4	Very much	126	22	3,700	29	9,212	30	73,852	31							
		Total		593	100	12,489	100	30,372	100	234,542	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	52	8	1,115	9	2,747	9	17,170	8	<b>2.7</b>	2.7	-0.04	2.7	-0.08	2.8 ***	-0.16
		2	Some	201	34	4,026	32	9,654	31	66,746	29							
		3	Quite a bit	239	41	4,591	36	11,111	37	89,155	37							
		4	Very much	101	18	2,769	22	6,848	23	61,398	26							
		Total		593	100	12,501	100	30,360	100	234,469	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	68	10	1,208	10	3,033	10	18,908	8	<b>2.6</b>	2.7 *	-0.09	2.7 *	-0.09	2.7 ***	-0.18
		2	Some	215	35	4,258	34	10,397	34	73,650	31							
		3	Quite a bit	241	42	4,680	37	11,400	38	90,730	38							
		4	Very much	69	13	2,314	19	5,467	19	50,588	22							
		Total		593	100	12,460	100	30,297	100	233,876	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	51	8	1,358	10	3,254	10	27,243	11	<b>2.6</b>	2.6	.04	2.6	.01	2.6		.03
		2	Sometimes	231	38	4,854	38	11,064	36	86,438	36								
		3	Often	243	42	4,495	37	11,374	38	86,031	37								
		4	Very often	69	13	1,778	15	4,618	16	34,247	15								
		Total		594	100	12,485	100	30,310	100	233,959	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	115	18	2,614	20	6,486	21	49,185	21	<b>2.2</b>	2.3	-.06	2.3	-.07	2.3 *	▽	-.08
		2	Sometimes	290	48	5,321	42	12,437	41	95,928	41								
		3	Often	148	26	3,312	27	8,351	28	64,564	28								
		4	Very often	39	7	1,228	10	2,993	10	24,069	11								
		Total		592	100	12,475	100	30,267	100	233,746	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	98	15	2,324	18	5,586	18	45,320	19	<b>2.3</b>	2.3	.00	2.3	-.02	2.3		-.01
		2	Sometimes	287	47	5,600	45	13,158	43	100,639	43								
		3	Often	178	31	3,468	28	8,829	29	66,712	29								
		4	Very often	31	6	1,070	9	2,714	9	21,151	9								
		Total		594	100	12,462	100	30,287	100	233,822	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	28	5	733	7	1,584	6	11,034	6	<b>7.3</b>	6.4 ***	.16	6.5 **	.13	6.6 **	△	.11
		1.5	1-2	98	17	2,606	22	5,312	19	40,840	20								
		4	3-5	162	28	3,563	31	8,907	33	68,424	32								
		8	6-10	152	27	2,528	22	6,459	23	52,003	24								
		13	11-15	62	11	1,087	9	2,696	10	21,890	10								
		18	16-20	35	6	452	4	1,220	4	9,719	4								
		23	More than 20	30	5	521	5	1,309	5	10,347	5								
Total		567	100	11,490	100	27,487	100	214,257	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	112	22	4,551	41	9,483	35	71,762	35	<b>3.6</b>	2.0 ***	.54	2.2 ***	.46	2.2 ***	▲	.42
		1.5	1-2	150	26	4,237	37	10,727	39	83,191	38								
		4	3-5	195	35	1,628	15	4,648	17	37,994	17								
		8	6-10	69	12	620	6	1,664	6	13,653	7								
		13	11-15	28	5	126	1	429	2	3,256	2								
		18	16-20	7	1	49	0	119	0	985	1								
		23	More than 20	2	0	46	0	121	0	1,058	1								
Total		563	100	11,257	100	27,191	100	211,899	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	404	71	8,934	80	20,650	76	160,669	76	<b>1.1</b>	.8 **	.13	.8 *	.12	.9	.08	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	117	20	1,542	14	4,574	17	35,387	16								
		4	3-5	13	2	292	3	922	3	6,900	3								
		8	6-10	17	4	203	2	511	2	4,039	2								
		13	11-15	9	2	83	1	235	1	1,981	1								
		18	16-20	3	0	31	0	73	0	692	0								
		23	More than 20	1	0	60	1	106	0	998	1								
		Total			564	100	11,145	100	27,071	100	210,666	100							
Estimated number of assigned pages of student writing.	wrpages											<b>66.6</b>	45.0 ***	.34	48.5 ***	.28	50.2 ***	.24	
			(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	44	8	653	6	1,223	5	9,771	5	<b>2.6</b>	2.9 ***	-.26	3.0 ***	-.45	3.0 ***	-.46	
		2	Sometimes	227	40	3,644	32	7,159	25	52,467	24								
		3	Often	186	33	3,758	32	9,006	33	69,568	32								
		4	Very often	106	18	3,460	30	10,019	37	81,981	38								
			Total	563	100	11,515	100	27,407	100	213,787	100								
b. People from an economic background other than your own	DDeconomic	1	Never	22	4	555	5	1,086	4	9,141	5	<b>2.8</b>	2.9 ***	-.14	3.0 ***	-.27	3.0 ***	-.26	
		2	Sometimes	187	33	3,076	28	6,616	24	50,138	24								
		3	Often	239	43	4,436	38	10,279	37	78,935	37								
		4	Very often	114	20	3,416	29	9,334	34	74,961	35								
			Total	562	100	11,483	100	27,315	100	213,175	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	42	8	657	6	2,250	7	14,544	7	<b>2.7</b>	2.9 ***	-.22	2.9 ***	-.22	2.9 ***	-.23	
		2	Sometimes	190	34	3,035	27	7,429	27	56,534	26								
		3	Often	209	37	3,995	34	8,746	33	69,260	32								
		4	Very often	118	21	3,796	32	8,877	33	72,823	34								
			Total	559	100	11,483	100	27,302	100	213,161	100								
d. People with political views other than your own	DDpolitical	1	Never	14	3	559	6	1,408	5	12,298	6	<b>3.0</b>	3.0	.00	3.0	.00	3.0	.03	
		2	Sometimes	155	28	2,867	25	7,291	26	57,172	27								
		3	Often	219	39	4,110	35	9,338	34	70,938	33								
		4	Very often	173	31	3,923	34	9,267	34	72,604	34								
			Total	561	100	11,459	100	27,304	100	213,012	100								

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

# NSSE 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	15	3	215	2	451	2	3,310	2	<b>2.8</b>	2.9 **	-0.14	3.0 ***	-0.23	3.0 ***	-0.26	
		2	Sometimes	158	29	2,830	26	5,935	22	43,756	21								
		3	Often	279	50	5,466	47	13,121	48	102,264	48								
		4	Very often	106	19	2,922	25	7,629	28	62,563	29								
		Total		558	100	11,433	100	27,136	100	211,893	100								
b. Reviewed your notes after class	LSnotes	1	Never	30	5	677	6	1,286	5	9,787	5	<b>2.8</b>	2.8	.00	2.9	-0.08	2.9 **	-0.11	
		2	Sometimes	183	34	3,668	33	8,504	31	62,879	30								
		3	Often	207	37	4,030	35	9,806	36	76,159	36								
		4	Very often	138	24	3,043	26	7,539	28	62,981	29								
		Total		558	100	11,418	100	27,135	100	211,806	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	38	7	761	7	1,729	6	12,403	6	<b>2.7</b>	2.7 *	-0.08	2.8 ***	-0.14	2.8 ***	-0.18	
		2	Sometimes	201	37	3,883	35	8,761	32	65,624	31								
		3	Often	230	41	4,292	38	10,521	39	82,403	39								
		4	Very often	88	15	2,426	21	6,019	22	50,479	24								
		Total		557	100	11,362	100	27,030	100	210,909	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	7	2	57	1	166	1	1,598	1	<b>5.2</b>	5.4 ***	-0.15	5.4 ***	-0.17	5.4 ***	-0.17	
		2		4	1	123	1	301	1	2,362	1								
		3		32	6	414	4	1,110	4	8,535	4								
		4		71	14	1,187	11	2,966	12	23,637	12								
		5		195	34	4,091	35	8,987	33	69,810	33								
		6		160	28	3,371	29	7,492	27	57,508	26								
		7	Very much	91	16	2,145	19	5,979	22	47,458	23								
		Total		560	100	11,388	100	27,001	100	210,908	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		72	13	1,256	12	2,916	11	24,048	13	<b>6%</b>	7%	-0.07	8%	-0.08	8% *	-0.09	
		Do not plan to do		39	7	477	5	1,016	4	9,722	5								
		Plan to do		418	74	8,847	76	21,017	77	160,305	74								
		Done or in progress		31	6	788	7	1,999	8	16,449	8								
		Total		560	100	11,368	100	26,948	100	210,524	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND				NSSE 2016 & 2017				UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	154	27	3,010	26	7,089	26	56,013	27	<b>9%</b>	13% **	-0.12	11%	-0.07	11%	-0.07
			Do not plan to do	146	26	2,429	23	5,573	21	46,151	23							
			Plan to do	210	38	4,482	38	11,170	41	83,979	38							
			Done or in progress	49	9	1,409	13	3,019	11	23,817	11							
			Total	559	100	11,330	100	26,851	100	209,960	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	171	29	3,445	30	8,114	29	68,343	32	<b>12%</b>	18% ***	-0.16	17% **	-0.15	14%	-0.05
			Do not plan to do	179	32	3,298	29	7,373	28	54,532	27							
			Plan to do	145	27	2,708	24	7,043	26	58,526	27							
			Done or in progress	62	12	1,838	18	4,237	17	27,812	14							
			Total	557	100	11,289	100	26,767	100	209,213	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	174	31	3,361	30	7,105	27	56,514	28	<b>2%</b>	3% *	-0.11	3% *	-0.10	3% *	-0.10
			Do not plan to do	207	37	3,336	31	6,729	26	54,441	28							
			Plan to do	168	30	4,271	36	12,183	43	92,139	41							
			Done or in progress	7	2	326	3	779	3	6,323	3							
			Total	556	100	11,294	100	26,796	100	209,417	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	220	40	4,406	39	9,846	37	78,683	38	<b>2%</b>	5% **	-0.16	5% **	-0.14	5% **	-0.14
			Do not plan to do	185	33	2,911	26	5,746	22	47,822	23							
			Plan to do	143	25	3,428	30	9,910	36	72,821	34							
			Done or in progress	11	2	527	5	1,261	5	9,700	5							
			Total	559	100	11,272	100	26,763	100	209,026	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	141	25	3,900	35	8,653	33	66,022	33	<b>1%</b>	2%	-0.09	2%	-0.10	2% *	-0.11
			Do not plan to do	51	10	1,310	13	2,570	10	20,757	11							
			Plan to do	363	65	5,855	51	15,033	55	118,031	54							
			Done or in progress	3	1	202	2	480	2	4,101	2							
			Total	558	100	11,267	100	26,736	100	208,911	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 Plus	Carnegie Class	NSSE 2016 & 2017
None	248	45	5,129	46	13,277	50	98,052	48	<b>1.7</b>
Some	262	46	5,214	46	11,293	42	91,351	43	
Most	36	7	795	7	1,793	7	15,740	8	
All	9	2	134	1	311	1	3,284	2	
Total	555	100	11,272	100	26,674	100	208,427	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																		
a. Students	QIstudent	1	Poor	3	1	131	1	370	2	3,276	2	<b>5.4</b>	5.5	-.07	5.4	-.02	5.4	-.02
		2		16	3	189	2	541	2	4,194	2							
		3		20	4	508	5	1,380	5	10,703	5							
		4		57	11	1,240	11	3,178	12	25,322	12							
		5		190	34	2,988	26	7,120	27	54,432	26							
		6		156	28	3,271	28	7,211	27	55,028	26							
		7	Excellent	113	20	2,873	25	6,759	25	53,932	25							
		—	Not applicable	2	0	92	1	163	1	2,005	1							
			Total	557	100	11,292	100	26,722	100	208,892	100							
b. Academic advisors	QIadvisor	1	Poor	14	2	326	3	972	4	6,972	4	<b>5.2</b>	5.3	-.02	5.1	.05	5.2	.02
		2		28	5	504	4	1,344	5	9,396	5							
		3		48	9	840	7	2,195	8	16,174	8							
		4		67	12	1,520	13	3,755	14	28,742	13							
		5		134	24	2,335	21	5,649	21	42,470	20							
		6		116	21	2,558	23	5,452	21	43,489	21							
		7	Excellent	142	27	3,102	28	6,586	26	57,096	28							
		—	Not applicable	6	1	103	1	731	2	4,335	2							
			Total	555	100	11,288	100	26,684	100	208,674	100							
c. Faculty	QIfaculty	1	Poor	3	1	152	1	500	2	3,744	2	<b>5.1</b>	5.2 **	-.11	5.2	-.08	5.3 ***	-.13
		2		19	3	296	3	819	3	5,760	3							
		3		40	7	662	6	1,726	7	12,368	6							
		4		92	16	1,706	15	3,991	15	28,696	14							
		5		190	34	3,038	26	7,144	27	53,477	25							
		6		146	26	3,191	28	7,221	27	56,394	26							
		7	Excellent	67	13	2,121	19	4,976	19	45,554	22							
		—	Not applicable	0	0	87	1	245	1	2,189	1							
			Total	557	100	11,253	100	26,622	100	208,182	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	7	1	327	3	968	4	7,975	4	<b>5.1</b>	5.1	-.02	5.0	.04	5.0	.03
		2		23	4	424	4	1,219	5	8,742	4							
		3		43	8	774	7	1,960	7	14,896	7							
		4		87	16	1,531	14	3,811	14	28,952	14							
		5		138	25	2,450	21	5,925	22	44,965	21							
		6		136	24	2,633	23	5,752	21	43,713	20							
		7	Excellent	81	15	2,274	20	4,824	18	40,501	19							
		—	Not applicable	39	7	841	9	2,154	9	18,419	11							
	Total			554	100	11,254	100	26,613	100	208,163	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	12	2	355	3	1,111	4	8,507	4	<b>5.0</b>	5.0	-.04	4.9	.06	5.0	.02
		2		26	5	497	5	1,316	5	10,183	5							
		3		36	7	792	7	2,178	8	16,481	8							
		4		98	17	1,638	14	4,127	15	31,090	15							
		5		150	27	2,524	22	5,921	22	45,675	21							
		6		120	21	2,634	23	5,296	20	42,826	20							
		7	Excellent	81	16	2,158	19	4,506	17	39,710	20							
		—	Not applicable	33	6	676	7	2,207	8	14,012	7							
	Total			556	100	11,274	100	26,662	100	208,484	100							
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	9	2	125	1	375	2	2,995	2	<b>3.0</b>	3.1 ***	-.22	3.2 ***	-.26	3.1 ***	-.23
		2	Some	124	23	1,710	17	3,833	16	32,291	17							
		3	Quite a bit	282	51	5,246	49	11,800	47	94,316	47							
		4	Very much	135	24	3,675	32	9,398	35	69,874	34							
			Total	550	100	10,756	100	25,406	100	199,476	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	22	4	340	4	799	3	6,306	4	<b>2.8</b>	3.0 ***	-.26	3.0 ***	-.27	3.1 ***	-.28
		2	Some	147	27	2,105	21	5,015	20	38,408	20							
		3	Quite a bit	282	51	4,716	44	11,099	44	85,836	43							
		4	Very much	100	18	3,500	31	8,318	32	67,526	33							
			Total	551	100	10,661	100	25,231	100	198,076	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	36	7	580	6	1,316	6	10,467	6	<b>2.8</b>	3.0 ***	-.28	3.1 ***	-.31	3.1 ***	-.32
		2	Some	142	25	1,945	20	4,501	18	34,518	18							
		3	Quite a bit	261	48	4,098	39	9,809	39	75,519	38							
		4	Very much	109	20	4,048	36	9,586	37	77,592	38							
			Total	548	100	10,671	100	25,212	100	198,096	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	77	13	1,160	12	2,768	11	19,509	10	<b>2.5</b>	2.7 ***	-0.24	2.7 ***	-0.29	2.8 ***	-0.31
		2	Some	213	38	3,130	29	7,393	29	54,613	28							
		3	Quite a bit	191	35	3,812	36	8,824	36	70,816	36							
		4	Very much	69	13	2,560	23	6,204	25	52,970	26							
		Total		550	100	10,662	100	25,189	100	197,908	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	23	4	463	5	1,290	5	10,509	6	<b>2.8</b>	3.0 ***	-0.20	3.0 ***	-0.21	3.0 ***	-0.19
		2	Some	168	31	2,414	24	5,651	23	43,653	23							
		3	Quite a bit	256	47	4,440	41	10,205	41	80,647	40							
		4	Very much	101	18	3,329	30	8,007	31	62,850	31							
		Total		548	100	10,646	100	25,153	100	197,659	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	30	5	563	6	1,460	6	12,070	7	<b>2.8</b>	3.0 **	-0.14	3.0 **	-0.14	2.9 *	-0.10
		2	Some	139	26	2,240	22	5,604	22	44,599	23							
		3	Quite a bit	265	48	4,447	41	10,164	41	79,489	40							
		4	Very much	112	20	3,374	31	7,869	31	61,174	30							
		Total		546	100	10,624	100	25,097	100	197,332	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	133	23	2,121	21	5,186	21	39,606	21	<b>2.2</b>	2.3 ***	-0.15	2.4 ***	-0.17	2.4 ***	-0.18
		2	Some	223	41	4,010	37	9,258	37	71,606	36							
		3	Quite a bit	158	29	3,070	28	7,167	29	57,013	29							
		4	Very much	32	6	1,431	13	3,474	14	28,966	15							
		Total		546	100	10,632	100	25,085	100	197,191	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	28	5	696	8	1,796	7	16,584	10	<b>2.8</b>	2.9	-0.07	2.8	-0.05	2.8	-0.01
		2	Some	153	28	2,664	26	6,669	27	49,346	25							
		3	Quite a bit	263	48	4,334	40	9,951	40	77,240	38							
		4	Very much	101	19	2,906	26	6,612	26	53,792	26							
		Total		545	100	10,600	100	25,028	100	196,962	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	95	17	1,336	13	3,382	14	26,171	15	<b>2.3</b>	2.6 ***	-0.24	2.6 ***	-0.24	2.6 ***	-0.24
		2	Some	230	41	3,722	35	8,716	35	64,748	33							
		3	Quite a bit	171	33	3,700	34	8,509	34	67,938	33							
		4	Very much	49	9	1,832	17	4,416	18	37,856	18							
		Total		545	100	10,590	100	25,023	100	196,713	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND				Plains Public Plus				Carnegie Class				NSSE 2016 & 2017		UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>				
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																									
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	37	0	72	0	735	0	<b>14.9</b>	14.5	.05	15.2	-.03	14.7	.02							
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	49	9	1,230	12	2,490	11	22,605	12														
		8	6-10 hrs	118	21	2,460	24	5,215	22	43,111	23														
		13	11-15 hrs	141	26	2,390	22	5,464	22	43,606	22														
		18	16-20 hrs	119	22	2,212	20	5,204	20	39,103	19														
		23	21-25 hrs	66	12	1,196	11	3,299	12	23,890	12														
		28	26-30 hrs	22	4	574	5	1,603	6	11,997	6														
		33	More than 30 hrs	30	5	525	5	1,653	6	11,774	6														
	Total			545	100	10,624	100	25,000	100	196,821	100														
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	156	27	2,733	28	7,031	29	57,611	33	<b>5.7</b>	5.8	-.01	5.8	-.02	5.7	.00							
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	218	40	3,852	35	8,815	34	65,887	32														
		8	6-10 hrs	81	14	1,971	18	4,366	17	32,930	16														
		13	11-15 hrs	39	9	999	9	2,299	9	18,567	9														
		18	16-20 hrs	20	4	594	6	1,290	5	11,273	5														
		23	21-25 hrs	13	3	223	2	619	2	5,270	3														
		28	26-30 hrs	6	1	87	1	202	1	1,913	1														
		33	More than 30 hrs	8	1	121	1	287	1	2,592	1														
	Total			541	100	10,580	100	24,909	100	196,043	100														
c. Working for pay on campus	tmworkonhrs	0	0 hrs	416	76	8,255	78	19,780	80	151,732	79	<b>2.8</b>	2.6	.04	2.4	.07	2.4	.08							
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	22	4	361	3	759	3	9,102	4														
		8	6-10 hrs	40	7	792	7	1,565	6	15,655	7														
		13	11-15 hrs	34	7	628	6	1,300	5	9,870	5														
		18	16-20 hrs	25	5	390	4	1,100	4	6,357	3														
		23	21-25 hrs	7	1	104	1	283	1	2,025	1														
		28	26-30 hrs	0	0	25	0	66	0	552	0														
		33	More than 30 hrs	1	0	36	0	99	0	1,028	1														
	Total			545	100	10,591	100	24,952	100	196,321	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	362	67	7,013	65	18,544	72	136,387	67	<b>4.2</b>	5.8 *** ▽	-0.17	4.4	-0.02	5.8 ***	-0.15
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	34	6	509	5	1,028	4	9,072	4							
		8	6-10 hrs	42	7	589	5	1,161	5	10,124	5							
		13	11-15 hrs	53	10	617	6	1,156	5	10,051	5							
		18	16-20 hrs	33	6	720	7	1,193	5	10,509	6							
		23	21-25 hrs	11	2	461	4	800	3	7,307	4							
		28	26-30 hrs	5	1	274	3	452	2	4,170	2							
		33	More than 30 hrs	3	1	386	5	617	3	8,635	6							
		Total			543	100	10,569	100	24,951	100	196,255	100						
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											<b>6.9</b>	8.4 *** ▽	-0.14	6.8	.01	8.1 **	-0.11
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	288	53	5,865	57	13,883	57	109,710	57	<b>2.6</b>	2.3	.07	2.4	.03	2.5	.00
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	208	37	3,623	33	8,244	31	62,856	31							
		8	6-10 hrs	18	3	595	5	1,521	6	12,366	7							
		13	11-15 hrs	15	4	237	2	635	3	5,361	3							
		18	16-20 hrs	7	2	140	1	349	2	2,975	2							
		23	21-25 hrs	5	1	53	1	168	1	1,376	1							
		28	26-30 hrs	3	1	21	0	32	0	441	0							
	33	More than 30 hrs	0	0	28	0	84	0	829	0								
		Total			544	100	10,562	100	24,916	100	195,914	100						
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	6	1	155	2	398	2	3,717	2	<b>13.1</b>	12.6	.06	12.5	.07	12.1 **	.12
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	99	17	2,042	19	4,903	19	42,169	22							
		8	6-10 hrs	126	23	2,913	27	7,085	28	54,313	27							
		13	11-15 hrs	136	26	2,293	21	5,377	21	40,795	20							
		18	16-20 hrs	98	18	1,526	15	3,410	14	26,183	13							
		23	21-25 hrs	30	6	743	7	1,579	7	12,055	6							
		28	26-30 hrs	15	3	297	3	701	3	5,382	3							
	33	More than 30 hrs	33	6	595	6	1,441	6	11,445	6								
		Total			543	100	10,564	100	24,894	100	196,059	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	470	85	8,628	80	20,433	81	152,006	75	<b>1.8</b>	2.2	-.07	2.0	-.04	3.1 ***	-0.17
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	29	5	914	9	2,059	9	18,981	10							
	8	6-10 hrs	14	3	313	3	863	4	8,174	5								
	13	11-15 hrs	10	3	209	2	574	3	5,082	3								
	18	16-20 hrs	10	2	136	2	344	2	3,208	2								
	23	21-25 hrs	3	0	59	1	180	1	1,759	1								
	28	26-30 hrs	3	1	31	0	71	0	787	1								
	33	More than 30 hrs	5	1	249	3	332	2	5,691	4								
	Total			544	100	10,539	100	24,856	100	195,688	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	203	37	4,147	37	10,160	41	91,370	44	<b>3.2</b>	3.4	-.04	3.9 ***	-.12	3.8 **	-.09
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	262	47	4,762	46	9,503	37	66,081	34							
	8	6-10 hrs	48	9	989	10	2,993	13	21,270	12								
	13	11-15 hrs	19	5	329	3	1,108	5	8,396	5								
	18	16-20 hrs	10	2	178	2	578	2	4,037	2								
	23	21-25 hrs	1	0	66	1	231	1	1,904	1								
	28	26-30 hrs	2	0	32	0	97	0	784	0								
	33	More than 30 hrs	1	0	84	1	266	1	2,305	1								
	Total			546	100	10,587	100	24,936	100	196,147	100							
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																		
	reading	1	Very little	85	16	1,465	14	3,214	14	21,814	12	<b>2.6</b>	2.7	-.08	2.7 *	-.10	2.8 ***	-.18
		2	Some	196	37	3,622	35	8,473	35	63,217	33							
		3	About half	148	27	2,952	28	6,984	28	57,983	29							
		4	Most	82	14	1,912	17	4,641	18	39,054	19							
		5	Almost all	31	6	637	6	1,585	6	13,966	7							
			Total	542	100	10,588	100	24,897	100	196,034	100							
	tmreadinghrs										<b>6.1</b>	6.3	-.04	6.6 *	-.09	6.8 **	-.12	
	(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)																	

\*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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
	tmreadinghrscol	1	0 hrs	0	0	36	0	69	0	712	0							
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	278	52	5,484	54	12,037	51	93,116	50							
		3	More than 5, up to 10 hrs	172	32	3,082	28	7,399	29	58,870	29							
		4	More than 10, up to 15 hrs	56	10	1,045	10	2,708	10	21,421	10							
		5	More than 15, up to 20 hrs	14	2	501	5	1,418	5	11,238	5							
		6	More than 20, up to 25 hrs	18	3	306	3	872	3	7,187	3							
		7	More than 25 hrs	2	0	101	1	297	1	2,740	1							
		Total		540	100	10,555	100	24,800	100	195,284	100							
<b>17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																		
a. Writing clearly and effectively	pgwrite	1	Very little	58	11	1,040	10	2,304	9	13,621	7	<b>2.6</b>	2.7	-.08	2.7 ***	-.16	2.8 ***	-.24
		2	Some	174	32	3,347	32	7,185	29	53,146	27							
		3	Quite a bit	239	45	4,284	40	10,256	42	84,126	43							
		4	Very much	69	13	1,889	18	5,020	20	44,237	23							
		Total		540	100	10,560	100	24,765	100	195,130	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	74	14	1,262	12	3,301	13	20,857	11	<b>2.5</b>	2.6 **	-.13	2.6 **	-.13	2.7 ***	-.21
		2	Some	203	37	3,515	33	8,278	33	61,269	31							
		3	Quite a bit	203	38	3,924	37	8,836	36	74,283	38							
		4	Very much	62	12	1,838	18	4,339	18	38,677	20							
		Total		542	100	10,539	100	24,754	100	195,086	100							
c. Thinking critically and analytically	pgthink	1	Very little	21	4	336	4	811	4	6,097	4	<b>2.9</b>	3.0	-.08	3.1 **	-.13	3.1 ***	-.16
		2	Some	112	21	2,180	21	4,836	20	37,031	19							
		3	Quite a bit	280	53	4,885	46	11,039	45	87,171	44							
		4	Very much	125	23	3,141	29	8,078	32	64,827	33							
		Total		538	100	10,542	100	24,764	100	195,126	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	55	10	1,329	13	3,017	12	25,824	13	<b>2.6</b>	2.6	-.02	2.7	-.06	2.6	-.04
		2	Some	181	33	3,399	32	7,694	31	61,645	31							
		3	Quite a bit	231	44	3,824	36	8,909	36	68,846	35							
		4	Very much	72	13	1,987	19	5,149	21	38,706	21							
		Total		539	100	10,539	100	24,769	100	195,021	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	67	12	1,284	13	3,458	14	25,858	14	<b>2.5</b>	2.6	-0.06	2.6	-0.03	2.6	-0.06
		2	Some	194	36	3,520	33	8,161	33	63,245	32							
		3	Quite a bit	205	38	3,737	35	8,412	34	67,229	34							
		4	Very much	73	14	1,998	19	4,726	19	38,709	20							
		Total		539	100	10,539	100	24,757	100	195,041	100							
f. Working effectively with others	pgothers	1	Very little	43	9	670	7	1,716	7	12,534	7	<b>2.7</b>	2.8	-0.08	2.8 *	-0.10	2.8 **	-0.12
		2	Some	152	28	2,976	29	7,150	29	53,373	28							
		3	Quite a bit	251	47	4,565	42	10,105	40	80,515	40							
		4	Very much	94	17	2,314	22	5,774	24	48,499	25							
		Total		540	100	10,525	100	24,745	100	194,921	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	86	15	1,256	13	2,951	12	20,477	12	<b>2.5</b>	2.6 **	-0.12	2.7 ***	-0.18	2.7 ***	-0.21
		2	Some	167	31	3,314	31	7,141	29	55,137	29							
		3	Quite a bit	216	41	3,942	37	9,088	37	73,805	37							
		4	Very much	72	13	2,025	19	5,564	22	45,444	23							
		Total		541	100	10,537	100	24,744	100	194,863	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	83	16	1,099	11	2,553	10	17,788	10	<b>2.4</b>	2.7 ***	-0.29	2.8 ***	-0.36	2.8 ***	-0.39
		2	Some	205	38	3,164	30	7,195	29	53,533	28							
		3	Quite a bit	190	35	3,926	37	9,064	37	72,929	37							
		4	Very much	61	11	2,338	22	5,916	24	50,576	26							
		Total		539	100	10,527	100	24,728	100	194,826	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	74	13	1,192	12	2,848	12	21,727	12	<b>2.5</b>	2.6 *	-0.10	2.6 ***	-0.15	2.6 ***	-0.16
		2	Some	203	37	3,710	35	8,272	33	64,331	33							
		3	Quite a bit	195	37	3,809	36	8,791	35	70,059	35							
		4	Very much	67	13	1,811	17	4,816	19	38,604	20							
		Total		539	100	10,522	100	24,727	100	194,721	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	87	16	1,337	14	2,947	12	21,373	12	<b>2.4</b>	2.6 ***	-0.15	2.6 ***	-0.23	2.7 ***	-0.26
		2	Some	201	37	3,598	34	7,857	32	60,458	31							
		3	Quite a bit	195	36	3,642	34	8,784	35	70,763	36							
		4	Very much	57	11	1,905	18	5,083	20	41,621	21							
		Total		540	100	10,482	100	24,671	100	194,215	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### First-Year Students

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

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

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	12	3	160	2	459	2	3,726	2	<b>3.1</b>	3.2 ***	-0.20	3.2 ***	-0.18	3.2 ***	-0.19	
		2	Fair	87	16	1,087	11	2,938	13	23,083	13								
		3	Good	293	54	5,416	51	11,906	49	93,068	48								
		4	Excellent	148	28	3,884	36	9,424	37	75,025	38								
			Total	540	100	10,547	100	24,727	100	194,902	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	15	3	272	3	859	4	7,230	4	<b>3.2</b>	3.3 **	-0.13	3.2	-0.07	3.2	-0.07	
		2	Probably no	81	15	1,105	11	2,925	12	23,441	12								
		3	Probably yes	245	45	4,471	43	10,279	43	80,457	41								
		4	Definitely yes	198	37	4,726	43	10,694	42	83,989	42								
			Total	539	100	10,574	100	24,757	100	195,117	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	24	3	366	2	1,123	3	7,654	3	<b>2.9</b>	3.1 ***	-0.16	3.0 **	-0.10	3.1 ***	-0.18	
		2	Sometimes	245	31	4,322	26	11,133	28	77,816	25								
		3	Often	279	34	5,546	33	12,403	32	100,186	31								
		4	Very often	285	32	6,463	38	14,069	37	133,452	41								
		Total		833	100	16,697	100	38,728	100	319,108	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	171	21	3,625	22	8,875	23	66,027	21	<b>2.4</b>	2.4	.00	2.3	.02	2.4	-0.05	
		2	Sometimes	297	35	6,118	37	14,189	36	113,119	35								
		3	Often	243	29	4,214	25	9,541	25	80,778	26								
		4	Very often	118	14	2,609	16	5,847	16	57,082	18								
		Total		829	100	16,566	100	38,452	100	317,006	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	43	5	977	6	2,644	7	19,117	6	<b>3.0</b>	3.0	.03	2.9 **	.10	3.0	.02	
		2	Often	124	14	2,430	15	6,367	16	45,357	14								
		3	Sometimes	454	55	8,983	54	21,233	55	172,245	54								
		4	Never	206	26	4,148	25	8,143	22	79,860	26								
		Total		827	100	16,538	100	38,387	100	316,579	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	417	52	7,304	45	16,252	44	135,349	45	<b>1.7</b>	1.8 ***	-0.14	1.8 ***	-0.15	1.8 ***	-0.15	
		2	Sometimes	291	35	6,019	36	14,605	37	116,385	36								
		3	Often	65	8	1,912	11	4,711	12	39,715	12								
		4	Very often	51	6	1,231	7	2,722	7	24,471	7								
		Total		824	100	16,466	100	38,290	100	315,920	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	106	15	1,961	13	3,979	11	42,227	15	<b>2.5</b>	2.5	.02	2.5	-0.05	2.4	.07	
		2	Sometimes	297	36	6,911	42	15,298	41	132,163	42								
		3	Often	291	34	5,038	30	12,258	31	93,175	28								
		4	Very often	130	15	2,553	15	6,735	17	48,057	15								
		Total		824	100	16,463	100	38,270	100	315,622	100								
f. Explained course material to one or more students	CLexplain	1	Never	55	8	879	6	1,451	4	18,374	7	<b>2.7</b>	2.8	-0.05	2.8 ***	-0.12	2.7	-0.01	
		2	Sometimes	252	31	5,466	34	12,344	33	108,673	35								
		3	Often	356	43	6,492	39	15,403	40	119,763	37								
		4	Very often	161	19	3,578	22	9,000	23	68,345	21								
		Total		824	100	16,415	100	38,198	100	315,155	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	143	20	2,984	20	5,445	15	55,423	19	<b>2.5</b>	2.4	.02	2.6 **	-.11	2.5	.00
		2	Sometimes	273	33	5,685	34	13,076	34	106,834	34							
		3	Often	252	29	4,676	28	11,259	29	90,273	28							
		4	Very often	156	18	3,063	18	8,315	22	61,802	19							
		Total		824	100	16,408	100	38,095	100	314,332	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	61	9	1,023	7	1,879	5	21,457	8	<b>2.9</b>	2.9	.00	2.9 *	-.07	2.8	.02
		2	Sometimes	197	24	4,689	29	10,417	28	89,536	29							
		3	Often	322	40	6,089	37	13,935	36	113,534	35							
		4	Very often	242	27	4,580	28	11,771	30	89,123	28							
		Total		822	100	16,381	100	38,002	100	313,650	100							
i. Given a course presentation	present	1	Never	98	14	1,765	11	3,792	11	33,906	12	<b>2.7</b>	2.6	.02	2.7	-.06	2.7	-.04
		2	Sometimes	248	30	5,658	35	12,421	33	95,518	31							
		3	Often	276	33	5,309	32	12,504	32	103,357	32							
		4	Very often	200	23	3,638	22	9,288	24	80,799	25							
		Total		822	100	16,370	100	38,005	100	313,580	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	23	3	461	3	1,162	3	10,433	4	<b>3.0</b>	2.9	.02	3.0	.01	2.9	.04
		2	Sometimes	198	25	4,325	27	9,801	26	83,089	27							
		3	Often	362	45	6,788	42	15,729	42	128,194	41							
		4	Very often	238	28	4,533	28	10,889	29	88,767	28							
		Total		821	100	16,107	100	37,581	100	310,483	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	63	9	1,105	7	2,752	8	19,771	7	<b>2.7</b>	2.7 **	-.09	2.8 ***	-.12	2.8 ***	-.16
		2	Sometimes	279	35	5,405	35	12,131	33	94,837	31							
		3	Often	302	37	5,815	35	13,314	35	114,118	36							
		4	Very often	172	19	3,723	23	9,204	24	80,690	25							
		Total		816	100	16,048	100	37,401	100	309,416	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	154	21	2,164	14	5,354	15	34,399	13	<b>2.3</b>	2.5 ***	-.22	2.5 ***	-.22	2.6 ***	-.30
		2	Sometimes	304	39	5,900	37	13,335	36	105,654	35							
		3	Often	232	27	4,823	30	11,037	29	98,799	31							
		4	Very often	122	13	3,116	19	7,533	20	69,515	22							
		Total		812	100	16,003	100	37,259	100	308,367	100							

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

# NSSE 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	45	6	838	5	1,830	5	13,121	5	<b>2.7</b>	2.8 *	-0.09	2.8 ***	-0.14	2.8 ***	-0.17
		2	Sometimes	266	34	5,129	32	11,364	30	89,578	29							
		3	Often	360	44	6,688	42	15,791	42	133,545	43							
		4	Very often	137	16	3,285	21	8,149	22	71,141	23							
		Total		808	100	15,940	100	37,134	100	307,385	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	33	5	523	4	1,183	3	8,401	3	<b>2.8</b>	2.9 **	-0.10	2.9 ***	-0.16	3.0 ***	-0.18
		2	Sometimes	236	30	4,500	28	9,455	26	75,482	25							
		3	Often	358	44	6,815	43	16,230	44	136,237	44							
		4	Very often	181	21	4,046	25	10,062	27	85,849	28							
		Total		808	100	15,884	100	36,930	100	305,969	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	23	3	374	3	751	2	5,745	2	<b>2.8</b>	2.9	-0.04	2.9 ***	-0.12	3.0 ***	-0.14
		2	Sometimes	235	30	4,773	31	9,789	28	80,411	27							
		3	Often	371	46	6,983	44	16,443	44	136,161	44							
		4	Very often	174	21	3,707	23	9,793	26	82,405	26							
		Total		803	100	15,837	100	36,776	100	304,722	100							
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	6	1	161	1	366	1	2,727	1	<b>3.1</b>	3.2	-0.04	3.2	-0.05	3.2 *	-0.08
		2	Sometimes	133	17	2,592	17	5,769	16	46,212	16							
		3	Often	396	49	7,336	46	17,151	47	140,877	46							
		4	Very often	266	33	5,678	36	13,303	36	113,670	37							
		Total		801	100	15,767	100	36,589	100	303,486	100							
<b>3. During the current school year, about how often have you done the following?</b>																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	151	22	2,501	17	6,235	17	50,638	18	<b>2.4</b>	2.4 *	-0.07	2.4	-0.07	2.4	-0.06
		2	Sometimes	306	37	6,289	40	14,712	40	118,080	39							
		3	Often	200	24	4,098	25	9,206	25	77,178	24							
		4	Very often	146	17	2,899	18	6,468	18	57,816	18							
		Total		803	100	15,787	100	36,621	100	303,712	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	308	41	6,027	40	14,524	40	124,323	44	<b>2.0</b>	2.0	-0.04	2.0	-0.03	1.9	.02
		2	Sometimes	265	32	5,054	32	11,563	31	93,174	30							
		3	Often	148	18	2,761	17	6,202	17	50,062	16							
		4	Very often	82	10	1,903	12	4,262	12	35,444	11							
		Total		803	100	15,745	100	36,551	100	303,003	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	202	27	3,824	25	8,802	25	78,100	28	<b>2.1</b>	2.2 **	-0.10	2.2 ***	-0.12	2.2 *	-0.07
		2	Sometimes	359	44	6,704	42	15,693	42	122,754	40							
		3	Often	177	22	3,422	21	7,946	22	65,953	21							
		4	Very often	60	7	1,752	11	3,979	11	35,354	11							
		Total		798	100	15,702	100	36,420	100	302,161	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	181	24	3,460	23	8,410	23	66,051	23	<b>2.2</b>	2.2	-0.02	2.2	-0.04	2.2	-0.04
		2	Sometimes	353	44	7,186	46	16,476	45	134,154	44							
		3	Often	191	23	3,451	21	7,910	22	68,121	22							
		4	Very often	75	9	1,599	10	3,584	10	33,627	11							
		Total		800	100	15,696	100	36,380	100	301,953	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	59	7	1,315	9	2,712	8	25,805	9	<b>2.7</b>	2.7	.05	2.8	-0.02	2.7	.03
		2	Some	252	32	5,226	33	11,124	31	95,994	32							
		3	Quite a bit	321	41	6,080	39	14,526	40	117,575	39							
		4	Very much	168	20	3,094	20	7,996	22	62,487	21							
		Total		800	100	15,715	100	36,358	100	301,861	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	24	3	404	3	977	3	8,031	3	<b>3.1</b>	3.1	.02	3.1	-0.03	3.1	-0.03
		2	Some	157	20	3,189	21	6,690	19	56,320	19							
		3	Quite a bit	351	44	7,114	45	16,393	45	135,206	45							
		4	Very much	269	33	4,961	32	12,244	34	101,649	33							
		Total		801	100	15,668	100	36,304	100	301,206	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	33	4	602	4	1,275	4	9,908	4	<b>3.0</b>	3.0	-0.02	3.0 **	-0.09	3.0 **	-0.11
		2	Some	198	25	3,688	24	7,809	22	62,642	21							
		3	Quite a bit	330	41	6,731	43	15,490	43	128,874	43							
		4	Very much	239	29	4,587	29	11,580	32	98,780	33							
		Total		800	100	15,608	100	36,154	100	300,204	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	65	10	966	7	2,375	7	15,274	6	<b>2.7</b>	2.8 ***	-0.13	2.9 ***	-0.17	2.9 ***	-0.24
		2	Some	234	30	4,309	28	9,458	26	71,375	24							
		3	Quite a bit	322	40	6,560	41	14,820	41	127,339	42							
		4	Very much	178	21	3,756	24	9,428	26	85,831	28							
		Total		799	100	15,591	100	36,081	100	299,819	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	45	6	747	5	1,758	5	12,256	4	<b>2.8</b>	2.9	-.05	2.9 **	-.10	2.9 ***	-.15
		2	Some	224	29	4,228	27	9,218	26	71,129	24							
		3	Quite a bit	334	42	6,814	43	15,537	43	131,350	44							
		4	Very much	194	23	3,790	24	9,519	26	84,653	28							
		Total		797	100	15,579	100	36,032	100	299,388	100							
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	16	2	375	3	789	2	6,227	2	<b>3.0</b>	3.1	-.06	3.1 ***	-.11	3.1 ***	-.15
		2	Some	157	21	2,919	19	6,542	18	50,782	17							
		3	Quite a bit	400	49	7,254	46	16,456	45	133,597	44							
		4	Very much	223	28	5,088	32	12,284	35	109,115	36							
		Total		796	100	15,636	100	36,071	100	299,721	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	26	3	508	4	1,123	3	8,827	3	<b>3.0</b>	3.0	-.07	3.1 *	-.08	3.1 ***	-.13
		2	Some	154	20	3,009	19	6,946	20	54,289	18							
		3	Quite a bit	410	52	7,361	47	16,728	46	135,625	45							
		4	Very much	206	25	4,734	30	11,216	31	100,669	34							
		Total		796	100	15,612	100	36,013	100	299,410	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	23	3	550	4	1,160	4	9,902	4	<b>3.0</b>	3.1	-.02	3.1 *	-.07	3.1 *	-.07
		2	Some	160	21	3,067	20	6,737	19	55,744	19							
		3	Quite a bit	365	46	6,801	43	15,377	42	125,391	42							
		4	Very much	247	30	5,179	33	12,705	35	108,011	36							
		Total		795	100	15,597	100	35,979	100	299,048	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	95	13	1,789	12	4,259	12	30,332	11	<b>2.6</b>	2.7 *	-.09	2.7 **	-.12	2.8 ***	-.18
		2	Some	263	35	4,826	31	11,367	31	85,116	29							
		3	Quite a bit	279	34	5,432	34	12,040	34	103,406	34							
		4	Very much	156	19	3,531	22	8,286	24	80,009	26							
		Total		793	100	15,578	100	35,952	100	298,863	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	63	9	1,239	8	2,926	8	21,039	8	<b>2.7</b>	2.8 *	-.09	2.8 **	-.11	2.8 ***	-.16
		2	Some	248	33	4,560	30	10,817	30	82,735	28							
		3	Quite a bit	333	41	6,255	40	14,116	39	118,006	39							
		4	Very much	149	18	3,488	22	7,980	23	76,236	25							
		Total		793	100	15,542	100	35,839	100	298,016	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	78	9	1,684	10	3,801	10	34,126	11	<b>2.8</b>	2.6 ***	.14	2.7 **	.09	2.6 ***	.13	
		2	Sometimes	241	30	5,569	35	11,838	32	101,312	33								
		3	Often	293	37	5,421	35	12,829	36	104,838	36								
		4	Very often	179	24	2,906	20	7,384	21	58,084	20								
		Total		791	100	15,580	100	35,852	100	298,360	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	115	15	2,869	18	6,858	19	55,181	18	<b>2.5</b>	2.4 ***	.12	2.4 *	.09	2.4 **	.09	
		2	Sometimes	314	39	6,207	39	13,289	37	112,860	37								
		3	Often	224	29	4,289	28	10,146	29	84,982	29								
		4	Very often	139	18	2,206	15	5,536	16	45,034	16								
		Total		792	100	15,571	100	35,829	100	298,057	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	116	14	2,508	16	5,584	16	49,242	16	<b>2.5</b>	2.4 *	.07	2.4	.02	2.4	.05	
		2	Sometimes	308	38	6,541	42	14,000	39	117,831	39								
		3	Often	270	35	4,574	29	11,172	31	90,758	31								
		4	Very often	98	13	1,936	13	5,122	14	40,602	14								
		Total		792	100	15,559	100	35,878	100	298,433	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	53	7	844	6	2,178	7	14,919	6	<b>7.1</b>	7.3	-.03	7.1	.00	7.7 *	-.09	
		1.5	1-2	145	20	2,964	21	6,441	20	47,597	18								
		4	3-5	202	27	4,085	28	9,383	29	77,765	28								
		8	6-10	180	23	3,039	21	6,991	21	62,151	22								
		13	11-15	80	10	1,470	10	3,409	10	30,521	11								
		18	16-20	37	5	834	6	1,889	6	17,048	6								
		23	More than 20	63	7	1,123	8	2,525	7	25,364	9								
Total		760	100	14,359	100	32,816	100	275,365	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	187	26	3,599	26	8,241	26	58,848	23	<b>3.2</b>	3.0	.04	3.2	-.01	3.6 *	-.09	
		1.5	1-2	257	35	5,277	37	11,331	34	93,121	34								
		4	3-5	171	22	3,333	23	7,733	23	69,681	25								
		8	6-10	87	11	1,304	9	3,446	11	32,852	12								
		13	11-15	39	5	436	3	1,071	3	10,591	4								
		18	16-20	3	0	148	1	360	1	4,180	2								
		23	More than 20	7	1	123	1	386	1	4,110	2								
Total		751	100	14,220	100	32,568	100	273,383	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. 11 pages or more	wrlongnum	0	None	314	43	6,961	50	15,719	49	122,984	46	<b>2.0</b>	1.6 **	.13	1.8	.05	1.9	.01	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	293	38	5,070	35	11,139	34	98,393	35								
		4	3-5	89	11	1,316	9	3,380	10	30,662	11								
		8	6-10	30	4	448	3	1,229	4	10,827	4								
		13	11-15	18	3	180	1	549	2	4,716	2								
		18	16-20	3	0	83	1	193	1	2,074	1								
		23	More than 20	8	1	85	1	301	1	2,932	1								
		Total			755	100	14,143	100	32,510	100	272,588	100							
Estimated number of assigned pages of student writing.	wpages											<b>75.7</b>	68.5 *	.09	73.3	.03	79.9	-.05	
			(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	70	10	872	6	1,673	5	13,261	5	<b>2.6</b>	2.9 ***	-.27	3.1 ***	-.45	3.1 ***	-.48	
		2	Sometimes	299	39	4,583	31	8,292	24	65,208	23								
		3	Often	217	28	4,377	30	9,972	30	84,107	30								
		4	Very often	175	23	4,692	33	13,002	40	114,023	41								
			Total	761	100	14,524	100	32,939	100	276,599	100								
b. People from an economic background other than your own	DDeconomic	1	Never	45	7	626	4	1,352	4	11,186	5	<b>2.8</b>	3.0 ***	-.20	3.1 ***	-.31	3.1 ***	-.31	
		2	Sometimes	244	32	3,853	27	7,536	22	62,584	23								
		3	Often	282	36	5,420	37	11,874	36	97,612	35								
		4	Very often	189	25	4,598	32	12,094	37	104,541	38								
			Total	760	100	14,497	100	32,856	100	275,923	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	49	7	816	6	2,741	7	17,334	6	<b>2.8</b>	2.9 ***	-.20	2.9 ***	-.21	3.0 ***	-.24	
		2	Sometimes	260	35	4,026	28	8,963	26	72,164	26								
		3	Often	256	32	4,800	33	9,969	31	87,056	31								
		4	Very often	194	25	4,828	34	11,158	35	99,260	36								
			Total	759	100	14,470	100	32,831	100	275,814	100								
d. People with political views other than your own	DDpolitical	1	Never	36	5	717	5	1,688	6	15,079	6	<b>2.9</b>	3.0	-.07	3.0	-.06	3.0	-.04	
		2	Sometimes	209	29	3,664	25	8,662	26	73,637	26								
		3	Often	260	33	5,022	35	10,824	33	89,345	32								
		4	Very often	255	33	5,060	35	11,650	36	97,536	36								
			Total	760	100	14,463	100	32,824	100	275,597	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	16	2	360	3	779	3	5,685	2	<b>3.0</b>	3.1 **	-.10	3.1 ***	-.14	3.1 ***	-.19	
		2	Sometimes	187	26	3,025	21	6,368	20	48,413	18								
		3	Often	328	43	6,278	43	14,237	44	118,826	43								
		4	Very often	227	29	4,780	33	11,319	34	101,861	37								
		Total		758	100	14,443	100	32,703	100	274,785	100								
b. Reviewed your notes after class	LSnotes	1	Never	70	9	1,225	9	2,583	8	20,838	8	<b>2.8</b>	2.7	.06	2.8	.00	2.8	-.04	
		2	Sometimes	215	28	4,849	34	10,791	32	84,410	30								
		3	Often	270	36	4,669	32	10,551	33	89,977	33								
		4	Very often	201	26	3,681	26	8,758	28	79,335	29								
		Total		756	100	14,424	100	32,683	100	274,560	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	55	8	1,110	8	2,464	7	18,494	7	<b>2.8</b>	2.8	.01	2.8	-.03	2.8 *	-.08	
		2	Sometimes	233	31	4,750	33	10,460	31	80,521	29								
		3	Often	299	40	5,103	35	11,737	37	101,500	37								
		4	Very often	169	22	3,378	24	7,887	25	72,996	27								
		Total		756	100	14,341	100	32,548	100	273,511	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	10	2	111	1	308	1	2,602	1	<b>5.5</b>	5.5	.03	5.5	.00	5.6	-.04	
		2		9	1	189	2	476	2	3,800	2								
		3		16	2	537	4	1,266	4	10,272	4								
		4		80	10	1,456	10	3,349	10	26,631	10								
		5		230	31	4,436	31	9,652	29	78,116	28								
		6		215	29	4,290	29	9,080	27	74,817	27								
		7	Very much	193	24	3,370	23	8,409	26	77,177	29								
		Total		753	100	14,389	100	32,540	100	273,415	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	52	7	980	7	2,521	8	24,246	10	<b>50%</b>	53%	-.06	51%	-.03	49%	.01	
			Do not plan to do	117	18	2,261	17	4,679	15	44,632	17								
			Plan to do	205	26	3,448	24	8,294	25	63,429	24								
			Done or in progress	378	50	7,696	53	17,062	51	141,267	49								
			Total	752	100	14,385	100	32,556	100	273,574	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	75	10	1,299	9	3,177	10	29,758	12	<b>38%</b>	40%	-.03	39%	-.01	35%	.06
			Do not plan to do	314	43	6,199	45	13,537	43	118,294	45							
			Plan to do	61	8	932	6	2,767	9	21,749	8							
			Done or in progress	304	38	5,925	40	13,002	39	103,210	35							
			Total	754	100	14,355	100	32,483	100	273,011	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	91	12	1,648	11	3,895	12	36,876	14	<b>24%</b>	26%	-.04	26%	-.04	23%	.02
			Do not plan to do	413	56	7,871	56	17,095	53	142,825	53							
			Plan to do	55	7	1,114	8	2,934	9	25,773	10							
			Done or in progress	195	24	3,709	26	8,466	26	66,675	23							
			Total	754	100	14,342	100	32,390	100	272,149	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	59	8	1,483	10	3,465	11	30,846	12	<b>7%</b>	14% ***	-.21	15% ***	-.24	14% ***	-.21
			Do not plan to do	608	81	9,948	70	21,325	67	180,284	67							
			Plan to do	30	4	873	6	2,417	8	18,872	7							
			Done or in progress	57	7	2,028	14	5,203	15	42,495	14							
			Total	754	100	14,332	100	32,410	100	272,497	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	97	13	1,873	13	4,692	15	39,685	15	<b>22%</b>	24%	-.05	25% *	-.08	23%	-.03
			Do not plan to do	392	52	7,406	52	14,779	46	133,678	49							
			Plan to do	96	13	1,553	11	4,301	14	31,453	12							
			Done or in progress	167	22	3,458	24	8,612	25	67,229	23							
			Total	752	100	14,290	100	32,384	100	272,045	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	32	4	1,181	9	2,950	9	24,319	10	<b>52%</b>	45% ***	.16	44% ***	.17	45% ***	.15
			Do not plan to do	64	9	3,136	23	6,976	22	55,676	21							
			Plan to do	250	34	3,436	24	8,205	25	62,583	24							
			Done or in progress	404	52	6,559	45	14,232	44	129,500	45							
			Total	750	100	14,312	100	32,363	100	272,078	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 Plus	Carnegie Class	NSSE 2016 & 2017
None	301	44	5,204	38	12,927	41	101,486	40	<b>1.7</b>
Some	356	45	7,411	51	15,899	48	136,439	49	
Most	80	9	1,466	10	2,905	9	27,941	10	
All	15	2	219	1	595	2	5,860	2	
Total	752	100	14,300	100	32,326	100	271,726	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	4	1	134	1	360	1	3,185	1	<b>5.5</b>	5.6 **	-0.11	5.6	-0.07	5.6 *	-0.08	
		2		17	3	173	1	494	2	4,258	2								
		3		26	4	512	4	1,344	4	11,026	4								
		4		89	12	1,359	10	3,350	11	27,734	10								
		5		193	25	3,542	25	8,034	25	65,734	24								
		6		207	27	4,338	30	9,216	28	75,068	27								
		7	Excellent	188	24	4,079	28	9,315	29	81,643	30								
		—	Not applicable	28	5	203	2	283	1	3,730	2								
			Total	752	100	14,340	100	32,396	100	272,378	100								
b. Academic advisors	QIadvisor	1	Poor	33	5	615	4	1,759	6	12,614	5	<b>5.0</b>	5.3 ***	-0.16	5.0	-0.02	5.2 **	-0.11	
		2		44	6	650	5	1,970	6	13,527	5								
		3		69	10	1,074	7	2,883	9	20,356	8								
		4		102	14	1,694	12	4,529	14	33,747	12								
		5		140	18	2,593	18	6,284	19	49,783	18								
		6		168	22	2,933	21	6,171	19	53,736	19								
		7	Excellent	188	24	4,626	33	8,356	27	84,271	31								
		—	Not applicable	7	1	129	1	403	1	4,038	2								
			Total	751	100	14,314	100	32,355	100	272,072	100								
c. Faculty	QIfaculty	1	Poor	11	2	215	2	498	2	4,058	2	<b>5.2</b>	5.4 ***	-0.17	5.4 ***	-0.15	5.5 ***	-0.20	
		2		29	4	305	2	777	2	5,851	2								
		3		45	6	661	5	1,604	5	12,426	5								
		4		97	14	1,613	11	3,919	12	29,886	11								
		5		185	25	3,570	25	7,976	24	62,593	23								
		6		236	30	4,340	30	9,512	29	78,587	28								
		7	Excellent	143	19	3,495	24	7,829	25	75,843	28								
		—	Not applicable	2	0	76	1	141	0	2,061	1								
			Total	748	100	14,275	100	32,256	100	271,305	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	39	5	542	4	1,585	5	12,659	5	<b>4.8</b>	5.0 **	-0.13	4.8	-0.02	4.9	-0.07
		2		38	5	591	4	1,598	5	12,545	5							
		3		62	8	884	6	2,594	8	19,744	7							
		4		108	14	1,934	13	4,794	14	36,325	13							
		5		139	19	2,766	19	6,539	19	50,877	18							
		6		131	17	2,811	19	5,600	17	46,690	17							
		7	Excellent	107	15	2,352	16	4,929	16	45,948	17							
		—	Not applicable	124	18	2,405	18	4,644	15	46,614	19							
	Total	748	100	14,285	100	32,283	100	271,402	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	50	7	548	4	1,752	6	13,819	5	<b>4.6</b>	5.0 ***	-0.22	4.8	-0.07	4.9 ***	-0.14
		2		50	7	686	5	1,812	6	14,587	5							
		3		65	8	1,084	7	2,920	9	22,814	8							
		4		134	17	2,060	14	5,334	16	41,671	15							
		5		171	23	3,238	22	7,149	22	58,035	21							
		6		131	17	3,293	23	6,284	19	53,573	19							
		7	Excellent	101	15	2,636	19	5,205	17	52,174	20							
		—	Not applicable	48	7	763	6	1,893	6	15,286	6							
	Total	750	100	14,308	100	32,349	100	271,959	100									
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	15	2	235	2	547	2	4,843	2	<b>3.1</b>	3.1	-0.02	3.2 **	-0.11	3.1 *	-0.08
		2	Some	142	19	2,547	19	4,909	17	43,785	17							
		3	Quite a bit	344	47	6,467	47	13,801	45	120,257	46							
		4	Very much	235	31	4,538	32	11,911	37	94,022	35							
			Total	736	100	13,787	100	31,168	100	262,907	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	41	6	619	5	1,516	5	12,140	5	<b>2.7</b>	2.9 ***	-0.18	2.9 ***	-0.19	2.9 ***	-0.23
		2	Some	212	29	3,376	26	7,674	25	61,141	24							
		3	Quite a bit	350	48	6,164	45	13,732	44	113,059	43							
		4	Very much	124	16	3,525	25	8,063	26	74,912	28							
			Total	727	100	13,684	100	30,985	100	261,252	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	98	14	1,219	9	2,740	9	22,748	9	<b>2.5</b>	2.8 ***	-0.28	2.8 ***	-0.32	2.8 ***	-0.35
		2	Some	245	34	3,689	28	8,208	26	64,552	25							
		3	Quite a bit	278	38	5,325	39	12,002	39	99,583	38							
		4	Very much	104	14	3,446	24	8,041	26	74,583	28							
			Total	725	100	13,679	100	30,991	100	261,466	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	141	20	2,135	16	5,219	16	38,110	15	<b>2.3</b>	2.5 ***	-0.18	2.6 ***	-0.22	2.6 ***	-0.28
		2	Some	288	40	4,712	34	10,150	32	80,289	31							
		3	Quite a bit	207	28	4,357	31	9,574	31	84,358	32							
		4	Very much	94	13	2,466	18	6,017	20	58,350	22							
		Total		730	100	13,670	100	30,960	100	261,107	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	64	10	979	8	2,322	8	21,872	9	<b>2.7</b>	2.8 ***	-0.19	2.8 ***	-0.21	2.8 ***	-0.16
		2	Some	235	32	3,627	27	7,988	26	67,611	27							
		3	Quite a bit	301	41	5,632	41	12,362	40	101,623	38							
		4	Very much	128	17	3,420	24	8,248	26	69,795	26							
		Total		728	100	13,658	100	30,920	100	260,901	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	67	10	1,255	10	3,083	10	29,064	12	<b>2.7</b>	2.8	-0.05	2.8	-0.05	2.7	-0.02
		2	Some	199	28	3,710	28	8,413	27	70,506	27							
		3	Quite a bit	310	43	5,374	39	11,721	38	96,086	36							
		4	Very much	145	19	3,305	24	7,668	25	64,800	24							
		Total		721	100	13,644	100	30,885	100	260,456	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	248	34	4,522	34	10,572	35	85,552	34	<b>2.0</b>	2.0	-0.06	2.1 *	-0.07	2.1 **	-0.10
		2	Some	290	40	5,114	37	10,906	35	92,004	35							
		3	Quite a bit	138	19	2,757	20	6,322	20	54,686	21							
		4	Very much	51	7	1,229	9	3,075	10	28,146	11							
		Total		727	100	13,622	100	30,875	100	260,388	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	106	15	1,727	13	4,015	14	41,040	18	<b>2.5</b>	2.6 ***	-0.14	2.6 ***	-0.13	2.6	-0.06
		2	Some	248	34	4,136	30	9,629	31	76,712	29							
		3	Quite a bit	267	37	5,002	37	10,911	35	88,853	33							
		4	Very much	105	14	2,737	20	6,275	20	53,261	20							
		Total		726	100	13,602	100	30,830	100	259,866	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	180	26	2,489	19	5,887	19	51,177	21	<b>2.2</b>	2.4 ***	-0.23	2.4 ***	-0.23	2.4 ***	-0.21
		2	Some	305	42	5,220	39	11,693	38	92,667	36							
		3	Quite a bit	175	24	4,144	30	8,874	29	76,928	29							
		4	Very much	63	9	1,732	13	4,329	14	38,789	14							
		Total		723	100	13,585	100	30,783	100	259,561	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND				Plains Public Plus				Carnegie Class				NSSE 2016 & 2017				UND				Plains Public Plus				Carnegie Class				NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>						
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	0	45	0	106	0	1,045	0	<b>15.9</b> 15.0 ** .10 15.2 * .08 15.2 * .08																							
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	95	13	1,698	13	3,841	13	32,443	13																								
		8	6-10 hrs	143	20	3,125	23	6,848	23	58,129	23																								
		13	11-15 hrs	129	19	2,807	20	6,146	20	52,683	20																								
		18	16-20 hrs	146	20	2,536	18	5,702	18	47,336	18																								
		23	21-25 hrs	78	10	1,412	10	3,347	10	28,488	11																								
		28	26-30 hrs	48	7	834	6	1,993	6	17,232	6																								
		33	More than 30 hrs	84	11	1,148	9	2,821	9	22,574	9																								
			Total	724	100	13,605	100	30,804	100	259,930	100																								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcoccrrhrs	0	0 hrs	289	42	4,971	38	11,124	38	104,819	43																			<b>4.4</b> 5.1 ** -.10 5.2 *** -.12 4.9 * -.07					
	(Recorded version of tmcoccurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	241	32	4,352	31	9,712	30	74,005	27																								
		8	6-10 hrs	95	13	1,910	14	4,552	15	34,586	13																								
		13	11-15 hrs	38	5	1,012	7	2,405	8	19,609	7																								
		18	16-20 hrs	30	4	636	5	1,442	5	12,777	5																								
		23	21-25 hrs	17	2	332	2	724	2	6,408	2																								
		28	26-30 hrs	6	1	136	1	300	1	2,728	1																								
		33	More than 30 hrs	7	1	214	2	437	1	4,189	2																								
			Total	723	100	13,563	100	30,696	100	259,121	100																								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	526	74	9,201	69	20,389	69	180,116	72	<b>3.8</b> 4.1 -.04 4.2 -.05 3.6 .03																							
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	33	4	669	5	1,325	4	13,327	4																								
		8	6-10 hrs	42	5	1,207	8	2,689	8	23,438	8																								
		13	11-15 hrs	45	6	1,006	7	2,299	7	17,094	6																								
		18	16-20 hrs	39	5	938	7	2,748	8	15,785	6																								
		23	21-25 hrs	16	2	257	2	701	2	4,760	2																								
		28	26-30 hrs	5	1	138	1	246	1	1,875	1																								
		33	More than 30 hrs	18	3	165	1	341	1	2,940	1																								
			Total	724	100	13,581	100	30,738	100	259,335	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
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	278	38	5,525	40	14,619	46	111,984	42	<b>13.5</b>	12.7	.06	11.1 ***	.19	12.8	.05
		3	1-5 hrs	31	4	647	5	1,668	5	12,887	5							
		8	6-10 hrs	54	7	890	6	2,023	6	16,308	6							
		13	11-15 hrs	63	8	1,025	7	2,185	7	17,193	6							
		18	16-20 hrs	76	10	1,360	10	2,852	9	23,045	9							
		23	21-25 hrs	60	8	1,078	8	2,107	7	17,839	7							
		28	26-30 hrs	33	4	826	6	1,476	5	13,121	5							
		33	More than 30 hrs	130	21	2,207	18	3,794	15	46,766	21							
Total				725	100	13,558	100	30,724	100	259,143	100							
Estimated number of hours working for pay	tmworkhrs										<b>17.3</b>	16.8	.04	15.2 ***	.16	16.3 *	.07	
<i>(Continuous variable created by NSSE)</i>																		
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	380	54	6,598	50	14,393	49	123,829	49	<b>2.6</b>	2.8	-.05	3.1 **	-.11	3.2 ***	-.12
		3	1-5 hrs	250	33	5,138	37	11,576	36	91,744	34							
		8	6-10 hrs	59	8	978	7	2,462	8	22,273	9							
		13	11-15 hrs	13	2	392	3	1,023	3	9,346	4							
		18	16-20 hrs	7	1	207	2	604	2	5,648	2							
		23	21-25 hrs	8	1	85	1	282	1	2,456	1							
		28	26-30 hrs	1	0	46	0	114	0	1,098	0							
		33	More than 30 hrs	5	1	93	1	223	1	2,382	1							
Total				723	100	13,537	100	30,677	100	258,776	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	13	2	287	2	766	3	7,933	3	<b>11.0</b>	11.0	.00	11.0	.00	10.5	.05
		3	1-5 hrs	177	25	3,515	26	8,171	27	73,622	29							
		8	6-10 hrs	214	29	4,004	29	8,924	28	73,701	28							
		13	11-15 hrs	148	21	2,592	19	5,748	19	46,534	18							
		18	16-20 hrs	95	13	1,604	12	3,541	12	28,758	11							
		23	21-25 hrs	35	5	705	5	1,510	5	12,137	5							
		28	26-30 hrs	14	2	293	2	695	2	5,485	2							
		33	More than 30 hrs	27	4	556	4	1,337	5	10,942	4							
Total				723	100	13,556	100	30,692	100	259,112	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2016 & 2017								Your seniors compared with						
				UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	538	72	9,632	70	21,861	70	169,024	63	<b>5.2</b>	5.3	-.01	4.8	.04	6.4 **	-1.0
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	54	7	1,147	9	3,067	10	26,907	10							
	8	6-10 hrs	21	3	488	4	1,291	4	12,621	5								
	13	11-15 hrs	9	1	338	3	831	3	8,143	3								
	18	16-20 hrs	21	4	284	2	672	2	6,887	3								
	23	21-25 hrs	8	1	181	1	362	1	3,672	2								
	28	26-30 hrs	3	0	121	1	283	1	2,731	1								
	33	More than 30 hrs	69	11	1,346	10	2,274	8	28,698	12								
	Total			723	100	13,537	100	30,641	100	258,683	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	173	27	2,305	17	4,350	15	64,042	24	<b>3.2</b>	4.5 ***	-.24	5.2 ***	-.34	4.8 ***	-.27
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	464	61	8,443	61	17,778	56	127,378	49							
	8	6-10 hrs	52	7	1,793	14	5,355	18	40,471	16								
	13	11-15 hrs	17	2	513	4	1,672	6	13,715	6								
	18	16-20 hrs	7	1	223	2	666	2	5,664	2								
	23	21-25 hrs	2	0	96	1	313	1	2,476	1								
	28	26-30 hrs	3	0	50	0	156	1	1,304	1								
	33	More than 30 hrs	4	1	167	1	452	2	4,253	2								
	Total			722	100	13,590	100	30,742	100	259,303	100							
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																		
	reading	1	Very little	116	17	2,172	16	4,800	16	34,511	14	<b>2.7</b>	2.7 *	-.08	2.8 *	-.09	2.9 ***	-1.7
		2	Some	232	33	3,957	29	8,788	29	70,412	27							
		3	About half	182	25	3,591	27	7,933	26	71,823	28							
		4	Most	136	18	2,752	20	6,329	20	57,293	22							
		5	Almost all	56	7	1,100	8	2,860	9	25,124	9							
			Total	722	100	13,572	100	30,710	100	259,163	100							
	tmreadinghrs											<b>7.1</b>	6.9	.03	7.0	.01	7.4	-.05
	(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																	

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

# NSSE 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	tmreadinghrscol	1	0 hrs	1	0	42	0	104	0	1,024	0	2.7	2.9 ***	-.16	2.9 ***	-.21	3.0 ***	-.29
		2	More than zero, up to 5 hrs	349	50	6,755	50	14,700	49	117,576	46							
		3	More than 5, up to 10 hrs	196	27	3,809	28	8,883	29	76,644	29							
		4	More than 10, up to 15 hrs	76	10	1,366	10	3,227	10	28,843	11							
		5	More than 15, up to 20 hrs	48	6	811	6	1,808	6	16,553	6							
		6	More than 20, up to 25 hrs	35	4	517	4	1,267	4	11,862	4							
		7	More than 25 hrs	14	2	221	2	601	2	5,610	2							
		Total		719	100	13,521	100	30,590	100	258,112	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	60	9	899	7	2,060	7	13,960	6	2.7	2.9 ***	-.16	2.9 ***	-.21	3.0 ***	-.29
		2	Some	209	30	3,484	26	7,234	24	54,812	22							
		3	Quite a bit	280	38	5,339	39	11,765	38	100,208	38							
		4	Very much	166	23	3,822	28	9,557	31	89,398	34							
		Total		715	100	13,544	100	30,616	100	258,378	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	73	11	1,165	9	2,410	8	19,307	8	2.7	2.8 **	-.12	2.9 ***	-.20	2.9 ***	-.22
		2	Some	213	30	3,572	27	7,745	25	60,016	24							
		3	Quite a bit	266	36	5,164	37	11,467	37	96,645	37							
		4	Very much	170	22	3,633	27	9,009	30	82,455	31							
		Total		722	100	13,534	100	30,631	100	258,423	100							
c. Thinking critically and analytically	pgthink	1	Very little	17	3	332	3	752	3	5,933	3	3.2	3.2	-.04	3.3 *	-.09	3.3 **	-.11
		2	Some	108	15	1,871	14	3,790	13	31,902	13							
		3	Quite a bit	295	41	5,364	39	11,571	38	96,171	37							
		4	Very much	300	41	5,959	44	14,528	47	124,518	47							
		Total		720	100	13,526	100	30,641	100	258,524	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	60	8	1,341	10	2,822	9	26,646	10	2.9	2.8 **	.11	2.9	.04	2.9 *	.07
		2	Some	186	24	3,843	28	7,692	25	68,309	26							
		3	Quite a bit	255	36	4,448	33	10,173	33	84,880	33							
		4	Very much	219	32	3,888	29	9,955	32	78,546	31							
		Total		720	100	13,520	100	30,642	100	258,381	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND	Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	56	8	1,018	8	2,687	9	21,778	9	<b>2.9</b>	2.9	-.01	2.9	.03	2.9	.01
		2	Some	165	24	3,047	23	7,242	24	59,774	23							
		3	Quite a bit	250	34	4,799	35	10,450	34	88,491	34							
		4	Very much	247	34	4,676	34	10,266	33	88,491	34							
		Total		718	100	13,540	100	30,645	100	258,534	100							
f. Working effectively with others	pgothers	1	Very little	39	6	697	6	1,441	5	12,410	6	<b>2.9</b>	3.0 *	-.09	3.0 ***	-.15	3.0 ***	-.14
		2	Some	177	26	2,983	23	6,435	22	52,854	21							
		3	Quite a bit	280	39	5,306	39	11,862	38	98,732	38							
		4	Very much	223	29	4,532	33	10,874	35	94,247	36							
		Total		719	100	13,518	100	30,612	100	258,243	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	103	16	1,673	13	3,518	12	26,133	11	<b>2.6</b>	2.7 *	-.09	2.8 ***	-.18	2.8 ***	-.22
		2	Some	205	29	3,740	28	7,575	25	61,274	24							
		3	Quite a bit	241	33	4,606	33	10,361	34	88,548	34							
		4	Very much	172	22	3,500	25	9,157	29	82,324	31							
		Total		721	100	13,519	100	30,611	100	258,279	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	128	19	1,576	12	3,626	12	24,940	11	<b>2.4</b>	2.7 ***	-.26	2.8 ***	-.33	2.8 ***	-.39
		2	Some	252	36	4,034	30	8,581	27	67,028	26							
		3	Quite a bit	189	25	4,471	33	9,886	32	86,957	33							
		4	Very much	151	20	3,436	25	8,512	28	79,248	30							
		Total		720	100	13,517	100	30,605	100	258,173	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	67	10	1,271	10	2,801	10	23,334	10	<b>2.8</b>	2.8	.04	2.8	-.03	2.8	-.03
		2	Some	205	28	3,907	29	8,268	27	69,469	27							
		3	Quite a bit	258	36	4,908	36	10,974	35	91,736	35							
		4	Very much	186	26	3,420	25	8,540	28	73,552	28							
		Total		716	100	13,506	100	30,583	100	258,091	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	120	17	1,970	15	4,346	14	31,813	13	<b>2.5</b>	2.6 **	-.12	2.7 ***	-.18	2.7 ***	-.23
		2	Some	263	37	4,281	32	9,316	30	74,178	29							
		3	Quite a bit	198	27	4,378	32	9,563	31	84,326	32							
		4	Very much	137	19	2,836	21	7,251	24	66,926	26							
		Total		718	100	13,465	100	30,476	100	257,243	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 2017 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

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

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

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017		UND		Plains Public Plus		Carnegie Class		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	19	3	350	3	779	3	5,970	3	<b>3.1</b>	3.2 ***	-.19	3.2 ***	-.20	3.3 ***	-.25	
		2	Fair	117	16	1,544	12	3,575	12	28,597	12								
		3	Good	366	51	6,176	45	13,292	44	110,221	42								
		4	Excellent	217	30	5,469	40	12,969	41	113,531	43								
			Total	719	100	13,539	100	30,615	100	258,319	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	43	6	571	5	1,416	5	11,736	5	<b>3.1</b>	3.2 ***	-.19	3.2 ***	-.17	3.2 ***	-.20	
		2	Probably no	100	14	1,635	12	3,825	13	31,936	12								
		3	Probably yes	341	47	5,413	40	11,822	39	98,349	38								
		4	Definitely yes	236	32	5,952	43	13,587	43	116,641	45								
			Total	720	100	13,571	100	30,650	100	258,662	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 2017 Frequencies and Statistical Comparisons

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

### University of North Dakota

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UND	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017
1 a. askquest	627	2.69	2.73	2.75	2.83	.031	.006	.004	.001	.77	.83	.84	.85	676	645	629	.144	.050	.000	-.06	-.07	-.17
b. drafts	621	2.59	2.42	2.42	2.49	.039	.007	.004	.002	.98	.97	.98	.98	19,037	50,140	357,304	.000	.000	.008	.18	.18	.11
c. unpreparedr	623	2.98	3.01	3.00	3.04	.028	.006	.003	.001	.70	.76	.76	.77	672	640	624	.258	.403	.018	-.04	-.03	-.09
d. attendart	622	1.85	1.94	1.93	1.93	.034	.007	.004	.002	.84	.92	.91	.92	18,919	49,888	624	.014	.042	.026	-.10	-.08	-.08
e. CLaskhelp	617	2.79	2.62	2.67	2.59	.033	.006	.004	.002	.82	.87	.87	.89	663	633	618	.000	.000	.000	.19	.14	.22
f. CLexplain	617	2.84	2.70	2.76	2.69	.032	.006	.004	.001	.80	.81	.81	.84	659	632	618	.000	.015	.000	.17	.10	.17
g. CLstudy	614	2.69	2.52	2.60	2.53	.037	.007	.004	.002	.92	.95	.95	.97	658	630	615	.000	.018	.000	.17	.09	.16
h. CLproject	614	2.69	2.61	2.66	2.62	.033	.006	.004	.001	.82	.85	.85	.88	658	630	616	.014	.302	.021	.10	.04	.09
i. present	615	2.06	2.21	2.21	2.28	.034	.006	.004	.002	.84	.87	.88	.90	659	631	616	.000	.000	.000	-.17	-.17	-.24
2 a. RLintegrate	614	2.48	2.57	2.58	2.58	.032	.006	.004	.001	.79	.83	.83	.84	661	630	615	.008	.002	.004	-.10	-.12	-.11
b. RLsocietal	610	2.38	2.50	2.55	2.57	.031	.006	.004	.001	.76	.85	.86	.87	662	629	612	.000	.000	.000	-.13	-.20	-.22
c. RLdiverse	611	2.35	2.46	2.55	2.57	.034	.007	.004	.002	.84	.87	.89	.89	657	628	612	.002	.000	.000	-.13	-.23	-.24
d. RLownview	609	2.62	2.68	2.75	2.77	.031	.006	.004	.001	.77	.81	.80	.81	18,068	47,623	339,876	.095	.000	.000	-.07	-.16	-.18
e. RIperspect	608	2.71	2.81	2.89	2.90	.032	.006	.004	.001	.79	.80	.80	.80	17,986	47,286	337,551	.002	.000	.000	-.13	-.22	-.23
f. RLnewview	603	2.69	2.76	2.83	2.85	.030	.006	.004	.001	.74	.79	.79	.79	17,866	46,893	335,208	.031	.000	.000	-.09	-.18	-.20
g. RLconnect	604	2.91	2.98	3.02	3.02	.028	.006	.003	.001	.69	.74	.74	.74	653	46,608	333,217	.026	.000	.000	-.09	-.14	-.15
3 a. SFcareer	604	2.30	2.28	2.22	2.25	.034	.007	.004	.002	.85	.89	.92	.92	17,777	621	605	.472	.023	.117	.03	.09	.06
b. SFotherwork	604	1.78	1.81	1.76	1.77	.035	.007	.004	.002	.87	.90	.89	.91	17,708	46,465	332,318	.428	.656	.857	-.03	.02	.01
c. SFdiscuss	601	1.91	1.95	1.97	1.99	.032	.007	.004	.002	.79	.86	.87	.89	652	619	603	.209	.059	.012	-.05	-.07	-.09
d. SFperform	598	1.99	2.09	2.08	2.12	.032	.006	.004	.002	.79	.85	.86	.88	646	615	599	.003	.005	.000	-.12	-.11	-.15
4 a. memorize	594	3.02	2.91	2.93	2.90	.031	.006	.004	.001	.76	.79	.79	.81	637	609	595	.001	.007	.000	.14	.11	.15
b. HOapply	596	2.89	2.88	2.95	2.92	.030	.006	.004	.001	.74	.80	.79	.80	644	45,949	328,844	.934	.059	.266	.00	-.08	-.05
c. HOanalyze	594	2.79	2.83	2.92	2.91	.031	.006	.004	.001	.76	.81	.80	.81	17,541	45,701	327,205	.206	.000	.000	-.05	-.16	-.15
d. HOevaluate	590	2.68	2.77	2.86	2.88	.033	.006	.004	.001	.80	.81	.81	.81	17,500	45,624	591	.012	.000	.000	-.11	-.22	-.25
e. HOform	593	2.67	2.77	2.85	2.87	.032	.006	.004	.001	.78	.81	.81	.81	17,494	45,558	326,177	.003	.000	.000	-.12	-.22	-.24
5 a. ETgoals	596	2.96	3.03	3.04	3.07	.030	.006	.004	.001	.74	.77	.77	.77	17,524	612	597	.026	.005	.000	-.09	-.11	-.15
b. ETorganize	595	2.95	2.98	2.99	3.02	.030	.006	.004	.001	.74	.78	.79	.80	17,488	45,496	325,710	.358	.227	.036	-.04	-.05	-.09
c. ETexample	592	2.90	3.00	3.01	3.02	.032	.006	.004	.001	.78	.81	.82	.82	17,444	45,382	325,222	.006	.002	.000	-.12	-.13	-.15
d. ETdraftfb	593	2.68	2.72	2.75	2.82	.035	.007	.004	.002	.86	.91	.91	.91	640	610	325,060	.269	.051	.000	-.04	-.08	-.16
e. ETfeedback	592	2.57	2.65	2.66	2.74	.035	.007	.004	.002	.84	.89	.89	.90	638	45,271	324,236	.025	.022	.000	-.09	-.09	-.18

# NSSE 2017 Frequencies and Statistical Comparisons

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

### University of North Dakota

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>			Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>			
	UND	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017
6 a. QRconclude	593	2.60	2.56	2.59	2.57	.033	.007	.004	.002	.80	.87	.88	.88	642	611	595	.285	.859	.354	.04	.01	.03
b. QRproblem	591	2.22	2.27	2.28	2.29	.034	.007	.004	.002	.83	.90	.91	.91	640	609	593	.118	.078	.040	-.06	-.07	-.08
c. QRevaluate	593	2.28	2.28	2.29	2.28	.033	.007	.004	.002	.80	.86	.87	.88	643	611	595	.979	.642	.875	.00	-.02	-.01
7 a. wrshortnum	560	7.28	6.37	6.55	6.63	.250	.047	.028	.011	5.91	5.76	5.68	5.71	15,898	40,710	293,938	.000	.002	.007	.16	.13	.11
b. wrmednum	556	3.61	1.95	2.17	2.24	.159	.025	.016	.006	3.74	3.02	3.11	3.23	582	565	556	.000	.000	.000	.54	.46	.42
c. wrlongnum	558	1.12	.78	.82	.89	.122	.022	.013	.005	2.89	2.64	2.52	2.73	592	569	559	.007	.017	.062	.13	.12	.08
— wrpages	551	66.57	44.97	48.50	50.23	2.978	.521	.321	.127	69.92	63.21	63.61	67.73	585	563	552	.000	.000	.000	.34	.28	.24
8 a. DDrace	555	2.62	2.86	3.02	3.03	.037	.007	.004	.002	.88	.92	.90	.91	15,896	40,580	293,001	.000	.000	.000	-.26	-.45	-.46
b. DDeconomic	554	2.79	2.91	3.02	3.01	.035	.007	.004	.002	.81	.88	.87	.88	15,846	40,438	292,034	.001	.000	.000	-.14	-.27	-.26
c. DDreligion	549	2.72	2.92	2.93	2.93	.038	.007	.005	.002	.88	.92	.94	.94	15,858	40,411	292,022	.000	.000	.000	-.22	-.22	-.23
d. DDpolitical	552	2.98	2.98	2.97	2.95	.036	.007	.005	.002	.83	.90	.91	.92	598	569	553	.990	.971	.491	.00	.00	.03
9 a. LSreading	548	2.84	2.95	3.02	3.04	.032	.006	.004	.001	.75	.77	.75	.76	15,786	40,164	290,165	.001	.000	.000	-.14	-.23	-.26
b. LSnotes	549	2.80	2.80	2.87	2.90	.037	.007	.004	.002	.86	.90	.88	.88	15,769	40,156	289,977	.995	.064	.008	.00	-.08	-.11
c. LSsummary	547	2.65	2.72	2.77	2.81	.035	.007	.004	.002	.81	.87	.87	.87	592	39,988	288,754	.046	.001	.000	-.08	-.14	-.18
10. challenge	550	5.23	5.41	5.43	5.44	.055	.010	.006	.002	1.28	1.17	1.21	1.24	15,715	39,952	288,722	.000	.000	.000	-.15	-.17	-.17
11 a. intern <sup>l</sup>	550	.055	.071	.076	.078	.0097	.0021	.0013	.0005	--	--	--	--	--	--	--	.153	.069	.045	-.07	-.08	-.09
b. leader <sup>l</sup>	549	.091	.129	.112	.111	.0123	.0027	.0016	.0006	--	--	--	--	--	--	--	.010	.123	.136	-.12	-.07	-.07
c. learncom <sup>l</sup>	547	.118	.175	.169	.135	.0138	.0031	.0019	.0006	--	--	--	--	--	--	--	.001	.002	.241	-.16	-.15	-.05
d. abroad <sup>l</sup>	546	.015	.032	.030	.030	.0052	.0014	.0009	.0003	--	--	--	--	--	--	--	.028	.043	.040	-.11	-.10	-.10
e. research <sup>l</sup>	549	.022	.051	.046	.047	.0062	.0018	.0011	.0004	--	--	--	--	--	--	--	.002	.007	.005	-.16	-.14	-.14
f. capstone <sup>l</sup>	548	.009	.019	.020	.021	.0040	.0011	.0007	.0003	--	--	--	--	--	--	--	.075	.057	.041	-.09	-.10	-.11
12. servcourse	545	1.66	1.64	1.60	1.63	.030	.006	.003	.001	.71	.67	.67	.70	15,552	39,436	284,847	.471	.024	.248	.03	.10	.05
13 a. QIstudent	545	5.38	5.47	5.41	5.40	.054	.011	.007	.003	1.26	1.34	1.37	1.40	590	562	547	.109	.581	.658	-.07	-.02	-.02
b. QIadvisor	538	5.22	5.26	5.14	5.20	.068	.013	.009	.003	1.59	1.61	1.66	1.66	15,410	38,586	278,571	.586	.241	.720	-.02	.05	.02
c. QIfaculty	547	5.09	5.24	5.20	5.28	.054	.011	.007	.003	1.27	1.38	1.42	1.44	594	566	549	.009	.052	.001	-.11	-.08	-.13
d. QIstaff	506	5.06	5.10	5.00	5.01	.063	.014	.009	.003	1.41	1.59	1.62	1.66	553	524	507	.547	.312	.427	-.02	.04	.03
e. QIadmin	514	4.99	5.05	4.90	4.95	.065	.014	.009	.003	1.47	1.60	1.65	1.67	559	532	516	.370	.160	.601	-.04	.06	.02
14 a. empstudy	540	2.97	3.13	3.16	3.14	.032	.006	.004	.001	.74	.73	.74	.75	580	555	541	.000	.000	.000	-.22	-.26	-.23
b. SEacademic	541	2.83	3.04	3.05	3.06	.033	.007	.004	.002	.76	.82	.82	.82	14,648	37,166	269,149	.000	.000	.000	-.26	-.27	-.28
c. SElearnsup	538	2.80	3.05	3.08	3.09	.036	.007	.005	.002	.83	.89	.88	.89	14,654	37,121	269,125	.000	.000	.000	-.28	-.31	-.32



# NSSE 2017 Frequencies and Statistical Comparisons

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

### University of North Dakota

#### First-Year Students

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UND	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:			
														Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	
d. SEdiverse	540	2.48	2.70	2.75	2.78	.038	.008	.005	.002	.88	.95	.95	.95	588	37,087	268,787	.000	.000	.000	-.24	-.29	-.31	
e. SESocial	539	2.79	2.96	2.98	2.96	.034	.007	.005	.002	.78	.86	.87	.88	14,621	37,036	268,399	.000	.000	.000	-.20	-.21	-.19	
f. SEwellness	537	2.84	2.96	2.97	2.93	.035	.007	.005	.002	.80	.88	.88	.90	14,575	36,953	538	.002	.001	.010	-.14	-.14	-.10	
g. SEonacad	536	2.19	2.33	2.36	2.37	.037	.008	.005	.002	.86	.95	.96	.97	586	555	538	.000	.000	.000	-.15	-.17	-.18	
h. SEactivities	536	2.80	2.86	2.85	2.80	.034	.008	.005	.002	.80	.90	.89	.94	588	555	538	.098	.171	.873	-.07	-.05	-.01	
i. SEevents	536	2.33	2.55	2.55	2.55	.037	.008	.005	.002	.87	.92	.94	.96	582	553	537	.000	.000	.000	-.24	-.24	-.24	
15 a. tmprephrs	536	14.88	14.47	15.16	14.74	.329	.068	.043	.016	7.61	8.08	8.25	8.29	582	553	537	.221	.411	.662	.05	-.03	.02	
b. tmcocurrhrs	532	5.70	5.76	5.82	5.71	.302	.056	.036	.014	6.97	6.66	6.84	7.01	14,514	36,683	266,048	.841	.705	.992	-.01	-.02	.00	
c. tmworkonhrs	534	2.81	2.61	2.39	2.38	.250	.048	.030	.011	5.79	5.71	5.69	5.63	14,517	548	535	.423	.096	.084	.04	.07	.08	
d. tmworkoffhrs	534	4.20	5.81	4.41	5.76	.314	.083	.046	.020	7.26	9.77	8.68	10.10	610	556	537	.000	.513	.000	-.17	-.02	-.15	
— tmworkhrs	532	6.86	8.36	6.76	8.10	.406	.094	.056	.022	9.36	11.05	10.59	11.54	589	551	534	.000	.800	.002	-.14	.01	-.11	
e. tmervicehrs	534	2.55	2.27	2.41	2.54	.199	.036	.024	.009	4.61	4.23	4.47	4.72	14,477	36,665	265,857	.133	.469	.934	.07	.03	.00	
f. tmrelaxhrs	534	13.13	12.62	12.52	12.14	.350	.071	.044	.016	8.09	8.40	8.44	8.50	578	550	535	.151	.086	.005	.06	.07	.12	
g. tmcarehrs	535	1.77	2.25	1.97	3.07	.237	.055	.030	.015	5.47	6.55	5.76	7.61	594	36,591	538	.050	.421	.000	-.07	-.04	-.17	
h. tmcommutehrs	536	3.24	3.45	3.91	3.79	.185	.043	.030	.011	4.29	5.04	5.79	5.90	593	565	539	.287	.000	.003	-.04	-.12	-.09	
16. reading	530	2.57	2.65	2.67	2.76	.047	.009	.006	.002	1.09	1.10	1.10	1.10	14,514	36,638	265,969	.080	.030	.000	-.08	-.10	-.18	
— tmreadinghrs	528	6.11	6.31	6.64	6.80	.223	.047	.030	.011	5.13	5.59	5.74	5.89	576	547	530	.380	.020	.002	-.04	-.09	-.12	
17 a. pgwrite	528	2.60	2.67	2.74	2.81	.036	.008	.005	.002	.84	.89	.89	.87	14,485	36,461	264,729	.071	.000	.000	-.08	-.16	-.24	
b. pgspeak	531	2.47	2.60	2.59	2.67	.038	.008	.005	.002	.87	.92	.93	.92	14,450	548	264,628	.003	.001	.000	-.13	-.13	-.21	
c. pgthink	523	2.94	3.01	3.05	3.07	.034	.007	.004	.002	.77	.81	.81	.81	14,445	539	525	.057	.001	.000	-.08	-.13	-.16	
d. pganalyze	526	2.60	2.62	2.66	2.64	.036	.008	.005	.002	.84	.93	.94	.95	576	545	528	.598	.160	.290	-.02	-.06	-.04	
e. pgwork	528	2.55	2.61	2.58	2.60	.038	.008	.005	.002	.88	.94	.96	.96	573	545	529	.139	.417	.159	-.06	-.03	-.06	
f. pgothers	529	2.72	2.79	2.80	2.83	.037	.007	.005	.002	.85	.87	.88	.88	14,432	36,410	264,432	.061	.028	.005	-.08	-.10	-.12	
g. pgvalues	530	2.51	2.62	2.68	2.71	.039	.008	.005	.002	.90	.93	.95	.95	14,445	36,408	264,272	.009	.000	.000	-.12	-.18	-.21	
h. pgdiverse	528	2.42	2.69	2.75	2.79	.039	.008	.005	.002	.89	.94	.94	.94	14,436	36,380	264,277	.000	.000	.000	-.29	-.36	-.39	
i. pgprobsolve	527	2.49	2.58	2.62	2.64	.038	.008	.005	.002	.88	.91	.93	.93	14,426	544	529	.022	.001	.000	-.10	-.15	-.16	
j. pgcitizen	528	2.43	2.57	2.64	2.67	.038	.008	.005	.002	.88	.94	.94	.94	574	545	530	.000	.000	.000	-.15	-.23	-.26	
18. evalexp	529	3.07	3.21	3.20	3.20	.032	.006	.004	.001	.73	.71	.73	.74	566	544	530	.000	.000	.000	-.20	-.18	-.19	
19. sameinst	528	3.17	3.27	3.22	3.22	.034	.006	.004	.002	.78	.76	.80	.81	14,508	36,423	529	.003	.093	.107	-.13	-.07	-.07	

# NSSE 2017 Frequencies and Statistical Comparisons

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

### University of North Dakota

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>			Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>			
	UND	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017
1 a. askquest	833	2.94	3.08	3.03	3.10	.030	.006	.004	.001	.87	.85	.88	.87	21,277	49,737	384,712	.000	.004	.000	-.16	-.10	-.18
b. drafts	829	2.36	2.36	2.34	2.41	.034	.007	.005	.002	.97	1.00	1.00	1.01	21,090	49,369	832	.970	.597	.114	.00	.02	-.05
c. unpreparedr	825	3.01	2.98	2.92	2.99	.027	.006	.004	.001	.78	.80	.81	.81	21,039	854	381,181	.385	.003	.635	.03	.10	.02
d. attendart	823	1.68	1.80	1.81	1.81	.030	.006	.004	.001	.85	.90	.90	.90	20,944	49,117	380,268	.000	.000	.000	-.14	-.15	-.15
e. CLaskhelp	823	2.49	2.46	2.53	2.42	.032	.006	.004	.001	.92	.90	.90	.91	20,938	49,100	379,849	.509	.157	.057	.02	-.05	.07
f. CLexplain	824	2.72	2.76	2.82	2.73	.030	.006	.004	.001	.86	.86	.83	.87	20,874	48,982	379,214	.135	.000	.778	-.05	-.12	-.01
g. CLstudy	823	2.46	2.45	2.57	2.47	.035	.007	.005	.002	1.00	1.00	.99	1.01	20,861	48,841	378,076	.659	.002	.913	.02	-.11	.00
h. CLproject	822	2.85	2.85	2.92	2.83	.032	.006	.004	.002	.92	.90	.89	.93	20,823	48,693	377,044	.960	.035	.563	.00	-.07	.02
i. present	822	2.65	2.64	2.70	2.69	.034	.007	.004	.002	.98	.94	.95	.98	20,807	48,703	376,960	.658	.111	.279	.02	-.06	-.04
2 a. RIntegrate	820	2.96	2.94	2.96	2.93	.028	.006	.004	.001	.81	.82	.83	.84	20,456	48,145	823	.485	.837	.287	.02	.01	.04
b. RIsocietal	814	2.65	2.74	2.76	2.79	.031	.006	.004	.001	.89	.89	.91	.90	20,367	47,887	371,378	.008	.001	.000	-.09	-.12	-.16
c. RIdiverse	810	2.33	2.54	2.54	2.62	.034	.007	.005	.002	.96	.95	.97	.96	20,306	838	369,933	.000	.000	.000	-.22	-.22	-.30
d. Rlownview	806	2.70	2.78	2.82	2.84	.028	.006	.004	.001	.81	.83	.83	.83	20,219	47,503	368,540	.010	.000	.000	-.09	-.14	-.17
e. Rlperspect	806	2.82	2.90	2.95	2.96	.029	.006	.004	.001	.82	.82	.82	.81	20,138	833	808	.007	.000	.000	-.10	-.16	-.18
f. Rlnewview	801	2.84	2.88	2.94	2.95	.028	.006	.004	.001	.78	.79	.79	.79	20,076	47,006	364,959	.216	.000	.000	-.04	-.12	-.14
g. Rlconnect	800	3.14	3.17	3.17	3.19	.025	.005	.003	.001	.72	.74	.73	.73	870	828	802	.209	.132	.025	-.04	-.05	-.08
3 a. SFcareer	801	2.36	2.44	2.43	2.42	.035	.007	.005	.002	1.00	.97	.97	.98	19,990	46,791	363,495	.039	.054	.103	-.07	-.07	-.06
b. SFotherwork	801	1.96	2.00	1.99	1.94	.035	.007	.005	.002	.99	1.02	1.02	1.01	19,939	46,696	362,584	.295	.403	.551	-.04	-.03	.02
c. SFdiscuss	796	2.09	2.18	2.19	2.15	.031	.007	.004	.002	.87	.93	.93	.95	872	827	799	.004	.001	.026	-.10	-.12	-.07
d. SFperform	797	2.16	2.18	2.20	2.20	.032	.006	.004	.002	.89	.90	.90	.91	19,866	46,463	361,175	.612	.276	.211	-.02	-.04	-.04
4 a. memorize	798	2.74	2.70	2.76	2.72	.030	.006	.004	.001	.86	.88	.88	.89	19,883	46,430	360,981	.193	.517	.449	.05	-.02	.03
b. HOapply	799	3.07	3.06	3.09	3.09	.029	.006	.004	.001	.81	.79	.79	.79	19,825	46,338	360,115	.654	.404	.475	.02	-.03	-.03
c. HOanalyze	798	2.96	2.97	3.03	3.05	.030	.006	.004	.001	.85	.83	.83	.82	19,748	46,151	358,891	.583	.010	.002	-.02	-.09	-.11
d. HOevaluate	797	2.72	2.83	2.87	2.93	.032	.006	.004	.001	.90	.87	.88	.86	859	823	799	.001	.000	.000	-.13	-.17	-.24
e. HOform	795	2.82	2.86	2.91	2.95	.030	.006	.004	.001	.85	.84	.85	.83	19,709	45,960	797	.175	.006	.000	-.05	-.10	-.15
5 a. ETgoals	794	3.03	3.08	3.12	3.15	.027	.006	.004	.001	.75	.79	.78	.78	867	823	797	.065	.001	.000	-.06	-.11	-.15
b. ETorganize	794	2.98	3.04	3.05	3.09	.027	.006	.004	.001	.77	.80	.80	.80	866	823	797	.062	.015	.000	-.07	-.08	-.13
c. ETexample	793	3.03	3.05	3.09	3.09	.028	.006	.004	.001	.79	.83	.82	.83	865	822	796	.574	.034	.033	-.02	-.07	-.07
d. ETdraftfb	791	2.58	2.66	2.69	2.76	.033	.007	.005	.002	.94	.96	.96	.96	19,691	45,869	357,065	.016	.001	.000	-.09	-.12	-.18
e. ETfeedback	790	2.67	2.76	2.78	2.82	.031	.007	.004	.002	.87	.89	.89	.90	19,643	45,717	356,022	.013	.002	.000	-.09	-.11	-.16

# NSSE 2017 Frequencies and Statistical Comparisons

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

### University of North Dakota

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UND	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017
6 a. QRconclude	788	2.77	2.64	2.68	2.65	.033	.007	.004	.002	.91	.91	.92	.92	19,698	45,735	356,379	.000	.009	.000	.14	.09	.13
b. QRproblem	790	2.50	2.39	2.41	2.41	.034	.007	.005	.002	.95	.95	.97	.96	19,676	45,697	355,972	.001	.012	.010	.12	.09	.09
c. QRevaluate	790	2.46	2.39	2.44	2.42	.032	.007	.004	.002	.89	.90	.92	.92	19,669	45,766	356,497	.039	.602	.186	.07	.02	.05
7 a. wrshortnum	753	7.11	7.33	7.14	7.71	.232	.050	.032	.012	6.37	6.53	6.44	6.69	18,053	41,610	326,357	.364	.894	.014	-.03	.00	-.09
b. wrmednum	743	3.19	3.02	3.23	3.60	.144	.029	.020	.008	3.94	3.86	4.09	4.41	17,866	41,280	323,838	.237	.829	.012	.04	-.01	-.09
c. wrlongnum	749	1.98	1.59	1.80	1.94	.129	.023	.017	.006	3.53	3.06	3.44	3.63	798	41,215	322,882	.003	.161	.790	.13	.05	.01
— wrpages	739	75.72	68.46	73.28	79.95	3.198	.605	.434	.163	86.93	78.25	86.63	92.04	792	40,610	318,204	.026	.449	.212	.09	.03	-.05
8 a. DDrace	756	2.64	2.89	3.06	3.08	.034	.007	.005	.002	.94	.93	.92	.92	820	782	758	.000	.000	.000	-.27	-.45	-.48
b. DDeconomic	755	2.79	2.96	3.06	3.06	.032	.007	.004	.002	.89	.87	.88	.88	818	781	757	.000	.000	.000	-.20	-.31	-.31
c. DDreligion	754	2.75	2.94	2.95	2.98	.033	.007	.005	.002	.91	.92	.95	.94	18,181	41,604	326,715	.000	.000	.000	-.20	-.21	-.24
d. DDpolitical	755	2.94	3.00	2.99	2.98	.033	.007	.005	.002	.91	.90	.92	.92	18,168	41,602	326,476	.070	.103	.255	-.07	-.06	-.04
9 a. LSreading	753	2.99	3.07	3.10	3.14	.029	.006	.004	.001	.80	.80	.79	.79	18,136	41,448	755	.008	.000	.000	-.10	-.14	-.19
b. LSnotes	751	2.80	2.74	2.80	2.83	.034	.007	.005	.002	.94	.94	.93	.93	18,114	41,418	325,178	.124	.995	.290	.06	.00	-.04
c. LSsummary	751	2.76	2.75	2.79	2.84	.032	.007	.004	.002	.88	.91	.90	.90	820	41,239	323,873	.736	.444	.025	.01	-.03	-.08
10. challenge	748	5.53	5.49	5.52	5.57	.046	.009	.006	.002	1.24	1.24	1.28	1.28	18,063	41,231	323,725	.475	.900	.315	.03	.00	-.04
11 a. intern <sup>l</sup>	746	.495	.526	.511	.490	.0183	.0038	.0025	.0009	--	--	--	--	--	--	--	.105	.396	.766	-.06	-.03	.01
b. leader <sup>l</sup>	749	.382	.397	.387	.352	.0178	.0037	.0024	.0008	--	--	--	--	--	--	--	.417	.784	.082	-.03	-.01	.06
c. learncom <sup>l</sup>	749	.240	.256	.257	.232	.0156	.0033	.0022	.0007	--	--	--	--	--	--	--	.327	.292	.595	-.04	-.04	.02
d. abroad <sup>l</sup>	749	.073	.135	.149	.138	.0095	.0026	.0018	.0006	--	--	--	--	--	--	--	.000	.000	.000	-.21	-.24	-.21
e. research <sup>l</sup>	747	.218	.239	.251	.232	.0151	.0033	.0022	.0007	--	--	--	--	--	--	--	.196	.044	.366	-.05	-.08	-.03
f. capstone <sup>l</sup>	745	.524	.446	.442	.451	.0183	.0038	.0025	.0009	--	--	--	--	--	--	--	.000	.000	.000	.16	.17	.15
12. servcourse	747	1.70	1.75	1.72	1.74	.026	.005	.004	.001	.72	.69	.70	.72	806	40,912	321,501	.048	.445	.086	-.08	-.03	-.06
13 a. QIstudent	713	5.48	5.62	5.57	5.58	.049	.010	.007	.002	1.30	1.27	1.32	1.34	17,698	40,560	316,248	.004	.074	.044	-.11	-.07	-.08
b. QIadvisor	739	4.99	5.27	5.02	5.19	.065	.013	.009	.003	1.75	1.74	1.79	1.77	17,793	40,499	316,795	.000	.648	.002	-.16	-.02	-.11
c. QIfaculty	742	5.22	5.45	5.42	5.50	.052	.010	.007	.002	1.43	1.37	1.39	1.40	17,827	40,648	318,358	.000	.000	.000	-.17	-.15	-.20
d. QIstaff	614	4.75	4.97	4.79	4.88	.070	.014	.009	.003	1.74	1.65	1.72	1.74	661	34,556	260,809	.002	.541	.064	-.13	-.02	-.07
e. QIadmin	696	4.64	5.00	4.76	4.89	.066	.013	.009	.003	1.74	1.63	1.71	1.73	748	38,529	301,914	.000	.063	.000	-.22	-.07	-.14
14 a. empstudy	730	3.08	3.09	3.16	3.14	.028	.006	.004	.001	.76	.76	.77	.76	17,278	757	310,052	.595	.004	.023	-.02	-.11	-.08
b. SEacademic	722	2.75	2.89	2.90	2.94	.030	.006	.004	.002	.80	.83	.84	.85	17,147	39,093	308,060	.000	.000	.000	-.18	-.19	-.23
c. SElearnsup	718	2.52	2.78	2.81	2.84	.034	.007	.005	.002	.90	.92	.92	.93	17,130	39,083	308,184	.000	.000	.000	-.28	-.32	-.35

# NSSE 2017 Frequencies and Statistical Comparisons

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

### University of North Dakota

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UND	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	UND	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017
d. SEdiverse	725	2.34	2.51	2.55	2.61	.035	.008	.005	.002	.94	.97	.99	.99	795	755	728	.000	.000	.000	-.18	-.22	-.28
e. SESocial	722	2.66	2.82	2.84	2.81	.033	.007	.005	.002	.87	.89	.90	.93	17,111	38,998	307,438	.000	.000	.000	-.19	-.21	-.16
f. SEwellness	714	2.71	2.76	2.76	2.73	.033	.007	.005	.002	.89	.92	.94	.96	17,081	743	717	.198	.131	.624	-.05	-.05	-.02
g. SEonacad	722	1.99	2.04	2.06	2.08	.033	.007	.005	.002	.90	.95	.97	.98	793	753	725	.125	.044	.005	-.06	-.07	-.10
h. SEactivities	720	2.50	2.63	2.62	2.55	.034	.007	.005	.002	.91	.95	.96	1.00	17,033	750	724	.000	.000	.088	-.14	-.13	-.06
i. SEevents	718	2.16	2.37	2.38	2.36	.034	.007	.005	.002	.90	.93	.95	.97	785	747	721	.000	.000	.000	-.23	-.23	-.21
15 a. tmprephrs	719	15.91	15.04	15.16	15.22	.342	.069	.046	.016	9.18	8.80	8.94	8.87	17,049	38,855	306,209	.010	.027	.037	.10	.08	.08
b. tmcocurrhrs	718	4.38	5.06	5.22	4.90	.238	.055	.036	.013	6.38	6.96	7.02	7.07	794	750	721	.006	.001	.031	-.10	-.12	-.07
c. tmworkonhrs	719	3.83	4.15	4.20	3.60	.295	.059	.039	.013	7.90	7.48	7.53	7.08	17,015	38,761	720	.261	.191	.437	-.04	-.05	.03
d. tmworkoffhrs	719	13.48	12.75	11.06	12.78	.490	.102	.065	.024	13.14	13.04	12.61	13.41	16,983	744	305,237	.139	.000	.158	.06	.19	.05
— tmworkhrs	718	17.31	16.83	15.22	16.33	.489	.100	.066	.024	13.11	12.75	12.91	13.39	16,908	38,569	303,814	.323	.000	.049	.04	.16	.07
e. tmsevicehrs	718	2.56	2.79	3.13	3.24	.176	.038	.027	.010	4.70	4.83	5.30	5.51	16,969	751	721	.197	.001	.000	-.05	-.11	-.12
f. tmrelaxhrs	718	10.96	10.97	10.97	10.54	.286	.063	.042	.015	7.67	7.99	8.16	8.10	16,993	748	305,218	.980	.981	.168	.00	.00	.05
g. tmcarehrs	718	5.23	5.33	4.81	6.36	.403	.084	.051	.020	10.79	10.74	9.96	11.30	16,974	740	720	.805	.292	.005	-.01	.04	-.10
h. tmcommutehrs	716	3.22	4.48	5.19	4.85	.157	.041	.030	.011	4.19	5.30	5.85	6.03	819	769	722	.000	.000	.000	-.24	-.34	-.27
16. reading	715	2.66	2.75	2.77	2.86	.043	.009	.006	.002	1.16	1.18	1.20	1.18	17,002	38,717	305,186	.048	.017	.000	-.08	-.09	-.17
— tmreadinghrs	713	7.05	6.85	6.97	7.36	.239	.048	.032	.012	6.37	6.15	6.27	6.43	16,938	38,565	303,943	.399	.727	.210	.03	.01	-.05
17 a. pgwrite	709	2.74	2.88	2.94	3.01	.034	.007	.005	.002	.91	.90	.91	.89	769	735	712	.000	.000	.000	-.16	-.21	-.29
b. pgspeak	716	2.70	2.81	2.88	2.91	.035	.007	.005	.002	.94	.93	.93	.93	16,955	742	719	.001	.000	.000	-.12	-.20	-.22
c. pgthink	714	3.21	3.24	3.28	3.29	.030	.006	.004	.001	.79	.79	.79	.79	16,948	38,635	304,432	.297	.013	.005	-.04	-.09	-.11
d. pganalyze	714	2.92	2.81	2.89	2.85	.035	.008	.005	.002	.93	.96	.96	.97	782	742	716	.002	.323	.049	.11	.04	.07
e. pgwork	712	2.94	2.95	2.91	2.92	.036	.007	.005	.002	.95	.95	.96	.96	16,956	38,643	304,439	.804	.503	.693	-.01	.03	.01
f. pgothers	713	2.90	2.98	3.04	3.03	.033	.007	.005	.002	.89	.88	.88	.89	16,933	38,606	304,130	.019	.000	.000	-.09	-.15	-.14
g. pgvalues	715	2.61	2.70	2.80	2.83	.038	.008	.005	.002	1.00	.99	.99	.99	16,940	38,595	717	.018	.000	.000	-.09	-.18	-.22
h. pgdiverse	713	2.45	2.70	2.77	2.83	.038	.008	.005	.002	1.01	.97	.99	.98	771	738	715	.000	.000	.000	-.26	-.33	-.39
i. pgprobsolve	709	2.79	2.75	2.82	2.82	.035	.007	.005	.002	.94	.94	.95	.95	16,915	38,563	303,882	.348	.437	.412	.04	-.03	-.03
j. pgcitizen	711	2.47	2.59	2.65	2.70	.037	.008	.005	.002	.99	.98	1.00	1.00	16,872	38,433	302,855	.002	.000	.000	-.12	-.18	-.23
18. evalexp	712	3.07	3.22	3.23	3.26	.028	.006	.004	.001	.76	.77	.77	.77	776	739	714	.000	.000	.000	-.19	-.20	-.25
19. sameinst	714	3.06	3.22	3.21	3.23	.031	.007	.004	.002	.84	.83	.85	.84	776	740	716	.000	.000	.000	-.19	-.17	-.20

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### Endnotes

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