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# NSSE 2015

## Frequencies and Statistical Comparisons

University of North Dakota

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**Please note:** The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

# NSSE 2015 Frequencies and Statistical Comparisons

## About This Report

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

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

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

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

**NSSE 2015 Frequencies and Statistical Comparisons**  
NSSEville State University

Seniors ← 1

Item wording or description	Variable name <sup>a</sup>	Values <sup>b</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NSSEville State		GLC Peers		Private Master's S		NSSE 2014 & 2015		NSSEville State	GLC Peers	Private Master's S	NSSE 2014 & 2015				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>c</sup>	Mean	Effect size <sup>c</sup>	Mean	Effect size <sup>c</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	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
		2	Sometimes	152	20	4,397	27	845	29	75,222	33								
		3	Often	212	33	5,947	37	1,086	38	81,724	35								
		4	Very often	280	46	5,440	34	889	31	66,983	29								
			Total	630	100	16,028	100	2,874	100	230,881	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)																			
	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34								
		3	Often	164	26	4,548	29	1,311	47	57,348	29								
		4	Very often	113	19	3,072	21	611	21	47,208	21								
			Total	626	100	15,948	100	2,858	100	229,541	100								
c. Evaluated what others have concluded from numerical information																			
	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13								
		3	Often	384	63	9,147	57	1,586	57	128,802	56								
		4	Very often	150	24	4,267	27	851	29	58,873	26								
			Total	615	100	15,858	100	2,833	100	228,352	100								

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

8. **Key to symbols:**

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

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

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				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	11	3	292	4	1,249	4	15,100	5	<b>2.7</b>	2.8	-.06	2.8	-.05	2.8	-.09
		2	Sometimes	150	42	3,315	38	11,078	38	105,882	36							
		3	Often	123	34	3,092	36	9,880	34	97,575	33							
		4	Very often	77	21	1,958	23	6,865	24	75,581	26							
		Total		361	100	8,657	100	29,072	100	294,138	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	37	11	1,415	17	5,036	18	52,394	18	<b>2.8</b>	2.5 ***	.36	2.5 ***	.33	2.5 ***	.32
		2	Sometimes	89	25	3,179	37	9,895	34	102,061	34							
		3	Often	129	36	2,508	29	8,218	28	82,808	29							
		4	Very often	104	28	1,509	17	5,687	19	55,148	19							
		Total		359	100	8,611	100	28,836	100	292,411	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	31	9	437	5	1,787	6	17,982	6	<b>2.9</b>	3.0	-.10	2.9	-.02	3.0	-.05
		2	Often	42	12	1,061	13	4,274	15	41,486	14							
		3	Sometimes	193	54	4,920	57	16,230	56	161,835	55							
		4	Never	91	25	2,124	25	6,422	22	69,757	24							
		Total		357	100	8,542	100	28,713	100	291,060	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	120	35	2,742	34	10,359	38	109,943	39	<b>1.9</b>	2.0	-.07	1.9	.00	1.9	.02
		2	Sometimes	152	41	3,514	41	11,168	39	108,335	37							
		3	Often	58	16	1,483	17	4,471	15	45,680	15							
		4	Very often	26	7	782	9	2,504	8	25,703	9							
		Total		356	100	8,521	100	28,502	100	289,661	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	20	7	642	9	2,193	9	23,906	10	<b>2.7</b>	2.6 **	.15	2.6 *	.12	2.6 **	.16
		2	Sometimes	124	36	3,411	41	11,073	40	114,630	40							
		3	Often	135	37	3,000	34	9,749	34	97,706	33							
		4	Very often	76	21	1,431	17	5,373	18	52,856	17							
		Total		355	100	8,484	100	28,388	100	289,098	100							
f. Explained course material to one or more students	CLexplain	1	Never	8	3	388	5	1,062	4	12,287	5	<b>2.8</b>	2.7 *	.12	2.7	.05	2.7	.09
		2	Sometimes	128	36	3,250	39	10,312	37	106,625	38							
		3	Often	143	40	3,290	38	11,033	39	110,364	38							
		4	Very often	74	21	1,471	18	5,643	20	55,372	19							
		Total		353	100	8,399	100	28,050	100	284,648	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	39	12	1,182	15	3,655	14	38,208	15	<b>2.6</b>	2.5	.10	2.6	.04	2.5	.05
		2	Sometimes	124	35	3,147	37	10,003	36	100,256	35							
		3	Often	118	33	2,538	29	8,521	30	86,624	30							
		4	Very often	74	20	1,544	18	5,842	20	59,786	20							
		Total		355	100	8,411	100	28,021	100	284,874	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	16	5	588	8	1,890	7	22,647	9	<b>2.7</b>	2.6	.09	2.6	.04	2.6	.04
		2	Sometimes	141	40	3,416	41	11,072	40	107,155	38							
		3	Often	136	38	2,969	34	9,736	35	98,052	34							
		4	Very often	59	17	1,393	16	5,146	18	55,638	19							
		Total		352	100	8,366	100	27,844	100	283,492	100							
i. Given a course presentation	present	1	Never	69	22	1,687	22	5,547	21	62,558	23	<b>2.2</b>	2.2	-.05	2.2	-.06	2.2	-.06
		2	Sometimes	174	47	3,681	44	12,740	45	122,003	43							
		3	Often	70	22	2,108	25	6,560	24	66,336	24							
		4	Very often	33	9	796	10	2,767	10	30,434	11							
		Total		346	100	8,272	100	27,614	100	281,331	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	21	6	472	6	1,696	7	17,209	7	<b>2.7</b>	2.7	.01	2.7	.00	2.7	-.02
		2	Sometimes	128	37	3,174	39	10,201	38	102,037	37							
		3	Often	135	40	3,105	38	9,903	37	102,931	37							
		4	Very often	56	17	1,388	17	5,051	19	54,237	20							
		Total		340	100	8,139	100	26,851	100	276,414	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	31	9	706	9	2,314	9	22,776	9	<b>2.5</b>	2.6	-.07	2.6	-.11	2.6 **	-.15
		2	Sometimes	156	47	3,453	42	10,385	40	103,807	38							
		3	Often	101	29	2,717	34	9,259	34	96,901	35							
		4	Very often	50	15	1,193	15	4,603	17	49,929	18							
		Total		338	100	8,069	100	26,561	100	273,413	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	44	14	874	11	2,815	11	31,697	12	<b>2.4</b>	2.5 **	-.15	2.5 ***	-.18	2.5 ***	-.18
		2	Sometimes	166	48	3,457	43	10,535	40	106,596	39							
		3	Often	82	25	2,576	32	8,652	32	88,532	32							
		4	Very often	47	13	1,164	15	4,520	17	46,488	17							
		Total		339	100	8,071	100	26,522	100	273,313	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class		NSSE 2015					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	37	10	456	5	1,306	5	15,205	6	<b>2.6</b>	2.7 **	-0.16	2.8 ***	-0.20	2.8 ***	-0.20			
		2	Sometimes	119	35	2,882	35	8,823	33	90,925	33								▽	▽	▽
		3	Often	126	39	3,303	42	10,947	41	112,306	41										
		4	Very often	55	16	1,413	18	5,305	20	53,961	20										
		Total		337	100	8,054	100	26,381	100	272,397	100										
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	13	4	289	4	975	4	10,828	4	<b>2.8</b>	2.8	-0.11	2.9 *	-0.13	2.9 *	-0.13			
		2	Sometimes	127	38	2,525	31	7,823	30	80,883	30										
		3	Often	126	37	3,471	43	11,027	41	114,272	42										
		4	Very often	69	22	1,755	23	6,495	25	65,725	25								▽	▽	▽
		Total		335	100	8,040	100	26,320	100	271,708	100										
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	12	4	235	3	798	3	7,760	3	<b>2.7</b>	2.8	-0.07	2.8 *	-0.11	2.9 **	-0.15			
		2	Sometimes	127	37	2,753	34	8,336	33	82,576	31										
		3	Often	130	39	3,423	43	10,911	41	115,320	42										
		4	Very often	65	20	1,592	20	6,212	23	65,399	24								▽	▽	▽
		Total		334	100	8,003	100	26,257	100	271,055	100										
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	1	120	2	385	2	4,177	2	<b>3.0</b>	3.0	-0.06	3.1 *	-0.11	3.1 *	-0.14			
		2	Sometimes	94	29	1,882	24	5,644	22	55,931	21										
		3	Often	137	40	3,695	46	11,698	44	120,648	44										
		4	Very often	99	29	2,260	29	8,386	32	89,060	33								▽	▽	▽
		Total		334	100	7,957	100	26,113	100	269,816	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	64	20	1,357	18	5,974	23	71,553	26	<b>2.3</b>	2.3	.02	2.2 *	.13	2.1 **	.17			
		2	Sometimes	145	42	3,887	48	12,054	46	117,719	43										
		3	Often	89	26	1,898	24	5,460	21	54,223	20										
		4	Very often	40	12	861	11	2,689	10	27,361	10								△	△	△
		Total		338	100	8,003	100	26,177	100	270,856	100										
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	157	46	3,903	49	13,767	53	147,975	55	<b>1.8</b>	1.8	.01	1.7	.10	1.7 *	.13			
		2	Sometimes	110	33	2,483	31	7,653	29	74,721	27										
		3	Often	50	15	1,063	13	3,025	12	30,843	11										
		4	Very often	20	6	533	7	1,621	6	16,188	6										△
		Total		337	100	7,982	100	26,066	100	269,727	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	118	35	2,517	32	8,644	33	90,505	34	<b>2.0</b>	2.0	-.05	2.0	-.03	2.0	-.03
		2	Sometimes	140	40	3,568	44	11,234	43	112,395	41							
		3	Often	61	18	1,317	17	4,247	17	46,071	17							
		4	Very often	18	6	553	7	1,893	7	20,405	8							
		Total		337	100	7,955	100	26,018	100	269,376	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	80	23	1,896	24	6,911	27	78,039	29	<b>2.1</b>	2.1	-.02	2.1	.02	2.1	.04
		2	Sometimes	169	50	3,920	49	12,080	46	118,682	44							
		3	Often	64	19	1,484	19	4,779	19	49,526	19							
		4	Very often	23	7	639	8	2,170	8	22,228	9							
		Total		336	100	7,939	100	25,940	100	268,475	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	7	2	234	3	860	3	10,290	4	<b>3.0</b>	3.0	.01	3.0	-.01	3.0	.02
		2	Some	80	24	1,829	24	5,972	23	63,748	24							
		3	Quite a bit	156	47	3,621	45	11,299	43	114,749	43							
		4	Very much	90	27	2,278	28	7,938	30	80,716	30							
		Total		333	100	7,962	100	26,069	100	269,503	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	10	3	291	4	947	4	9,481	4	<b>2.9</b>	2.9	.01	3.0	-.08	3.0	-.09
		2	Some	80	25	2,067	26	5,893	23	61,165	23							
		3	Quite a bit	167	49	3,598	45	11,411	44	117,961	44							
		4	Very much	76	23	1,965	24	7,677	29	79,537	29							
		Total		333	100	7,921	100	25,928	100	268,144	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	9	2	366	5	1,012	4	10,549	4	<b>2.9</b>	2.9	.01	3.0	-.10	3.0	-.10
		2	Some	98	30	2,093	27	6,037	24	63,664	24							
		3	Quite a bit	146	44	3,527	45	11,080	43	112,877	42							
		4	Very much	80	24	1,909	24	7,653	29	79,941	30							
		Total		333	100	7,895	100	25,782	100	267,031	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	15	5	392	5	1,152	5	13,862	5	<b>2.8</b>	2.8	.00	2.9	-.10	2.9	-.09
		2	Some	98	29	2,305	29	6,844	27	70,388	26							
		3	Quite a bit	146	44	3,497	44	10,922	42	111,827	42							
		4	Very much	75	22	1,704	22	6,898	27	70,972	27							
		Total		334	100	7,898	100	25,816	100	267,049	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	14	5	421	5	1,316	5	14,363	6	<b>2.8</b>	2.8	.01	2.9	-.07	2.9	-.07
		2	Some	100	29	2,334	29	7,020	28	70,798	27							
		3	Quite a bit	142	43	3,430	44	10,588	41	110,835	41							
		4	Very much	73	22	1,702	22	6,809	26	70,463	26							
		Total		329	100	7,887	100	25,733	100	266,459	100							
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	8	3	115	2	513	2	5,252	2	<b>3.0</b>	3.1 ***	-.21	3.1 **	-.17	3.1 ***	-.21
		2	Some	79	24	1,442	18	4,885	19	47,876	18							
		3	Quite a bit	157	46	3,745	46	11,918	46	122,396	45							
		4	Very much	91	27	2,646	34	8,677	33	93,420	35							
		Total		335	100	7,948	100	25,993	100	268,944	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	6	2	171	2	690	3	6,408	3	<b>3.0</b>	3.1	-.10	3.1	-.07	3.1 *	-.11
		2	Some	82	23	1,531	19	4,983	20	49,603	19							
		3	Quite a bit	160	48	3,811	48	12,147	47	125,732	46							
		4	Very much	87	27	2,414	31	8,090	31	86,475	33							
		Total		335	100	7,927	100	25,910	100	268,218	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	8	3	231	3	806	3	8,090	3	<b>3.0</b>	3.1	-.08	3.1	-.07	3.1 *	-.10
		2	Some	81	23	1,682	21	5,458	22	53,272	20							
		3	Quite a bit	146	46	3,443	43	10,763	41	111,436	41							
		4	Very much	98	28	2,548	33	8,808	34	94,652	35							
		Total		333	100	7,904	100	25,835	100	267,450	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	26	8	619	8	2,187	9	26,625	10	<b>2.7</b>	2.8	-.06	2.8	-.06	2.8	-.06
		2	Some	110	33	2,447	31	7,661	30	77,378	29							
		3	Quite a bit	120	37	2,879	36	9,204	35	91,784	34							
		4	Very much	76	22	1,960	25	6,773	26	71,517	27							
		Total		332	100	7,905	100	25,825	100	267,304	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	30	9	666	9	2,508	10	25,293	10	<b>2.7</b>	2.7	-.07	2.7	-.03	2.7	-.08
		2	Some	110	33	2,506	31	8,345	32	82,327	31							
		3	Quite a bit	135	40	3,036	38	9,236	36	96,549	36							
		4	Very much	58	18	1,655	22	5,636	22	62,192	24							
		Total		333	100	7,863	100	25,725	100	266,361	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>							
<b>6. During the current school year, about how often have you done the following?</b>																									
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1 2 3 4	Never Sometimes Often Very often	36 116 133 49	9 34 41 16	1,089 2,883 2,674 1,288	13 35 34 17	3,278 8,870 8,940 4,860	12 33 35 19	41,814 93,869 87,457 45,314	15 34 33 18	<b>2.6</b>	2.6	.09	2.6	.04	2.5 *	.11							
				334	100	7,934	100	25,948	100	268,454	100														
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	57 145 95 36	16 44 29 12	1,774 3,285 2,018 847	22 41 26 12	5,610 10,203 6,842 3,252	22 39 27 13	64,119 105,448 67,277 30,993	23 39 26 12								<b>2.4</b>	2.3	.10	2.3	.06	2.3	.10
				333	100	7,924	100	25,907	100	267,837	100														
c. Evaluated what others have concluded from numerical information	QRevaluate	1 2 3 4	Never Sometimes Often Very often	59 151 91 31	16 45 28 11	1,712 3,372 2,036 772	21 42 27 10	5,177 10,502 7,153 2,962	20 40 28 12	61,006 108,458 68,711 28,488	22 40 26 11														
				332	100	7,892	100	25,794	100	266,663	100														
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																									
a. Up to 5 pages	wrshortnum	0 1.5 4 8 13 18 23	None 1-2 3-5 6-10 11-15 16-20 More than 20	13 48 87 107 24 16 13	4 15 31 34 7 5 4	317 1,721 2,373 1,692 724 305 305	5 23 32 22 10 4 4	977 4,492 7,423 5,949 2,418 1,103 1,309	5 20 32 25 10 4 5	11,426 47,389 76,955 60,954 25,484 11,415 12,511	5 20 32 24 10 4 5	<b>6.9</b>	6.3	.11	6.7	.03	6.7	.03							
				308	100	7,437	100	23,671	100	246,134	100														
b. Between 6 and 10 pages	wrmednum	0 1.5 4 8 13 18 23	None 1-2 3-5 6-10 11-15 16-20 More than 20	62 136 72 25 4 0 2	21 46 23 7 1 0 1	2,869 3,029 924 268 71 16 19	41 41 13 4 1 0 0	7,129 9,849 4,168 1,347 318 100 108	33 42 17 6 1 0 1	70,141 99,724 47,484 16,526 3,816 1,208 1,076	31 41 19 7 2 1 0								<b>2.6</b>	1.7 ***	.34	2.2 *	.14	2.3	.09
				301	100	7,196	100	23,019	100	239,975	100														

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				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>
c. 11 pages or more	wrlongnum	0	None	212	73	5,863	83	16,953	76	166,255	73	<b>.7</b>	.6	.06	.8	-.04	1.0	-.08	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	67	21	912	13	3,968	17	46,939	19								
		4	3-5	10	4	122	2	680	3	9,901	4								
		8	6-10	3	1	72	1	314	2	4,269	2								
		13	11-15	1	0	46	1	174	1	2,233	1								
		18	16-20	1	0	12	0	69	0	856	0								
		23	More than 20	1	0	26	0	130	1	1,351	1								
	Total			295	100	7,053	100	22,288	100	231,804	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>49.8</b>	39.3 *** △	.21	47.9	.03	50.3	-.01	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	22	7	447	6	1,156	5	11,903	5	<b>2.7</b>	2.9 ***	-.28	3.1 ***	-.46	3.1 ***	-.49	
		2	Sometimes	129	40	2,349	30	5,772	24	57,504	23								
		3	Often	102	32	2,340	31	7,221	30	73,280	29								
		4	Very often	62	20	2,394	33	9,838	41	108,765	43								
			Total	315	100	7,530	100	23,987	100	251,452	100								
b. People from an economic background other than your own	DDeconomic	1	Never	13	5	369	5	1,094	5	11,917	5	<b>2.9</b>	3.0 *	-.14	3.1 ***	-.25	3.1 ***	-.24	
		2	Sometimes	99	31	1,972	26	5,304	22	56,040	22								
		3	Often	118	38	2,731	36	8,213	34	83,986	33								
		4	Very often	83	26	2,448	33	9,328	39	98,760	39								
			Total	313	100	7,520	100	23,939	100	250,703	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	17	5	428	6	1,799	7	17,041	7	<b>2.8</b>	3.0 **	-.17	3.0 ***	-.21	3.0 ***	-.21	
		2	Sometimes	110	35	2,009	27	5,901	24	62,021	25								
		3	Often	103	34	2,477	33	7,125	30	73,866	30								
		4	Very often	84	26	2,590	35	9,082	39	97,349	39								
			Total	314	100	7,504	100	23,907	100	250,277	100								
d. People with political views other than your own	DDpolitical	1	Never	16	5	494	7	1,623	7	18,213	8	<b>2.9</b>	2.9	-.04	3.0	-.08	3.0	-.05	
		2	Sometimes	96	30	1,990	26	6,133	25	65,105	26								
		3	Often	110	36	2,552	34	7,499	32	77,595	31								
		4	Very often	90	29	2,432	33	8,523	36	88,221	36								
			Total	312	100	7,468	100	23,778	100	249,134	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	LSreading	1	Never	8	3	144	2	417	2	4,289	2	<b>3.0</b>	3.1	-10	3.1 **	-15	3.1 ***	-20
		2	Sometimes	69	23	1,568	21	4,570	20	44,362	18							
		3	Often	143	45	3,297	44	10,240	43	107,246	43							
		4	Very often	92	28	2,478	32	8,593	35	94,067	37							
		Total		312	100	7,487	100	23,820	100	249,964	100							
b. Reviewed your notes after class	LSnotes	1	Never	19	7	413	6	1,183	5	14,371	6	<b>2.8</b>	2.9	-07	2.9	-10	2.9	-09
		2	Sometimes	93	32	2,361	32	7,377	31	78,462	31							
		3	Often	112	35	2,488	33	7,819	33	81,046	33							
		4	Very often	86	26	2,204	29	7,376	31	75,271	31							
		Total		310	100	7,466	100	23,755	100	249,150	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	24	9	506	7	1,690	8	17,263	7	<b>2.7</b>	2.8	-07	2.8	-09	2.8 *	-13
		2	Sometimes	105	35	2,439	33	7,366	31	75,652	30							
		3	Often	104	32	2,604	35	8,257	35	86,307	35							
		4	Very often	76	24	1,847	25	6,185	26	67,351	27							
		Total		309	100	7,396	100	23,498	100	246,573	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	2	1	26	0	80	0	1,061	1	<b>5.4</b>	5.4	-05	5.5 *	-12	5.5 *	-12
		2		3	1	56	1	226	1	2,594	1							
		3		7	3	209	3	677	3	7,477	3							
		4		31	10	814	11	2,407	10	25,176	10							
		5		114	37	2,604	35	7,716	32	79,344	32							
		6		107	34	2,412	31	7,550	31	79,372	31							
		7	Very much	47	14	1,346	18	5,100	21	54,113	22							
		Total		311	100	7,467	100	23,756	100	249,137	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		37	12	823	12	2,258	10	27,590	12	<b>6%</b>	7%	-04	9%	-11	9%	-11
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	11	3	315	5	743	3	11,529	5							
		Plan to do	246	79	5,788	76	18,648	78	186,794	74								
		Done or in progress	17	6	542	7	2,104	9	23,145	9								
		Total	311	100	7,468	100	23,753	100	249,058	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	79	27	2,162	28	6,285	26	67,380	27	<b>13%</b>	13%	.01	12%	.03	11%	.05	
			Do not plan to do	74	24	1,662	23	5,160	23	61,710	26								
			Plan to do	114	36	2,697	36	9,317	39	90,499	36								
			Done or in progress	42	13	920	13	2,891	12	28,600	11								
			Total	309	100	7,441	100	23,653	100	248,189	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	84	28	2,359	31	6,461	26	78,335	31	<b>15%</b>	14%	.01	20% *	-0.14	15%	.00	
			Do not plan to do	104	33	2,268	31	6,765	29	70,187	29								
			Plan to do	77	24	1,802	24	5,864	25	63,794	26								
			Done or in progress	47	15	999	14	4,530	20	35,274	15								
			Total	312	100	7,428	100	23,620	100	247,590	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	91	29	2,250	30	6,235	26	67,893	28	<b>2%</b>	3%	-0.10	3%	-0.12	4%	-0.12	
			Do not plan to do	115	39	2,186	30	5,632	25	63,020	27								
			Plan to do	100	30	2,770	36	10,944	45	108,027	42								
			Done or in progress	5	2	206	3	787	3	8,588	4								
			Total	311	100	7,412	100	23,598	100	247,528	100								
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	113	36	2,931	39	8,462	36	91,853	37	<b>6%</b>	5%	.04	6%	.01	5%	.03	
			Do not plan to do	91	28	1,948	26	5,058	22	56,515	23								
			Plan to do	89	30	2,173	30	8,710	37	85,615	35								
			Done or in progress	17	6	341	5	1,278	6	12,471	5								
			Total	310	100	7,393	100	23,508	100	246,454	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	55	17	2,546	34	7,342	31	78,932	32	<b>4%</b>	3%	.06	3%	.03	3%	.03	
			Do not plan to do	16	5	766	11	2,131	10	27,434	12								
			Plan to do	231	75	3,919	53	13,376	56	133,201	53								
			Done or in progress	10	4	187	3	665	3	6,978	3								
			Total	312	100	7,418	100	23,514	100	246,545	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
	servcourse	1	None	128	41	3,434	48	11,910	51	123,467	51	<b>1.7</b>	1.6	.10	1.6 **	.15	1.6 *	.12	
			2	Some	158	51	3,416	45	9,862	42	103,291								42
			3	Most	21	7	453	6	1,334	6	15,863								7
			4	All	1	0	68	1	225	1	2,674								1
			Total	308	100	7,371	100	23,331	100	245,295	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				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	4	1	95	1	371	2	4,013	2	<b>5.6</b>	5.5	.07	5.5	.10	5.5	.07	
		2		4	1	133	2	498	2	5,193	2								
		3		12	4	319	5	1,098	5	11,120	5								
		4		29	10	760	10	2,514	11	24,146	10								
		5		71	21	1,707	23	5,565	23	56,110	23								
		6		104	33	2,310	30	6,993	29	73,846	29								
		7	Excellent	88	29	2,086	28	6,565	27	72,712	29								
		—	Not applicable	2	1	40	1	119	1	1,538	1								
			Total	314	100	7,450	100	23,723	100	248,678	100								
b. Academic advisors	QIadvisor	1	Poor	9	3	245	3	1,045	5	11,009	5	<b>5.1</b>	5.2	-.08	5.0	.03	5.1	.02	
		2		24	8	360	5	1,323	6	13,246	5								
		3		31	9	577	8	2,027	9	19,855	8								
		4		41	13	1,001	13	3,275	14	32,257	13								
		5		57	18	1,428	19	4,638	19	46,596	19								
		6		56	17	1,729	23	4,999	21	50,868	20								
		7	Excellent	88	30	2,014	28	5,677	25	57,766	24								
		—	Not applicable	7	3	81	1	673	3	16,393	6								
			Total	313	100	7,435	100	23,657	100	247,990	100								
c. Faculty	QIfaculty	1	Poor	4	1	117	2	525	2	6,176	3	<b>5.1</b>	5.3 *	-0.13	5.1	-0.04	5.2	-0.08	
		2		6	2	257	3	923	4	8,841	4								
		3		38	12	463	6	1,682	7	16,262	7								
		4		44	14	1,032	14	3,386	14	33,203	14								
		5		90	29	1,924	25	6,072	26	60,121	24								
		6		77	25	2,114	29	6,422	27	68,292	27								
		7	Excellent	48	16	1,435	20	4,246	18	49,565	20								
		—	Not applicable	3	1	49	1	232	1	4,179	2								
			Total	310	100	7,391	100	23,488	100	246,639	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	13	4	278	4	1,155	5	12,238	5	<b>5.0</b>	5.0	-.04	4.8	.08	4.9	.05	
		2		13	4	347	5	1,263	5	12,232	5								
		3		25	8	529	7	1,816	8	17,920	7								
		4		43	14	1,023	13	3,501	15	32,452	13								
		5		74	23	1,587	21	4,777	20	48,864	19								
		6		86	27	1,710	22	5,061	21	51,972	20								
		7	Excellent	46	14	1,400	19	3,803	16	42,699	17								
		—	Not applicable	13	5	532	8	2,143	10	28,657	12								
	Total	313	100	7,406	100	23,519	100	247,034	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	18	6	283	4	1,270	6	12,807	6	<b>4.9</b>	5.0	-.06	4.7	.08	4.8	.03	
		2		15	4	398	5	1,551	7	14,696	6								
		3		23	7	571	8	2,055	9	20,494	8								
		4		52	17	1,104	15	3,684	16	35,465	14								
		5		69	22	1,619	22	4,898	21	50,196	20								
		6		75	23	1,684	22	4,666	20	50,686	20								
		7	Excellent	46	16	1,323	18	3,542	15	41,724	17								
		—	Not applicable	13	5	427	6	1,910	8	21,137	8								
	Total	311	100	7,409	100	23,576	100	247,205	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	7	3	84	1	320	2	3,557	2	<b>3.1</b>	3.2 *	-.14	3.2 **	-.18	3.2 **	-.18	
		2	Some	56	19	1,049	16	3,255	16	33,402	15								
		3	Quite a bit	140	48	3,296	47	9,574	44	103,090	44								
		4	Very much	91	31	2,581	36	8,855	39	93,013	39								
			Total	294	100	7,010	100	22,004	100	233,062	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	8	3	237	4	794	4	8,352	4	<b>3.0</b>	3.1	-.07	3.1	-.08	3.1	-.07	
		2	Some	71	24	1,319	20	4,162	20	44,584	20								
		3	Quite a bit	122	43	2,978	43	8,813	40	95,213	41								
		4	Very much	90	31	2,446	34	8,088	36	83,422	35								
			Total	291	100	6,980	100	21,857	100	231,571	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	19	6	365	5	1,162	6	13,277	6	<b>3.0</b>	3.1 *	-.13	3.1 *	-.13	3.1	-.11	
		2	Some	63	22	1,192	18	3,829	18	42,760	19								
		3	Quite a bit	112	38	2,635	38	7,869	36	84,166	36								
		4	Very much	99	33	2,782	39	8,993	40	91,311	39								
			Total	293	100	6,974	100	21,853	100	231,514	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				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	33	11	751	11	2,707	13	30,068	13	<b>2.6</b>	2.7	-.11	2.7	-.10	2.7	-.09
		2	Some	103	37	2,176	31	6,546	30	68,533	29							
		3	Quite a bit	97	34	2,270	32	6,933	32	74,525	32							
		4	Very much	60	19	1,778	25	5,695	26	58,735	25							
		Total		293	100	6,975	100	21,881	100	231,861	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	12	5	305	5	1,180	6	14,258	7	<b>2.9</b>	3.0	-.11	3.0	-.08	3.0	-.03
		2	Some	75	26	1,459	22	4,607	22	52,139	23							
		3	Quite a bit	121	41	2,722	39	8,394	39	88,087	38							
		4	Very much	84	29	2,482	35	7,679	34	77,110	33							
		Total		292	100	6,968	100	21,860	100	231,594	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	12	5	333	5	1,331	6	15,915	7	<b>3.0</b>	3.0	-.06	3.0	-.01	2.9	.03
		2	Some	62	23	1,442	22	4,696	22	52,073	23							
		3	Quite a bit	130	44	2,732	39	8,374	38	88,131	38							
		4	Very much	84	29	2,447	35	7,386	33	74,656	32							
		Total		288	100	6,954	100	21,787	100	230,775	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	46	16	1,385	21	4,556	22	50,086	22	<b>2.4</b>	2.4	.07	2.4	.07	2.4	.09
		2	Some	108	38	2,541	36	7,626	35	81,412	35							
		3	Quite a bit	95	33	1,961	28	5,970	27	63,247	27							
		4	Very much	41	14	1,059	15	3,614	16	35,843	16							
		Total		290	100	6,946	100	21,766	100	230,588	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	9	3	355	6	1,522	7	20,399	10	<b>3.0</b>	3.0	.04	2.9	.09	2.8 ***	.17
		2	Some	68	25	1,589	23	5,205	24	57,259	25							
		3	Quite a bit	120	41	2,798	40	8,157	37	85,284	36							
		4	Very much	90	31	2,198	31	6,828	31	67,170	28							
		Total		287	100	6,940	100	21,712	100	230,112	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	46	17	837	12	3,083	15	33,962	16	<b>2.5</b>	2.6 **	-.17	2.6 *	-.12	2.6	-.10
		2	Some	105	36	2,331	34	7,176	33	75,215	33							
		3	Quite a bit	93	32	2,393	35	6,979	32	74,091	32							
		4	Very much	42	15	1,351	19	4,422	20	46,143	20							
		Total		286	100	6,912	100	21,660	100	229,411	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	2	1	25	0	117	1	1,202	1	<b>13.1</b>	13.2	-.02	14.5 **	-.17	14.4 **	-.15
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	43	16	1,014	16	2,843	14	32,113	15							
	8	6-10 hrs	72	26	1,848	27	5,094	24	52,613	24								
	13	11-15 hrs	68	24	1,627	23	4,688	22	48,240	21								
	18	16-20 hrs	50	17	1,190	17	3,824	17	40,623	17								
	23	21-25 hrs	30	9	647	9	2,547	11	26,222	11								
	28	26-30 hrs	16	4	342	5	1,371	6	15,150	6								
	33	More than 30 hrs	10	3	264	4	1,367	6	15,212	6								
	Total			291	100	6,957	100	21,851	100	231,375	100							
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	87	29	1,949	29	7,033	33	78,952	36	<b>5.2</b>	5.5	-.05	5.3	-.01	5.0	.03
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	111	38	2,603	36	7,548	34	78,633	33							
	8	6-10 hrs	48	17	1,210	17	3,505	16	34,734	15								
	13	11-15 hrs	19	7	571	8	1,757	8	17,905	8								
	18	16-20 hrs	19	7	308	5	1,009	5	10,522	4								
	23	21-25 hrs	4	2	143	2	433	2	4,707	2								
	28	26-30 hrs	2	1	48	1	178	1	2,000	1								
	33	More than 30 hrs	2	1	82	1	246	1	2,431	1								
	Total			292	100	6,914	100	21,709	100	229,884	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	203	69	5,368	77	17,192	80	183,607	81	<b>3.5</b>	2.6 **	.17	2.4 **	.19	2.1 ***	.26
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	9	3	307	4	771	3	10,728	4							
	8	6-10 hrs	31	12	596	8	1,332	6	17,303	7								
	13	11-15 hrs	30	11	375	5	1,164	5	9,746	4								
	18	16-20 hrs	14	5	214	3	949	4	5,815	3								
	23	21-25 hrs	3	1	55	1	202	1	1,672	1								
	28	26-30 hrs	2	1	20	0	78	0	627	0								
	33	More than 30 hrs	0	0	18	0	106	1	1,336	1								
	Total			292	100	6,953	100	21,794	100	230,834	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	199	69	4,688	67	15,703	72	159,373	68	<b>4.4</b>	5.3 *	-10	4.4	-01	5.2	-09
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	10	3	389	6	1,032	5	11,990	5							
	8	6-10 hrs	24	9	364	5	1,036	5	13,540	6								
	13	11-15 hrs	20	7	421	6	1,030	5	12,930	5								
	18	16-20 hrs	26	8	355	5	1,110	5	12,164	5								
	23	21-25 hrs	6	2	288	4	722	3	7,541	3								
	28	26-30 hrs	3	1	171	3	420	2	4,255	2								
	33	More than 30 hrs	3	1	237	4	628	3	7,965	5								
	Total			291	100	6,913	100	21,681	100	229,758	100							
Estimated number of hours working for pay	tmworkhrs											<b>7.9</b>	7.8	.01	6.8	.11	7.2	.06
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	152	54	3,852	57	12,070	57	133,094	59	<b>2.3</b>	2.2	.03	2.4	-01	2.3	.00
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	107	36	2,364	33	7,123	31	70,611	30							
	8	6-10 hrs	16	5	398	6	1,261	6	13,086	6								
	13	11-15 hrs	6	2	122	2	526	3	5,472	3								
	18	16-20 hrs	5	2	76	1	283	1	3,084	1								
	23	21-25 hrs	1	0	30	0	143	1	1,400	1								
	28	26-30 hrs	1	1	20	0	41	0	537	0								
	33	More than 30 hrs	0	0	14	0	83	0	826	0								
	Total			288	100	6,876	100	21,530	100	228,110	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	0	66	1	322	2	3,730	2	<b>14.0</b>	13.2	.09	12.7 *	.15	12.5 **	.17
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	44	14	1,260	18	4,336	20	47,364	21							
	8	6-10 hrs	74	25	1,851	26	5,924	27	62,503	27								
	13	11-15 hrs	81	26	1,508	22	4,481	21	46,577	20								
	18	16-20 hrs	41	14	972	14	2,968	14	30,900	13								
	23	21-25 hrs	21	9	550	8	1,604	8	16,361	7								
	28	26-30 hrs	10	4	257	4	718	3	7,783	3								
	33	More than 30 hrs	20	8	436	7	1,257	6	13,899	6								
	Total			292	100	6,900	100	21,610	100	229,117	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				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	249	86	5,586	80	16,758	77	171,468	73	<b>1.2</b>	2.3 *** ▽	-0.17	2.4 *** ▽	-0.19	3.1 *** ▽	-0.26
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	5	647	10	2,233	10	26,282	12							
	8	6-10 hrs	11	4	210	3	961	5	11,046	5								
	13	11-15 hrs	7	3	116	2	599	3	6,232	3								
	18	16-20 hrs	4	1	96	2	363	2	4,063	2								
	23	21-25 hrs	1	0	44	1	181	1	2,137	1								
	28	26-30 hrs	0	0	35	1	98	1	1,277	1								
	33	More than 30 hrs	1	0	174	3	409	2	6,249	4								
	Total			290	100	6,908	100	21,602	100	228,754	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	90	32	2,974	40	7,670	35	87,875	37	<b>3.5</b>	3.3	.05	4.1 * ▽	-0.11	4.1 * ▽	-0.11
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	146	49	2,971	45	9,205	42	87,921	39							
	8	6-10 hrs	38	13	606	10	2,906	14	31,266	14								
	13	11-15 hrs	8	3	177	3	960	5	12,337	6								
	18	16-20 hrs	5	2	105	2	469	2	5,159	2								
	23	21-25 hrs	2	1	38	1	210	1	2,311	1								
	28	26-30 hrs	1	0	21	0	82	0	1,000	0								
	33	More than 30 hrs	1	1	40	1	213	1	1,948	1								
	Total			291	100	6,932	100	21,715	100	229,817	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	45	17	805	12	2,710	14	24,869	11	<b>2.6</b>	2.7	-0.12	2.7	-0.09	2.8 *** ▽	-0.21	
	2	Some	92	33	2,258	33	6,908	33	67,733	30								
	3	About half	75	26	2,070	30	5,996	28	66,004	29								
	4	Most	62	18	1,352	19	4,362	19	50,351	21								
	5	Almost all	13	5	419	6	1,583	7	19,840	8								
		Total			287	100	6,904	100	21,559	100								228,797
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)										<b>5.7</b>	6.1	-0.08	6.5 * ▽	-0.15	6.9 *** ▽	-0.20	

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
	tmreadinghrscol	1	0 hrs	1	1	24	0	102	1	1,071	1								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	159	60	3,624	54	10,548	52	106,634	49								
		3	More than 5, up to 10 hrs	76	25	2,009	29	6,358	29	67,887	29								
		4	More than 10, up to 15 hrs	27	9	668	9	2,185	9	24,993	10								
		5	More than 15, up to 20 hrs	11	3	294	4	1,180	5	13,612	6								
		6	More than 20, up to 25 hrs	9	3	175	2	785	3	9,478	4								
		7	More than 25 hrs	2	1	76	1	283	1	3,892	2								
		Total		285	100	6,870	100	21,441	100	227,567	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	21	7	581	9	1,865	9	19,707	9	<b>2.8</b>	2.8	-.02	2.8	-.04	2.8	-.08	
		2	Some	93	31	1,983	28	5,820	27	60,522	26								
		3	Quite a bit	119	40	2,850	41	8,499	39	91,056	39								
		4	Very much	60	21	1,524	22	5,520	25	59,050	26								
		Total		293	100	6,938	100	21,704	100	230,335	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	33	12	743	12	2,807	13	30,797	13	<b>2.6</b>	2.7	-.06	2.6	-.02	2.6	-.04	
		2	Some	95	31	2,110	31	6,935	32	70,870	30								
		3	Quite a bit	119	42	2,672	38	7,544	35	80,815	35								
		4	Very much	46	15	1,391	20	4,338	20	47,002	21								
		Total		293	100	6,916	100	21,624	100	229,484	100								
c. Thinking critically and analytically	pgthink	1	Very little	6	3	249	4	782	4	8,222	4	<b>3.0</b>	3.0	.00	3.0	-.03	3.1	-.06	
		2	Some	60	21	1,437	21	4,297	20	43,766	19								
		3	Quite a bit	138	47	3,124	45	9,279	42	98,334	42								
		4	Very much	85	29	2,099	30	7,269	33	79,175	34								
		Total		289	100	6,909	100	21,627	100	229,497	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	33	11	1,045	15	2,886	14	38,140	16	<b>2.6</b>	2.6	.08	2.6	.00	2.6	.05	
		2	Some	98	31	2,322	33	6,741	31	70,772	31								
		3	Quite a bit	111	40	2,309	34	7,203	33	74,096	33								
		4	Very much	49	18	1,227	19	4,764	22	46,234	21								
		Total		291	100	6,903	100	21,594	100	229,242	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	35	12	884	13	3,167	15	34,789	16	<b>2.5</b>	2.6	-.07	2.6	-.05	2.6	-.04
		2	Some	114	39	2,299	33	6,791	31	72,232	31							
		3	Quite a bit	94	33	2,381	34	7,160	33	74,418	32							
		4	Very much	47	16	1,345	20	4,527	20	48,122	21							
		Total		290	100	6,909	100	21,645	100	229,561	100							
f. Working effectively with others	pgothers	1	Very little	15	6	461	8	1,662	8	19,039	9	<b>2.8</b>	2.8	.00	2.8	.00	2.8	-.01
		2	Some	92	32	2,005	29	6,119	29	63,798	28							
		3	Quite a bit	116	40	2,824	40	8,439	39	88,235	38							
		4	Very much	65	22	1,607	23	5,361	24	57,980	25							
		Total		288	100	6,897	100	21,581	100	229,052	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	36	13	879	13	2,958	15	31,183	14	<b>2.6</b>	2.6	-.04	2.6	-.03	2.7	-.06
		2	Some	93	33	2,153	31	6,233	29	66,120	29							
		3	Quite a bit	110	37	2,467	35	7,271	33	78,061	34							
		4	Very much	52	17	1,411	21	5,120	22	53,814	23							
		Total		291	100	6,910	100	21,582	100	229,178	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	47	17	763	12	2,597	12	29,085	13	<b>2.6</b>	2.7 *	-.15	2.7 *	-.14	2.7 *	-.15
		2	Some	85	28	2,159	31	6,473	30	67,136	29							
		3	Quite a bit	107	36	2,421	34	7,320	34	76,975	33							
		4	Very much	53	18	1,569	23	5,207	24	56,175	25							
		Total		292	100	6,912	100	21,597	100	229,371	100							
i. Solving complex real- world problems	pgprobsolve	1	Very little	29	12	890	13	2,868	14	30,807	14	<b>2.6</b>	2.6	.09	2.6	.07	2.6	.06
		2	Some	92	31	2,478	36	7,244	34	75,772	33							
		3	Quite a bit	115	39	2,362	34	7,223	33	77,076	33							
		4	Very much	53	19	1,171	17	4,247	19	45,495	20							
		Total		289	100	6,901	100	21,582	100	229,150	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	45	16	875	13	3,065	15	32,861	15	<b>2.5</b>	2.6	-.10	2.6	-.06	2.6	-.08
		2	Some	92	33	2,339	34	7,113	33	73,962	32							
		3	Quite a bit	106	36	2,367	34	7,064	32	75,061	33							
		4	Very much	46	15	1,294	19	4,264	20	46,330	20							
		Total		289	100	6,875	100	21,506	100	228,214	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				Count	%	Count	%	Count	%	Count	%	Mean	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	2	1	86	1	355	2	4,235	2	<b>3.2</b>	3.2	-.02	3.2	.03	3.2	.04	
		2	Fair	26	9	726	11	2,616	13	28,837	13								
		3	Good	176	58	3,630	52	10,965	51	115,308	50								
		4	Excellent	91	32	2,501	35	7,810	35	82,133	34								
			Total	295	100	6,943	100	21,746	100	230,513	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	6	2	197	3	738	4	8,054	4	<b>3.2</b>	3.2	.00	3.2	.05	3.2	.05	
		2	Probably no	35	11	792	12	2,666	13	28,120	13								
		3	Probably yes	135	46	2,960	43	9,197	43	96,779	42								
		4	Definitely yes	118	41	3,001	42	9,156	41	97,707	41								
			Total	294	100	6,950	100	21,757	100	230,660	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				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	22	5	230	2	1,298	3	10,083	3	<b>3.0</b>	3.2 *** ▽	-0.19	3.1	-0.07	3.1 ** ▽	-0.13	
		2	Sometimes	139	25	2,802	23	11,683	26	86,796	24								
		3	Often	184	36	4,192	33	14,034	32	111,010	31								
		4	Very often	200	34	5,383	42	17,152	39	151,770	42								
		Total		545	100	12,607	100	44,167	100	359,659	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	96	19	2,585	21	9,700	22	76,989	21	<b>2.4</b>	2.4	.02	2.4	.03	2.4	.00	
		2	Sometimes	197	37	4,499	36	15,601	35	124,124	34								
		3	Often	146	27	3,195	25	10,710	25	87,705	25								
		4	Very often	97	18	2,239	18	7,863	19	68,757	20								
		Total		536	100	12,518	100	43,874	100	357,575	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	31	6	752	6	3,196	7	24,939	7	<b>3.0</b>	3.0	.04	2.9 *	.10	2.9	.08	
		2	Often	65	13	1,783	15	6,852	15	54,068	15								
		3	Sometimes	300	56	6,852	54	24,066	55	194,635	54								
		4	Never	135	25	3,110	25	9,533	23	82,430	24								
		Total		531	100	12,497	100	43,647	100	356,072	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	246	48	5,490	46	18,512	44	147,540	43	<b>1.8</b>	1.8	-0.04	1.8	-0.06	1.9	-0.08	
		2	Sometimes	187	35	4,500	35	16,060	36	130,496	36								
		3	Often	52	10	1,404	11	5,496	12	46,136	12								
		4	Very often	43	8	1,030	8	3,350	8	30,508	8								
		Total		528	100	12,424	100	43,418	100	354,680	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	63	14	1,451	13	5,309	13	43,670	13	<b>2.5</b>	2.4	.07	2.4	.05	2.4	.07	
		2	Sometimes	215	40	5,566	46	18,979	45	159,677	45								
		3	Often	159	30	3,600	28	12,133	27	98,801	27								
		4	Very often	90	16	1,777	14	6,890	15	52,023	14								
		Total		527	100	12,394	100	43,311	100	354,171	100								
f. Explained course material to one or more students	CLexplain	1	Never	36	8	646	6	1,971	5	15,981	5	<b>2.7</b>	2.7	-0.03	2.8	-0.08	2.8	-0.07	
		2	Sometimes	181	36	4,387	37	15,094	36	125,556	36								
		3	Often	187	35	4,723	38	16,180	37	132,160	37								
		4	Very often	117	21	2,546	20	9,650	22	76,411	22								
		Total		521	100	12,302	100	42,895	100	350,108	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				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>
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	105	21	2,272	19	7,206	18	57,989	18	<b>2.4</b>	2.4	.01	2.5	-.08	2.5	-.07	
		2	Sometimes	172	34	4,494	37	15,150	35	123,944	36								
		3	Often	137	26	3,332	26	11,494	26	96,517	27								
		4	Very often	105	19	2,212	17	8,976	21	71,608	20								
		Total		519	100	12,310	100	42,826	100	350,058	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	34	7	737	6	2,660	7	20,346	6	<b>2.9</b>	2.8	.03	2.9	.00	2.9	-.03	
		2	Sometimes	145	27	3,621	30	12,537	30	100,044	29								
		3	Often	183	37	4,422	36	14,619	34	120,856	34								
		4	Very often	156	29	3,474	28	12,857	30	107,691	31								
		Total		518	100	12,254	100	42,673	100	348,937	100								
i. Given a course presentation	present	1	Never	70	14	1,326	12	5,050	13	34,662	11	<b>2.6</b>	2.6	-.04	2.6	-.05	2.7 **	-0.13	
		2	Sometimes	174	34	4,203	35	14,470	34	107,758	32								
		3	Often	158	30	3,921	31	13,091	31	112,553	32								
		4	Very often	114	21	2,726	22	9,684	23	91,820	26								
		Total		516	100	12,176	100	42,295	100	346,793	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	14	3	267	2	1,294	3	9,725	3	<b>3.0</b>	3.0	-.06	3.0	-.04	3.0	-.06	
		2	Sometimes	128	27	2,946	25	10,271	25	84,168	25								
		3	Often	207	41	4,924	41	16,340	39	135,380	39								
		4	Very often	157	29	3,900	32	13,581	32	112,684	33								
		Total		506	100	12,037	100	41,486	100	341,957	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	29	7	668	6	2,888	8	19,724	6	<b>2.7</b>	2.8 **	-0.14	2.8 *	-0.11	2.9 ***	-0.17	
		2	Sometimes	183	38	3,717	31	12,856	32	99,609	30								
		3	Often	174	34	4,389	37	14,247	34	122,137	36								
		4	Very often	116	21	3,116	26	11,029	27	96,907	28								
		Total		502	100	11,890	100	41,020	100	338,377	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	65	16	1,258	11	5,466	14	37,149	12	<b>2.4</b>	2.6 ***	-0.25	2.6 ***	-0.19	2.7 ***	-0.26	
		2	Sometimes	217	44	4,289	36	14,348	35	114,384	34								
		3	Often	137	26	3,711	31	12,147	29	105,835	31								
		4	Very often	83	15	2,667	22	9,064	22	81,110	23								
		Total		502	100	11,925	100	41,025	100	338,478	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	33	7	576	5	2,271	6	16,003	5	<b>2.7</b>	2.8 ***	-0.18	2.8 ***	-0.17	2.9 ***	-0.21	
		2	Sometimes	177	37	3,718	31	12,464	30	99,584	29								
		3	Often	194	38	4,800	41	16,137	40	136,883	40								
		4	Very often	97	19	2,813	24	9,997	24	85,243	25								
		Total		501	100	11,907	100	40,869	100	337,713	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	23	5	389	3	1,626	4	11,743	4	<b>2.8</b>	2.9 **	-0.15	2.9 ***	-0.16	3.0 ***	-0.19	
		2	Sometimes	161	33	3,302	28	10,907	27	87,717	26								
		3	Often	196	38	4,996	42	16,572	41	139,902	41								
		4	Very often	121	23	3,193	27	11,676	28	97,600	29								
		Total		501	100	11,880	100	40,781	100	336,962	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	9	2	257	2	1,043	3	7,004	2	<b>2.8</b>	2.9	-0.09	2.9 *	-0.11	3.0 **	-0.15	
		2	Sometimes	173	36	3,494	30	11,443	29	90,931	28								
		3	Often	191	38	4,987	42	16,729	41	140,806	42								
		4	Very often	123	24	3,104	26	11,439	28	97,344	29								
		Total		496	100	11,842	100	40,654	100	336,085	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	1	101	1	522	1	3,607	1	<b>3.1</b>	3.2 ***	-0.16	3.2 **	-0.14	3.2 ***	-0.17	
		2	Sometimes	103	22	1,818	16	6,538	17	50,556	16								
		3	Often	208	42	5,111	43	16,727	41	139,875	42								
		4	Very often	182	35	4,794	40	16,728	41	140,629	42								
		Total		497	100	11,824	100	40,515	100	334,667	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	105	23	1,769	16	7,881	20	61,540	19	<b>2.3</b>	2.5 ***	-0.16	2.4	-0.05	2.4	-0.08	
		2	Sometimes	189	38	4,625	40	16,417	40	131,295	40								
		3	Often	120	23	3,127	26	9,572	23	81,944	24								
		4	Very often	81	15	2,321	18	6,732	16	61,126	17								
		Total		495	100	11,842	100	40,602	100	335,905	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	196	41	4,789	42	18,101	46	148,423	46	<b>1.9</b>	2.0	-0.04	1.9	.02	1.9	.02	
		2	Sometimes	170	34	3,535	29	11,589	28	95,652	28								
		3	Often	79	16	2,037	17	6,105	15	51,230	15								
		4	Very often	49	9	1,452	12	4,652	11	39,351	11								
		Total		494	100	11,813	100	40,447	100	334,656	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	122	26	2,845	25	10,876	28	84,525	27	<b>2.2</b>	2.2	-0.02	2.2	.03	2.2	.00
		2	Sometimes	208	41	4,788	40	16,485	40	134,484	40							
		3	Often	106	22	2,685	22	8,301	21	72,084	21							
		4	Very often	58	12	1,486	12	4,758	12	43,328	12							
		Total		494	100	11,804	100	40,420	100	334,421	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	113	24	2,449	22	10,027	25	79,832	25	<b>2.1</b>	2.2	-0.09	2.2	-0.02	2.2	-0.04
		2	Sometimes	231	47	5,335	45	17,925	44	144,497	43							
		3	Often	95	18	2,571	21	7,945	20	69,533	20							
		4	Very often	55	10	1,414	11	4,391	11	39,651	12							
		Total		494	100	11,769	100	40,288	100	333,513	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	32	6	942	8	3,153	8	29,066	9	<b>2.8</b>	2.8	.04	2.8	-0.02	2.8	.01
		2	Some	145	31	3,663	32	11,891	30	100,119	30							
		3	Quite a bit	203	41	4,453	37	15,041	37	123,825	37							
		4	Very much	115	22	2,744	23	10,351	25	81,490	24							
		Total		495	100	11,802	100	40,436	100	334,500	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	7	2	302	3	1,224	3	9,708	3	<b>3.2</b>	3.1 ***	.17	3.1 **	.13	3.1 **	.14
		2	Some	75	16	2,130	18	7,169	18	59,377	18							
		3	Quite a bit	200	40	5,171	44	16,738	41	140,958	42							
		4	Very much	212	43	4,151	35	15,109	38	122,955	37							
		Total		494	100	11,754	100	40,240	100	332,998	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	7	2	412	4	1,545	4	11,832	4	<b>3.1</b>	3.0	.05	3.1	.00	3.1	-0.01
		2	Some	110	22	2,441	21	8,034	20	64,298	19							
		3	Quite a bit	202	42	4,919	42	15,792	39	133,410	40							
		4	Very much	174	34	3,954	33	14,773	37	122,635	37							
		Total		493	100	11,726	100	40,144	100	332,175	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	25	5	572	5	2,617	7	17,680	6	<b>2.8</b>	2.9 **	-0.15	2.9 **	-0.15	3.0 ***	-0.20
		2	Some	157	33	3,028	26	9,992	25	76,910	23							
		3	Quite a bit	193	39	4,852	41	15,546	39	132,805	40							
		4	Very much	116	22	3,275	28	11,958	30	104,744	31							
		Total		491	100	11,727	100	40,113	100	332,139	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	27	5	526	5	2,186	6	15,983	5	<b>2.9</b>	2.9	-.02	3.0	-.03	3.0	-.06
		2	Some	113	24	2,893	25	9,587	24	76,264	23							
		3	Quite a bit	212	44	4,945	42	16,093	40	135,251	41							
		4	Very much	141	27	3,359	28	12,176	30	103,930	31							
		Total		493	100	11,723	100	40,042	100	331,428	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	7	1	254	2	981	3	6,920	2	<b>3.1</b>	3.2	-.04	3.2	-.03	3.2	-.05
		2	Some	82	17	1,911	16	6,856	17	53,789	16							
		3	Quite a bit	247	49	5,326	45	17,412	43	145,713	43							
		4	Very much	162	33	4,303	37	15,140	38	128,061	38							
		Total		498	100	11,794	100	40,389	100	334,483	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	8	2	262	2	1,111	3	8,263	3	<b>3.1</b>	3.1	-.07	3.1	-.05	3.1	-.07
		2	Some	100	20	2,082	18	7,275	18	57,459	18							
		3	Quite a bit	242	47	5,489	46	17,931	44	150,602	45							
		4	Very much	143	30	3,940	34	13,961	35	117,177	35							
		Total		493	100	11,773	100	40,278	100	333,501	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	8	2	365	3	1,307	4	10,185	3	<b>3.2</b>	3.1	.05	3.1	.04	3.1	.02
		2	Some	88	17	2,137	18	7,286	18	59,149	18							
		3	Quite a bit	222	45	4,960	42	16,169	40	134,144	40							
		4	Very much	178	36	4,280	37	15,422	38	129,228	39							
		Total		496	100	11,742	100	40,184	100	332,706	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	37	8	1,192	11	4,851	12	37,862	12	<b>2.7</b>	2.8	-.05	2.7	.01	2.8	-.03
		2	Some	163	34	3,244	28	12,021	30	93,979	28							
		3	Quite a bit	178	35	4,119	35	12,816	32	108,236	32							
		4	Very much	117	23	3,179	27	10,439	26	92,536	28							
		Total		495	100	11,734	100	40,127	100	332,613	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	37	9	812	7	3,189	8	24,835	8	<b>2.8</b>	2.9	-.05	2.8	-.01	2.8	-.03
		2	Some	130	26	3,079	26	11,191	28	89,928	27							
		3	Quite a bit	204	40	4,672	40	15,028	37	124,769	37							
		4	Very much	120	25	3,143	27	10,625	27	91,807	28							
		Total		491	100	11,706	100	40,033	100	331,339	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				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	58	11	1,476	12	5,243	12	48,226	14	<b>2.8</b>	2.6 ***	.16	2.7 *	.10	2.6 **	.15	
		2	Sometimes	143	27	4,070	34	12,617	31	108,606	32								
		3	Often	174	36	3,932	34	13,135	33	106,459	32								
		4	Very often	123	26	2,314	20	9,345	24	70,729	22								
			Total	498	100	11,792	100	40,340	100	334,020	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	78	15	2,116	17	7,934	19	67,591	20	<b>2.6</b>	2.4 ***	.15	2.4 **	.13	2.4 ***	.16	
		2	Sometimes	165	34	4,546	38	14,350	35	121,597	36								
		3	Often	148	31	3,272	28	10,759	27	88,819	27								
		4	Very often	105	21	1,843	16	7,231	18	55,281	17								
			Total	496	100	11,777	100	40,274	100	333,288	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	76	15	1,991	17	7,106	18	61,505	18	<b>2.5</b>	2.4 *	.11	2.4	.07	2.4 *	.09	
		2	Sometimes	180	37	4,768	40	14,844	37	124,708	37								
		3	Often	149	30	3,273	28	11,383	29	93,344	28								
		4	Very often	90	18	1,713	15	6,806	17	52,766	16								
			Total	495	100	11,745	100	40,139	100	332,323	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum	0	None	31	7	595	6	2,480	7	16,297	6	<b>7.1</b>	7.4	-.05	7.1	.01	7.6	-.07	
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	89	20	2,262	21	7,478	21	57,283	19								
		4	3-5	122	28	3,024	28	10,194	28	84,979	28								
		8	6-10	104	21	2,361	22	7,614	21	66,817	22								
		13	11-15	49	10	1,145	10	3,752	10	33,186	11								
		18	16-20	28	6	641	6	2,076	5	18,503	6								
		23	More than 20	40	7	933	8	2,906	8	27,639	9								
			Total	463	100	10,961	100	36,500	100	304,704	100								
b. Between 6 and 10 pages	wrmednum	0	None	95	21	2,564	24	8,544	24	55,490	20	<b>3.2</b>	3.0	.07	3.2	.00	3.7 **	-.11	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	162	36	4,178	38	12,950	36	104,233	34								
		4	3-5	135	29	2,627	24	8,781	24	83,558	27								
		8	6-10	48	10	944	9	3,709	10	38,636	12								
		13	11-15	12	3	272	3	1,135	3	11,722	4								
		18	16-20	5	1	89	1	464	1	4,737	2								
		23	More than 20	5	1	93	1	387	1	3,971	1								
			Total	462	100	10,767	100	35,970	100	302,347	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				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>
c. 11 pages or more	wrlongnum	0	None	179	40	5,088	48	16,143	46	114,561	40	<b>2.0</b>	1.6 **	.12	1.9	.03	2.2	-.04	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	175	38	3,895	36	12,703	36	115,427	38								
		4	3-5	63	13	1,058	10	3,865	11	41,308	13								
		8	6-10	28	7	300	3	1,304	4	13,513	4								
		13	11-15	7	2	107	1	558	2	5,275	2								
		18	16-20	1	0	60	1	252	1	2,576	1								
		23	More than 20	4	1	79	1	359	1	3,568	1								
	Total			457	100	10,587	100	35,184	100	296,228	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>75.8</b>	67.8 *	.11	72.8	.04	81.6	-.07	
<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	43	10	673	6	1,891	5	14,591	5	<b>2.7</b>	2.9 ***	-.27	3.1 ***	-.47	3.1 ***	-.51	
		2	Sometimes	171	36	3,546	30	8,778	22	72,232	22								
		3	Often	148	31	3,300	29	10,465	28	88,375	28								
		4	Very often	114	23	3,727	35	16,615	44	141,482	46								
			Total	476	100	11,246	100	37,749	100	316,680	100								
b. People from an economic background other than your own	DDeconomic	1	Never	28	6	491	5	1,634	5	12,888	4	<b>2.8</b>	3.0 ***	-.17	3.1 ***	-.30	3.1 ***	-.30	
		2	Sometimes	134	29	2,968	26	8,064	21	68,857	21								
		3	Often	181	37	4,014	35	12,386	33	103,656	33								
		4	Very often	135	27	3,749	34	15,565	42	130,361	42								
			Total	478	100	11,222	100	37,649	100	315,762	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	30	7	663	6	2,854	7	18,979	6	<b>2.8</b>	3.0 **	-.14	3.0 ***	-.20	3.0 ***	-.23	
		2	Sometimes	145	31	3,046	27	9,380	24	77,586	24								
		3	Often	156	32	3,582	32	10,592	29	92,329	29								
		4	Very often	145	29	3,903	36	14,740	40	126,223	41								
			Total	476	100	11,194	100	37,566	100	315,117	100								
d. People with political views other than your own	DDpolitical	1	Never	31	7	602	5	2,233	6	17,487	6	<b>2.9</b>	3.0	-.08	3.0 *	-.12	3.0 *	-.11	
		2	Sometimes	113	25	2,826	25	9,182	24	77,932	24								
		3	Often	176	36	3,786	33	11,556	31	98,202	31								
		4	Very often	155	32	3,942	36	14,438	39	120,069	39								
			Total	475	100	11,156	100	37,409	100	313,690	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				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	11	2	219	2	912	3	6,376	2	<b>3.1</b>	3.2	-.08	3.2 *	-.10	3.2 **	-.14
		2	Sometimes	84	20	1,939	17	6,248	17	48,172	15							
		3	Often	192	40	4,495	40	14,290	38	120,841	38							
		4	Very often	192	38	4,556	41	16,107	43	139,775	44							
		Total		479	100	11,209	100	37,557	100	315,164	100							
b. Reviewed your notes after class	LSnotes	1	Never	40	9	912	8	2,782	7	26,308	8	<b>2.8</b>	2.8	.04	2.9	-.03	2.8	.00
		2	Sometimes	142	31	3,678	32	11,421	30	98,266	31							
		3	Often	133	28	3,341	30	11,471	31	94,032	30							
		4	Very often	161	33	3,232	29	11,809	32	95,602	31							
		Total		476	100	11,163	100	37,483	100	314,208	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	22	5	777	7	2,844	8	23,004	7	<b>2.8</b>	2.8	-.01	2.9	-.03	2.9	-.04
		2	Sometimes	151	32	3,295	29	10,688	28	88,853	28							
		3	Often	168	36	3,863	35	12,530	34	105,441	34							
		4	Very often	131	26	3,101	28	10,988	30	93,601	30							
		Total		472	100	11,036	100	37,050	100	310,899	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																		
challenge		1	Not at all	0	0	46	1	256	1	1,895	1	<b>5.7</b>	5.6	.08	5.6	.07	5.6	.07
		2		2	0	150	2	505	1	3,983	1							
		3		14	3	310	3	1,124	3	9,205	3							
		4		40	9	960	9	3,317	9	27,292	9							
		5		128	26	3,205	28	10,228	27	88,388	28							
		6		164	34	3,716	33	11,970	31	100,956	31							
		7	Very much	132	27	2,775	25	10,033	27	82,350	27							
		Total		480	100	11,162	100	37,433	100	314,069	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		23	6	671	6	2,645	7	22,583	8	<b>44%</b>	51% **	-.14	50% **	-.12	51% **	-.13
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	96	21	1,814	18	6,299	18	60,070	20							
		Plan to do	140	29	2,793	25	9,233	25	64,641	22								
		Done or in progress	217	44	5,899	51	19,260	50	166,929	51								
		Total	476	100	11,177	100	37,437	100	314,223	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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				Carnegie Class				NSSE 2015				UND Mean	Plains Public Mean	Effect size <sup>e</sup>	Carnegie Class Mean	Effect size <sup>e</sup>	NSSE 2015 Mean	Effect size <sup>e</sup>
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%									
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	35	8	931	9	3,666	10	29,302	10	<b>38%</b>	38%	.00	35%	.05	36%	.04								
			Do not plan to do	209	45	5,107	47	17,122	46	142,588	47															
			Plan to do	42	9	730	7	3,038	9	22,655	8															
			Done or in progress	190	38	4,374	38	13,504	35	118,850	36															
			Total	476	100	11,142	100	37,330	100	313,395	100															
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	44	10	1,197	11	4,142	12	36,294	12	<b>23%</b>	25%	-.05	25%	-.04	24%	-.03								
			Do not plan to do	267	57	6,160	56	20,346	54	171,416	55															
			Plan to do	52	11	860	8	3,214	9	26,476	9															
			Done or in progress	114	23	2,914	25	9,565	25	78,558	24															
			Total	477	100	11,131	100	37,267	100	312,744	100															
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	44	10	1,113	10	4,123	12	34,662	12	<b>9%</b>	13% *	-.13	14% ***	-.17	14% **	-.16								
			Do not plan to do	363	76	7,777	70	24,466	65	205,642	66															
			Plan to do	24	6	700	7	2,940	9	23,013	8															
			Done or in progress	44	9	1,540	13	5,710	14	49,182	14															
			Total	475	100	11,130	100	37,239	100	312,499	100															
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	61	14	1,419	13	5,382	15	42,998	15	<b>21%</b>	22%	-.04	25% *	-.09	25%	-.09								
			Do not plan to do	236	50	5,927	53	17,098	46	150,372	48															
			Plan to do	72	16	1,194	11	5,180	15	37,751	13															
			Done or in progress	105	21	2,533	22	9,422	25	80,159	25															
			Total	474	100	11,073	100	37,082	100	311,280	100															
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	15	3	890	8	3,497	10	28,195	10	<b>52%</b>	45% **	.14	42% ***	.20	44% **	.15								
			Do not plan to do	39	9	2,351	21	8,486	23	73,574	24															
			Plan to do	171	37	2,808	26	9,378	25	64,644	22															
			Done or in progress	251	52	5,060	45	15,808	42	145,676	44															
			Total	476	100	11,109	100	37,169	100	312,089	100															

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

servcourse	1	None	204	46	3,712	35	15,321	43	122,961	41	<b>1.6</b>	1.8 ***	-.20	1.7	-.06	1.7 *	-.10
	2	Some	219	45	6,040	53	18,125	48	155,516	49							
	3	Most	45	8	1,197	10	3,180	8	28,682	9							
	4	All	4	1	150	1	473	1	4,563	1							
	Total			472	100	11,099	100	37,099	100	311,722							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				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	7	2	100	1	458	1	3,476	1	<b>5.6</b>	5.7 *	-0.11	5.7	-0.06	5.7	-0.09	
		2		6	1	146	1	664	2	4,970	2								
		3		22	4	368	3	1,478	4	11,427	4								
		4		34	7	949	9	3,256	9	26,032	9								
		5		110	25	2,384	21	8,262	22	67,901	22								
		6		151	31	3,653	32	11,303	30	95,981	30								
		7	Excellent	132	26	3,444	31	11,677	32	101,747	32								
		—	Not applicable	16	3	126	1	319	1	2,589	1								
			Total	478	100	11,170	100	37,417	100	314,123	100								
b. Academic advisors	QIadvisor	1	Poor	23	5	511	5	2,252	6	16,398	6	<b>5.1</b>	5.3 *	-0.10	5.0	.04	5.1	-0.02	
		2		23	5	532	5	2,356	6	17,033	6								
		3		45	9	804	7	3,132	8	23,283	8								
		4		54	11	1,245	11	4,887	13	37,032	12								
		5		97	20	1,958	18	6,802	18	54,910	17								
		6		104	21	2,405	21	7,623	20	64,275	20								
		7	Excellent	125	27	3,593	32	9,714	27	90,191	29								
		—	Not applicable	6	1	100	1	576	2	10,325	3								
			Total	477	100	11,148	100	37,342	100	313,447	100								
c. Faculty	QIfaculty	1	Poor	3	1	135	1	683	2	4,983	2	<b>5.4</b>	5.5	-0.08	5.4	-0.02	5.5	-0.07	
		2		14	3	223	2	945	3	7,129	2								
		3		21	5	483	4	1,865	5	14,223	5								
		4		61	13	1,192	11	4,138	11	32,435	11								
		5		122	24	2,582	23	8,428	22	68,861	22								
		6		151	32	3,567	32	11,420	30	96,185	30								
		7	Excellent	100	21	2,845	26	9,384	25	85,354	27								
		—	Not applicable	3	1	63	1	260	1	2,383	1								
			Total	475	100	11,090	100	37,123	100	311,553	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	18	3	422	4	2,046	6	16,310	5	<b>4.9</b>	5.0	-.04	4.8	.08	4.8	.06	
		2		22	5	464	4	1,928	5	15,673	5								
		3		30	7	715	6	2,854	7	22,873	7								
		4		58	13	1,369	12	5,056	13	39,912	13								
		5		113	22	2,103	18	6,773	18	57,063	18								
		6		90	20	2,258	20	6,575	17	57,294	18								
		7	Excellent	65	14	1,820	16	5,571	15	50,282	16								
		—	Not applicable	80	17	1,974	19	6,427	18	52,891	18								
	Total	476	100	11,125	100	37,230	100	312,298	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	27	5	467	4	2,280	6	17,909	6	<b>4.7</b>	5.0 **	-0.15	4.7	.01	4.8	-0.03	
		2		28	6	517	5	2,280	6	18,714	6								
		3		47	10	894	8	3,358	9	27,163	9								
		4		77	16	1,544	14	5,812	16	46,770	15								
		5		111	22	2,489	22	7,926	21	65,702	21								
		6		99	21	2,670	24	7,533	20	64,762	20								
		7	Excellent	65	14	2,026	18	5,889	16	54,959	18								
		—	Not applicable	23	5	520	5	2,206	6	16,860	6								
	Total	477	100	11,127	100	37,284	100	312,839	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	10	3	186	2	712	2	5,981	2	<b>3.1</b>	3.1	.00	3.2	-0.08	3.2	-0.07	
		2	Some	74	17	1,832	17	5,443	16	46,102	16								
		3	Quite a bit	205	46	5,018	47	15,069	43	130,244	44								
		4	Very much	172	35	3,630	34	14,101	39	116,675	38								
			Total	461	100	10,666	100	35,325	100	299,002	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	23	6	506	5	1,933	6	15,413	6	<b>2.8</b>	2.9 **	-0.14	2.9 **	-0.13	2.9 **	-0.14	
		2	Some	133	29	2,494	24	8,408	24	70,119	24								
		3	Quite a bit	193	43	4,606	43	14,692	41	123,347	41								
		4	Very much	110	22	2,980	27	10,039	28	88,024	29								
			Total	459	100	10,586	100	35,072	100	296,903	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	39	9	958	9	2,982	9	26,166	9	<b>2.7</b>	2.8	-0.08	2.9 *	-0.12	2.8 *	-0.11	
		2	Some	136	31	2,686	26	8,932	25	75,318	26								
		3	Quite a bit	176	37	4,080	38	13,144	37	109,949	37								
		4	Very much	106	23	2,872	26	10,005	29	85,629	28								
			Total	457	100	10,596	100	35,063	100	297,062	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				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	77	18	1,644	15	6,026	17	50,150	17	<b>2.4</b>	2.5 ***	-0.18	2.6 ***	-0.19	2.6 ***	-0.19
		2	Some	181	40	3,598	33	11,274	31	94,598	31							
		3	Quite a bit	134	30	3,380	32	10,430	30	89,186	30							
		4	Very much	63	13	1,995	19	7,379	22	63,622	22							
		Total		455	100	10,617	100	35,109	100	297,556	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	36	9	685	7	2,796	9	25,045	9	<b>2.7</b>	2.9 ***	-0.18	2.9 **	-0.14	2.8 *	-0.12
		2	Some	133	30	2,587	25	8,857	26	76,241	26							
		3	Quite a bit	189	41	4,346	41	13,225	37	111,981	37							
		4	Very much	96	20	2,977	27	10,218	29	84,009	28							
		Total		454	100	10,595	100	35,096	100	297,276	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	36	8	967	10	3,689	11	32,385	12	<b>2.8</b>	2.8	.04	2.8	.05	2.8	.08
		2	Some	121	27	2,694	26	9,164	26	78,550	27							
		3	Quite a bit	176	39	4,108	39	12,768	36	108,078	36							
		4	Very much	121	26	2,795	25	9,378	26	77,278	26							
		Total		454	100	10,564	100	34,999	100	296,291	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	144	30	3,463	33	11,961	35	98,810	34	<b>2.1</b>	2.1	.02	2.1	.02	2.1	.01
		2	Some	171	38	3,848	36	11,930	34	103,056	34							
		3	Quite a bit	101	23	2,246	22	7,097	20	60,741	20							
		4	Very much	38	8	1,012	9	3,974	11	33,432	11							
		Total		454	100	10,569	100	34,962	100	296,039	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	44	10	1,162	12	4,271	13	41,022	15	<b>2.6</b>	2.7	-0.04	2.7	-0.06	2.6	.01
		2	Some	161	35	3,104	30	9,951	28	85,514	29							
		3	Quite a bit	153	35	3,943	37	12,228	35	101,983	34							
		4	Very much	95	20	2,325	21	8,424	24	66,849	22							
		Total		453	100	10,534	100	34,874	100	295,368	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	86	19	1,778	17	6,444	19	54,581	20	<b>2.3</b>	2.4 **	-0.14	2.4 **	-0.14	2.4 **	-0.13
		2	Some	194	43	3,952	37	12,714	36	104,310	35							
		3	Quite a bit	121	28	3,279	31	10,111	29	87,711	29							
		4	Very much	49	10	1,493	14	5,525	16	47,933	16							
		Total		450	100	10,502	100	34,794	100	294,535	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs  (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	0	0	32	0	135	0	1,267	0	<b>16.4</b>	14.3 *** △	.24	14.9 *** △	.17	14.9 *** △	.17
		3	1-5 hrs	39	9	1,540	15	4,912	15	42,183	15							
		8	6-10 hrs	102	23	2,663	25	8,145	23	68,544	23							
		13	11-15 hrs	97	21	2,088	20	6,757	19	57,273	19							
		18	16-20 hrs	72	17	1,783	17	5,987	17	50,365	17							
		23	21-25 hrs	56	12	1,040	10	3,602	10	31,320	10							
		28	26-30 hrs	34	7	641	6	2,362	7	19,897	6							
		33	More than 30 hrs	54	12	784	7	3,055	9	25,773	9							
	Total	454	100	10,571	100	34,955	100	296,622	100									
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs  (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	187	41	4,338	43	14,803	44	124,382	44	<b>4.2</b>	4.5	-.04	4.5	-.05	4.6	-.05
		3	1-5 hrs	159	34	3,325	30	10,506	29	86,754	28							
		8	6-10 hrs	56	13	1,341	12	4,456	13	37,860	12							
		13	11-15 hrs	19	4	697	7	2,235	6	19,990	6							
		18	16-20 hrs	15	4	409	4	1,325	4	12,583	4							
		23	21-25 hrs	13	3	179	2	690	2	6,331	2							
		28	26-30 hrs	2	0	98	1	309	1	2,947	1							
		33	More than 30 hrs	3	1	127	1	424	1	4,090	1							
	Total	454	100	10,514	100	34,748	100	294,937	100									
c. Working for pay on campus	tmworkonhrs  (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	297	65	7,353	71	24,078	72	206,816	72	<b>4.6</b>	4.0	.08	4.0	.07	3.5 ** △	.14
		3	1-5 hrs	31	6	509	5	1,387	4	16,500	5							
		8	6-10 hrs	47	10	806	7	2,544	7	26,658	8							
		13	11-15 hrs	27	6	731	7	2,326	6	18,573	6							
		18	16-20 hrs	31	7	728	7	2,928	7	16,109	5							
		23	21-25 hrs	13	3	186	2	714	2	4,986	2							
		28	26-30 hrs	2	0	93	1	352	1	2,083	1							
		33	More than 30 hrs	7	2	141	1	496	2	3,844	1							
	Total	455	100	10,547	100	34,825	100	295,569	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	184	41	4,071	38	16,191	45	135,867	45	<b>12.6</b>	13.5	-.07	11.6	.07	11.5	.08	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	20	4	491	4	1,691	5	15,980	5								
	8	6-10 hrs	30	6	688	6	2,194	6	20,443	7									
	13	11-15 hrs	43	9	791	7	2,137	6	20,613	7									
	18	16-20 hrs	45	10	1,101	10	3,112	9	25,362	9									
	23	21-25 hrs	39	8	833	8	2,368	7	18,680	6									
	28	26-30 hrs	19	4	683	7	1,749	5	13,561	5									
	33	More than 30 hrs	74	19	1,834	20	5,171	17	43,589	17									
	Total			454	100	10,492	100	34,613	100	294,095	100								
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											<b>17.0</b>	17.3	-.03	15.4 *	.11	14.9 **	.15	
															△		△		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	222	52	4,990	48	16,663	50	143,444	50	<b>2.6</b>	3.0	-.06	3.0	-.07	3.1 *	-.09	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	174	36	4,108	38	12,755	35	103,718	34								
	8	6-10 hrs	29	6	675	7	2,668	8	23,956	8									
	13	11-15 hrs	10	2	280	3	1,055	3	9,793	3									
	18	16-20 hrs	8	2	181	2	669	2	5,920	2									
	23	21-25 hrs	3	1	81	1	300	1	2,675	1									
	28	26-30 hrs	2	0	44	0	162	0	1,272	0									
	33	More than 30 hrs	1	0	91	1	244	1	2,173	1									
	Total			449	100	10,450	100	34,516	100	292,951	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	12	3	197	2	982	3	7,544	3	<b>11.4</b>	11.1	.03	10.8	.07	11.0	.05	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	96	21	2,803	27	9,581	27	78,574	27								
	8	6-10 hrs	156	33	2,962	28	9,927	28	82,932	28									
	13	11-15 hrs	89	20	1,989	19	6,245	18	54,060	18									
	18	16-20 hrs	45	11	1,217	11	3,905	11	34,302	12									
	23	21-25 hrs	25	6	620	6	1,794	5	16,252	5									
	28	26-30 hrs	11	3	294	3	797	2	7,612	3									
	33	More than 30 hrs	20	5	428	4	1,460	5	12,948	5									
	Total			454	100	10,510	100	34,691	100	294,224	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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		Carnegie Class		NSSE 2015		UND	Plains Public	Carnegie Class	NSSE 2015				
				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	326	70	7,125	66	22,564	63	192,529	63	<b>5.4</b>	6.0	-0.06	5.8	-0.04	6.0	-0.06	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	28	6	985	9	3,872	12	32,917	11								
	8	6-10 hrs	19	4	422	4	1,850	6	15,155	5									
	13	11-15 hrs	10	2	286	3	1,166	4	9,290	3									
	18	16-20 hrs	20	5	259	3	961	3	7,784	3									
	23	21-25 hrs	7	2	131	1	523	2	4,397	2									
	28	26-30 hrs	4	1	103	1	422	1	3,392	1									
	33	More than 30 hrs	36	8	1,165	12	3,281	10	28,294	10									
	Total			450	100	10,476	100	34,639	100	293,758	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	99	24	1,743	16	4,371	13	54,879	18	<b>3.7</b>	4.2 *	-0.10	5.1 ***	-0.26	5.0 ***	-0.23	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	292	62	6,771	64	20,576	58	158,627	53								
	8	6-10 hrs	39	8	1,373	14	6,471	19	51,899	18									
	13	11-15 hrs	12	3	350	3	1,814	6	16,540	6									
	18	16-20 hrs	6	1	162	2	751	2	6,410	2									
	23	21-25 hrs	4	1	60	1	334	1	2,716	1									
	28	26-30 hrs	0	0	28	0	178	1	1,312	0									
	33	More than 30 hrs	5	1	64	1	321	1	2,934	1									
	Total			457	100	10,551	100	34,816	100	295,317	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	65	16	1,432	14	4,871	14	37,373	13	<b>2.8</b>	2.9	-0.06	2.9	-0.07	2.9 *	-0.11		
	2	Some	118	28	2,852	27	9,043	26	75,510	26									
	3	About half	124	26	2,943	28	9,042	26	79,048	27									
	4	Most	100	20	2,318	22	8,060	23	70,664	24									
	5	Almost all	45	10	971	9	3,712	10	32,129	10									
		Total			452	100	10,516	100	34,728	100								294,724	100
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmrephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)												<b>7.6</b>	7.0 *	.10	7.2	.07	7.4	.04

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.



# NSSE 2015 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		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	35	8	756	8	3,431	10	28,360	10	<b>2.9</b>	3.0	-.04	2.9	.05	2.9	.04	
		2	Some	101	22	2,215	21	8,103	23	69,784	24								
		3	Quite a bit	163	36	3,757	36	11,245	32	95,579	32								
		4	Very much	157	33	3,814	35	12,010	34	101,484	34								
		Total		456	100	10,542	100	34,789	100	295,207	100								
f. Working effectively with others	pgothers	1	Very little	33	8	509	5	2,047	6	15,949	6	<b>2.9</b>	3.0 *	-.12	3.0 *	-.11	3.0 **	-.13	
		2	Some	108	24	2,259	22	7,688	22	62,986	22								
		3	Quite a bit	169	38	4,081	39	12,567	36	108,216	36								
		4	Very much	145	30	3,659	34	12,403	35	107,280	36								
		Total		455	100	10,508	100	34,705	100	294,431	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	65	15	1,225	13	4,753	15	35,669	13	<b>2.6</b>	2.7 *	-.11	2.7 *	-.12	2.8 ***	-.16	
		2	Some	142	32	2,884	28	8,844	26	74,225	25								
		3	Quite a bit	134	29	3,493	32	10,537	30	92,908	31								
		4	Very much	115	24	2,928	27	10,610	30	92,001	30								
		Total		456	100	10,530	100	34,744	100	294,803	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	59	14	1,120	11	4,306	13	33,741	12	<b>2.5</b>	2.8 ***	-.27	2.8 ***	-.28	2.8 ***	-.30	
		2	Some	182	41	3,104	29	9,560	27	80,497	27								
		3	Quite a bit	122	26	3,508	33	10,949	31	93,460	31								
		4	Very much	90	19	2,801	27	9,953	29	87,295	30								
		Total		453	100	10,533	100	34,768	100	294,993	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	39	9	958	10	3,686	11	30,460	11	<b>2.8</b>	2.8	.05	2.8	.01	2.8	.02	
		2	Some	121	26	3,148	30	9,456	27	81,258	27								
		3	Quite a bit	177	40	3,737	35	11,720	33	100,183	34								
		4	Very much	120	25	2,676	25	9,897	29	82,878	28								
		Total		457	100	10,519	100	34,759	100	294,779	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	74	17	1,337	14	5,310	16	39,967	14	<b>2.4</b>	2.6 ***	-.20	2.6 ***	-.18	2.7 ***	-.22	
		2	Some	165	37	3,336	31	10,591	30	87,165	30								
		3	Quite a bit	136	30	3,446	33	10,561	30	92,433	31								
		4	Very much	74	16	2,357	22	8,111	24	73,923	25								
		Total		449	100	10,476	100	34,573	100	293,488	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 Frequencies and Statistical Comparisons

## University of North Dakota

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UND		Plains Public		Carnegie Class		NSSE 2015		UND		Plains Public		Carnegie Class		NSSE 2015	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Your seniors compared with							
												Mean	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	7	2	217	2	917	3	7,082	3	<b>3.2</b>	3.2	-.05	3.2	-.04	3.2	-.06	
		2	Fair	54	13	1,163	12	4,151	12	34,244	12								
		3	Good	240	51	5,134	48	15,947	46	134,290	45								
		4	Excellent	155	34	4,059	38	13,914	39	120,607	40								
			Total	456	100	10,573	100	34,929	100	296,223	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	8	2	402	4	1,718	5	14,238	5	<b>3.2</b>	3.2	.03	3.2	.04	3.2	.06	
		2	Probably no	67	15	1,300	12	4,498	13	39,340	13								
		3	Probably yes	190	41	4,431	42	13,574	39	116,450	39								
		4	Definitely yes	192	42	4,443	42	15,180	43	126,510	42								
			Total	457	100	10,576	100	34,970	100	296,538	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

# NSSE 2015 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	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015
	Comparisons with:																					
1 a. askquest	361	2.73	2.78	2.77	2.81	.043	.010	.005	.002	.83	.84	.86	.88	7,949	32,963	254,955	.291	.340	.091	-.06	-.05	-.09
b. drafts	358	2.82	2.47	2.48	2.50	.051	.011	.006	.002	.97	.97	1.00	1.00	7,898	366	358	.000	.000	.000	.36	.33	.32
c. unpreparedr	358	2.94	3.02	2.95	2.98	.045	.009	.004	.002	.86	.77	.79	.80	384	32,540	357	.084	.757	.350	-.10	-.02	-.05
d. attendart	358	1.95	2.01	1.95	1.93	.047	.011	.005	.002	.89	.93	.93	.94	7,815	32,293	358	.200	.989	.747	-.07	.00	.02
e. CLaskhelp	356	2.72	2.59	2.61	2.58	.046	.010	.005	.002	.87	.87	.88	.89	7,769	32,152	249,787	.004	.021	.003	.15	.12	.16
f. CLexplain	355	2.79	2.69	2.75	2.72	.042	.010	.005	.002	.80	.82	.82	.83	7,702	31,744	245,725	.024	.370	.099	.12	.05	.09
g. CLstudy	355	2.60	2.51	2.57	2.55	.050	.011	.005	.002	.94	.96	.96	.97	7,710	31,685	245,739	.064	.505	.307	.10	.04	.05
h. CLproject	353	2.67	2.59	2.64	2.64	.043	.010	.005	.002	.82	.85	.86	.89	7,656	31,452	353	.114	.506	.459	.09	.04	.04
i. present	348	2.18	2.22	2.23	2.23	.047	.011	.005	.002	.88	.89	.89	.92	7,557	31,183	348	.352	.297	.273	-.05	-.06	-.06
2 a. RIntegrate	343	2.67	2.67	2.67	2.69	.045	.010	.005	.002	.83	.83	.85	.86	7,417	30,281	237,303	.882	.972	.706	.01	.00	-.02
b. RIsocietal	341	2.50	2.55	2.59	2.63	.046	.010	.005	.002	.86	.86	.88	.88	7,349	29,944	234,519	.222	.053	.006	-.07	-.11	-.15
c. RIdiverse	342	2.38	2.51	2.54	2.54	.048	.010	.005	.002	.88	.87	.90	.91	7,354	29,889	342	.009	.001	.001	-.15	-.18	-.18
d. Rlownview	340	2.60	2.73	2.77	2.76	.048	.010	.005	.002	.88	.82	.83	.84	368	346	340	.007	.001	.001	-.16	-.20	-.20
e. Rlperspect	338	2.76	2.85	2.87	2.87	.045	.010	.005	.002	.83	.81	.83	.83	368	29,655	232,929	.058	.018	.017	-.11	-.13	-.13
f. Rlnewview	338	2.74	2.80	2.83	2.87	.044	.010	.005	.002	.81	.79	.82	.81	7,275	29,561	232,235	.201	.047	.006	-.07	-.11	-.15
g. Rlconnect	337	2.97	3.02	3.06	3.08	.043	.009	.005	.002	.80	.77	.78	.78	367	29,404	231,174	.325	.040	.011	-.06	-.11	-.14
3 a. SFcareer	341	2.30	2.28	2.18	2.14	.050	.011	.005	.002	.93	.88	.90	.92	370	347	231,997	.721	.019	.001	.02	.13	.17
b. SFotherwork	340	1.80	1.79	1.72	1.69	.049	.011	.005	.002	.90	.93	.90	.90	7,253	29,332	231,004	.850	.075	.021	.01	.10	.13
c. SFdiscuss	340	1.95	2.00	1.98	1.98	.048	.011	.005	.002	.88	.88	.89	.91	7,229	29,280	230,662	.340	.569	.616	-.05	-.03	-.03
d. SFperform	338	2.11	2.12	2.09	2.07	.046	.010	.005	.002	.85	.87	.88	.90	7,215	29,187	229,876	.764	.717	.436	-.02	.02	.04
4 a. memorize	335	2.99	2.98	3.00	2.98	.042	.010	.005	.002	.77	.80	.82	.83	7,238	29,315	336	.816	.906	.702	.01	-.01	.02
b. HOapply	335	2.91	2.90	2.98	2.99	.042	.010	.005	.002	.77	.81	.83	.82	7,200	29,147	229,437	.866	.126	.096	.01	-.08	-.09
c. HOanalyze	335	2.89	2.89	2.97	2.97	.043	.010	.005	.002	.79	.82	.83	.84	7,186	28,974	228,414	.916	.079	.066	.01	-.10	-.10
d. HOevaluate	337	2.82	2.82	2.90	2.90	.046	.010	.005	.002	.84	.82	.84	.85	7,193	29,027	228,445	.957	.081	.107	.00	-.10	-.09
e. HOform	333	2.82	2.82	2.88	2.88	.046	.010	.005	.002	.83	.83	.86	.86	7,169	28,932	227,877	.894	.232	.178	.01	-.07	-.07
5 a. ETgoals	338	2.96	3.12	3.10	3.12	.043	.009	.005	.002	.79	.75	.77	.78	7,233	29,231	230,024	.000	.002	.000	-.21	-.17	-.21
b. ETorganize	338	3.00	3.08	3.06	3.08	.041	.009	.005	.002	.76	.76	.78	.78	7,212	29,141	338	.068	.179	.042	-.10	-.07	-.11
c. ETexample	336	2.99	3.06	3.05	3.08	.043	.010	.005	.002	.79	.81	.83	.83	7,194	344	336	.178	.191	.049	-.08	-.07	-.10
d. ETdraftfb	335	2.73	2.79	2.79	2.79	.049	.011	.006	.002	.90	.91	.93	.95	7,191	29,039	228,557	.293	.304	.287	-.06	-.06	-.06
e. ETfeedback	335	2.67	2.73	2.70	2.74	.048	.011	.005	.002	.88	.90	.92	.93	7,159	28,935	227,765	.225	.537	.137	-.07	-.03	-.08

# NSSE 2015 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>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UND	UND	Plains Public	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015
	Comparisons with:																					
6 a. QRconclude	337	2.64	2.56	2.61	2.54	.046	.011	.005	.002	.85	.92	.93	.95	375	345	337	.087	.479	.030	.09	.04	.11
b. QRproblem	335	2.37	2.28	2.31	2.27	.049	.011	.006	.002	.89	.93	.95	.95	7,210	29,145	229,099	.086	.261	.066	.10	.06	.10
c. QRevaluate	335	2.33	2.26	2.31	2.26	.048	.011	.005	.002	.87	.90	.92	.93	7,186	29,012	228,076	.215	.802	.224	.07	.01	.07
7 a. wrshortnum	306	6.91	6.32	6.75	6.71	.306	.069	.036	.013	5.36	5.51	5.75	5.73	6,716	314	306	.068	.606	.516	.11	.03	.03
b. wrmednum	301	2.60	1.70	2.17	2.31	.183	.033	.019	.007	3.18	2.61	3.07	3.13	321	25,711	203,125	.000	.017	.108	.34	.14	.09
c. wrlongnum	294	.72	.59	.83	.95	.130	.029	.017	.006	2.23	2.24	2.67	2.78	6,364	24,932	295	.329	.485	.076	.06	-.04	-.08
— wrpages	289	49.76	39.33	47.90	50.26	3.210	.642	.392	.141	54.59	49.79	61.11	62.13	6,295	24,626	289	.001	.606	.877	.21	.03	-.01
8 a. DDrace	315	2.65	2.91	3.07	3.10	.050	.012	.006	.002	.89	.93	.92	.92	6,802	26,855	213,248	.000	.000	.000	-.28	-.46	-.49
b. DDeconomic	313	2.85	2.98	3.07	3.07	.049	.011	.006	.002	.86	.89	.90	.90	6,794	26,788	212,550	.018	.000	.000	-.14	-.25	-.24
c. DDreligion	314	2.81	2.96	3.01	3.00	.050	.011	.006	.002	.88	.92	.95	.96	6,778	26,754	212,192	.003	.000	.000	-.17	-.21	-.21
d. DDpolitical	312	2.90	2.94	2.98	2.95	.050	.011	.006	.002	.88	.92	.94	.96	6,747	26,603	312	.466	.149	.293	-.04	-.08	-.05
9 a. LSreading	312	2.99	3.07	3.11	3.15	.045	.010	.005	.002	.80	.79	.78	.78	6,761	26,641	211,865	.092	.007	.000	-.10	-.15	-.20
b. LSnotes	311	2.80	2.86	2.89	2.88	.052	.011	.006	.002	.91	.90	.90	.91	6,740	26,559	211,146	.249	.083	.124	-.07	-.10	-.09
c. LSsummary	309	2.71	2.78	2.80	2.83	.053	.011	.006	.002	.93	.90	.91	.91	6,677	26,292	208,924	.202	.098	.023	-.07	-.09	-.13
10. challenge	311	5.39	5.44	5.52	5.53	.064	.014	.007	.003	1.12	1.11	1.13	1.16	6,745	26,562	211,105	.397	.044	.034	-.05	-.12	-.12
11 a. intern <sup>l</sup>	311	.062	.073	.091	.091	.0137	.0032	.0018	.0006	--	--	--	--	--	--	--	.456	.075	.071	-.04	-.11	-.11
b. leader <sup>l</sup>	308	.132	.128	.123	.115	.0193	.0042	.0020	.0007	--	--	--	--	--	--	--	.849	.630	.347	.01	.03	.05
c. learncom <sup>l</sup>	312	.147	.145	.199	.147	.0201	.0044	.0025	.0008	--	--	--	--	--	--	--	.921	.021	.985	.01	-.14	.00
d. abroad <sup>l</sup>	311	.017	.031	.035	.036	.0073	.0022	.0011	.0004	--	--	--	--	--	--	--	.146	.081	.065	-.10	-.12	-.12
e. research <sup>l</sup>	309	.060	.050	.056	.053	.0135	.0027	.0014	.0005	--	--	--	--	--	--	--	.453	.802	.606	.04	.01	.03
f. capstone <sup>l</sup>	312	.036	.026	.031	.031	.0105	.0020	.0011	.0004	--	--	--	--	--	--	--	.299	.645	.614	.06	.03	.03
12. servcourse	307	1.66	1.60	1.56	1.58	.035	.008	.004	.001	.62	.65	.65	.67	6,645	26,057	307	.099	.008	.025	.10	.15	.12
13 a. QIstudent	311	5.64	5.54	5.50	5.54	.074	.017	.009	.003	1.30	1.35	1.39	1.40	6,691	319	311	.223	.068	.164	.07	.10	.07
b. QIadvisor	303	5.10	5.22	5.04	5.05	.101	.021	.011	.004	1.76	1.66	1.73	1.74	6,631	25,738	197,651	.193	.609	.678	-.08	.03	.02
c. QIfaculty	306	5.08	5.26	5.13	5.19	.080	.018	.009	.003	1.40	1.42	1.48	1.50	6,620	25,987	205,307	.025	.505	.184	-.13	-.04	-.08
d. QIstaff	297	4.99	5.04	4.85	4.90	.090	.021	.011	.004	1.55	1.63	1.70	1.72	6,169	305	297	.551	.131	.319	-.04	.08	.05
e. QIadmin	295	4.87	4.97	4.73	4.81	.097	.021	.011	.004	1.66	1.64	1.72	1.74	6,308	24,237	191,699	.283	.154	.577	-.06	.08	.03
14 a. empstudy	295	3.07	3.17	3.20	3.20	.045	.010	.005	.002	.78	.74	.75	.75	6,293	24,542	196,021	.020	.002	.002	-.14	-.18	-.18
b. SEacademic	292	3.01	3.07	3.08	3.07	.047	.011	.005	.002	.81	.83	.85	.84	6,261	24,365	194,685	.259	.197	.250	-.07	-.08	-.07
c. SElearnsup	294	2.99	3.10	3.11	3.08	.052	.011	.006	.002	.89	.88	.90	.90	6,260	24,372	194,642	.026	.021	.060	-.13	-.13	-.11



# NSSE 2015 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	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015
	Comparisons with:																					
d. SEdiverse	294	2.61	2.72	2.71	2.70	.053	.013	.006	.002	.91	.97	.99	.99	6,254	301	294	.072	.074	.115	-.11	-.10	-.09
e. SEsocial	292	2.94	3.03	3.01	2.97	.050	.011	.006	.002	.85	.87	.89	.90	6,248	24,375	194,685	.075	.198	.647	-.11	-.08	-.03
f. SEwellness	288	2.97	3.02	2.98	2.94	.049	.011	.006	.002	.84	.88	.90	.92	6,230	295	288	.290	.825	.560	-.06	-.01	.03
g. SEnonacad	291	2.45	2.38	2.38	2.36	.054	.013	.006	.002	.92	.98	1.00	1.00	6,230	298	291	.236	.183	.098	.07	.07	.09
h. SEactivities	287	3.00	2.96	2.91	2.83	.049	.011	.006	.002	.83	.88	.92	.95	6,223	294	287	.482	.082	.001	.04	.09	.17
i. SEevents	286	2.45	2.61	2.57	2.55	.056	.012	.006	.002	.94	.94	.97	.98	6,194	24,139	192,791	.005	.037	.084	-.17	-.12	-.10
15 a. tmprephrs	291	13.08	13.20	14.50	14.35	.455	.102	.055	.019	7.76	7.83	8.53	8.56	6,238	298	291	.802	.002	.005	-.02	-.17	-.15
b. tmcocurrhrs	293	5.21	5.51	5.30	5.02	.357	.086	.043	.015	6.10	6.63	6.65	6.60	6,203	24,201	193,180	.449	.817	.615	-.05	-.01	.03
c. tmworkonhrs	293	3.52	2.55	2.41	2.12	.351	.072	.037	.012	6.00	5.55	5.79	5.33	317	298	293	.007	.002	.000	.17	.19	.26
d. tmworkoffhrs	292	4.35	5.31	4.43	5.20	.448	.123	.056	.022	7.66	9.42	8.72	9.44	336	24,180	292	.041	.885	.061	-.10	-.01	-.09
— tmworkhrs	291	7.90	7.79	6.77	7.23	.576	.140	.069	.025	9.84	10.72	10.65	10.96	325	24,082	291	.855	.071	.246	.01	.11	.06
e. tmservicehrs	287	2.33	2.21	2.36	2.34	.239	.054	.029	.010	4.05	4.10	4.45	4.51	6,169	23,972	191,625	.639	.910	.944	.03	-.01	.00
f. tmrelaxhrs	292	13.99	13.21	12.70	12.51	.493	.111	.055	.020	8.43	8.56	8.54	8.64	6,189	24,076	192,570	.129	.011	.003	.09	.15	.17
g. tmcarehrs	291	1.19	2.32	2.42	3.11	.224	.087	.041	.017	3.82	6.70	6.34	7.47	384	309	293	.000	.000	.000	-.17	-.19	-.26
h. tmcommutehrs	292	3.53	3.28	4.13	4.13	.266	.063	.037	.013	4.54	4.88	5.66	5.67	6,219	302	292	.382	.026	.025	.05	-.11	-.11
16. reading	288	2.61	2.73	2.71	2.84	.066	.014	.007	.003	1.12	1.08	1.12	1.13	6,177	24,013	192,027	.057	.115	.000	-.12	-.09	-.21
— tmreadinghrs	285	5.65	6.08	6.51	6.89	.324	.072	.038	.014	5.46	5.48	5.84	6.06	6,142	23,878	285	.199	.015	.000	-.08	-.15	-.20
17 a. pgwrite	294	2.75	2.77	2.79	2.83	.051	.012	.006	.002	.87	.89	.92	.91	6,228	24,189	193,504	.779	.474	.159	-.02	-.04	-.08
b. pgspeak	294	2.60	2.66	2.62	2.64	.052	.012	.006	.002	.89	.93	.95	.96	6,206	301	294	.278	.703	.479	-.06	-.02	-.04
c. pgthink	290	3.02	3.02	3.05	3.07	.046	.011	.005	.002	.78	.81	.83	.83	6,198	297	290	.972	.565	.267	.00	-.03	-.06
d. pganalyze	291	2.64	2.56	2.64	2.59	.053	.012	.006	.002	.90	.96	.97	.99	322	298	291	.169	.969	.325	.08	.00	.05
e. pgwork	291	2.53	2.60	2.58	2.58	.053	.012	.006	.002	.90	.95	.98	.99	6,200	298	291	.238	.357	.406	-.07	-.05	-.04
f. pgothers	288	2.79	2.79	2.79	2.80	.050	.012	.006	.002	.86	.89	.90	.92	6,184	24,051	192,370	.977	.970	.869	.00	.00	-.01
g. pgvalues	291	2.59	2.63	2.63	2.65	.054	.012	.006	.002	.92	.96	.99	.99	6,203	299	291	.480	.548	.285	-.04	-.03	-.06
h. pgdiverse	292	2.56	2.70	2.69	2.70	.057	.012	.006	.002	.98	.95	.97	.98	6,205	24,059	192,652	.015	.019	.013	-.15	-.14	-.15
i. pgprobsolve	289	2.65	2.56	2.58	2.59	.054	.012	.006	.002	.92	.92	.95	.96	6,187	24,048	192,492	.127	.232	.337	.09	.07	.06
j. pgcitizen	288	2.51	2.60	2.56	2.58	.055	.012	.006	.002	.94	.94	.97	.97	6,166	23,955	191,621	.107	.337	.188	-.10	-.06	-.08
18. evalexp	296	3.20	3.21	3.18	3.17	.037	.009	.005	.002	.64	.69	.72	.73	330	304	296	.762	.604	.434	-.02	.03	.04
19. sameinst	295	3.25	3.25	3.21	3.21	.043	.010	.005	.002	.74	.77	.80	.80	6,240	24,251	193,866	.970	.443	.402	.00	.05	.05

# NSSE 2015 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		Plains Public	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	Comparisons with:			Comparisons with:			Comparisons with:		
	UND	UND												Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015
1 a. askquest	546	3.00	3.16	3.06	3.12	.038	.009	.004	.002	.89	.84	.88	.87	10,256	40,999	547	.000	.082	.002	-.19	-.07	-.13
b. drafts	536	2.43	2.40	2.40	2.43	.043	.010	.005	.002	.99	1.01	1.02	1.03	10,182	40,703	538	.603	.565	.993	.02	.03	.00
c. unpreparedr	529	3.01	2.98	2.93	2.94	.034	.008	.004	.002	.79	.80	.82	.82	10,155	543	530	.433	.020	.058	.04	.10	.08
d. attendart	527	1.77	1.82	1.83	1.85	.040	.009	.005	.002	.91	.92	.92	.93	10,094	40,257	262,960	.321	.139	.052	-.04	-.06	-.08
e. CLaskhelp	525	2.49	2.42	2.44	2.42	.040	.009	.005	.002	.92	.88	.90	.89	578	40,156	262,507	.125	.257	.101	.07	.05	.07
f. CLexplain	519	2.70	2.73	2.77	2.76	.039	.009	.004	.002	.89	.85	.85	.85	571	531	520	.519	.090	.139	-.03	-.08	-.07
g. CLstudy	517	2.43	2.42	2.50	2.49	.045	.010	.005	.002	1.03	.99	1.01	1.00	9,993	39,669	259,232	.809	.083	.120	.01	-.08	-.07
h. CLproject	515	2.87	2.84	2.87	2.90	.040	.009	.005	.002	.91	.90	.92	.91	9,945	39,516	258,269	.570	.959	.430	.03	.00	-.03
i. present	512	2.59	2.63	2.64	2.72	.043	.010	.005	.002	.98	.95	.97	.97	9,871	39,134	256,477	.437	.304	.003	-.04	-.05	-.13
2 a. RIntegrate	504	2.97	3.02	3.01	3.02	.036	.008	.004	.002	.82	.82	.84	.84	9,744	38,325	252,333	.182	.323	.212	-.06	-.04	-.06
b. RIsocietal	498	2.70	2.82	2.80	2.85	.039	.009	.005	.002	.88	.88	.92	.90	9,617	37,849	249,496	.002	.017	.000	-.14	-.11	-.17
c. RIdiverse	500	2.40	2.64	2.58	2.66	.041	.010	.005	.002	.92	.95	.98	.97	9,649	514	501	.000	.000	.000	-.25	-.19	-.26
d. Rlownview	499	2.68	2.83	2.83	2.86	.038	.009	.004	.002	.85	.84	.86	.85	9,635	37,719	248,937	.000	.000	.000	-.18	-.17	-.21
e. Rlperspect	498	2.79	2.92	2.93	2.95	.038	.009	.004	.002	.86	.83	.85	.84	549	510	499	.001	.000	.000	-.15	-.16	-.19
f. RInewview	494	2.85	2.92	2.93	2.96	.036	.008	.004	.002	.81	.80	.82	.81	547	37,511	495	.063	.016	.001	-.09	-.11	-.15
g. Rlconnect	494	3.11	3.23	3.21	3.24	.035	.008	.004	.002	.78	.74	.76	.75	9,554	37,389	246,561	.001	.002	.000	-.16	-.14	-.17
3 a. SFcareer	492	2.30	2.46	2.36	2.39	.045	.010	.005	.002	.99	.97	.98	.99	9,569	37,429	247,350	.000	.230	.063	-.16	-.05	-.08
b. SFotherwork	491	1.94	1.98	1.92	1.91	.044	.011	.005	.002	.97	1.03	1.02	1.03	552	505	492	.355	.671	.592	-.04	.02	.02
c. SFdiscuss	491	2.19	2.21	2.16	2.19	.043	.010	.005	.002	.95	.96	.96	.97	9,538	37,258	246,199	.643	.486	.917	-.02	.03	.00
d. SFperform	491	2.14	2.22	2.17	2.19	.041	.010	.005	.002	.90	.92	.93	.94	9,510	37,125	492	.061	.601	.302	-.09	-.02	-.04
4 a. memorize	492	2.78	2.75	2.80	2.77	.039	.009	.005	.002	.86	.90	.91	.91	551	506	493	.425	.649	.798	.04	-.02	.01
b. HOapply	491	3.24	3.11	3.13	3.13	.035	.008	.004	.002	.77	.79	.81	.81	9,489	37,110	245,140	.000	.004	.002	.17	.13	.14
c. HOanalyze	491	3.09	3.05	3.09	3.10	.036	.009	.004	.002	.79	.83	.85	.84	9,475	37,020	244,532	.282	.985	.824	.05	.00	-.01
d. HOevaluate	488	2.78	2.91	2.92	2.96	.039	.009	.005	.002	.85	.86	.90	.88	9,466	36,995	244,462	.001	.001	.000	-.15	-.15	-.20
e. HOform	490	2.93	2.94	2.95	2.98	.038	.009	.005	.002	.85	.84	.87	.86	9,466	36,928	243,915	.691	.518	.196	-.02	-.03	-.06
5 a. ETgoals	496	3.14	3.16	3.16	3.18	.033	.008	.004	.002	.73	.77	.79	.78	557	511	497	.418	.515	.210	-.04	-.03	-.05
b. ETorganize	490	3.07	3.12	3.10	3.12	.034	.008	.004	.002	.76	.77	.80	.79	9,502	504	491	.150	.270	.098	-.07	-.05	-.07
c. ETexample	493	3.16	3.12	3.13	3.14	.034	.009	.004	.002	.76	.82	.83	.83	9,487	509	495	.276	.361	.573	.05	.04	.02
d. ETdraftfb	491	2.73	2.78	2.72	2.75	.041	.010	.005	.002	.91	.96	.99	.99	9,477	506	493	.293	.748	.545	-.05	.01	-.03
e. ETfeedback	488	2.82	2.86	2.83	2.85	.041	.009	.005	.002	.91	.89	.92	.92	9,456	36,915	243,851	.326	.878	.471	-.05	-.01	-.03

# NSSE 2015 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	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	Comparisons with:			Comparisons with:			Comparisons with:		
														Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015
6 a. QRconclude	496	2.77	2.62	2.68	2.63	.043	.010	.005	.002	.95	.94	.97	.97	9,525	37,210	497	.001	.034	.001	.16	.10	.15
b. QRproblem	493	2.58	2.43	2.44	2.42	.044	.010	.005	.002	.98	.96	1.00	.99	9,511	37,150	245,269	.001	.003	.000	.15	.13	.16
c. QRevaluate	493	2.52	2.42	2.45	2.43	.043	.010	.005	.002	.95	.94	.97	.97	9,486	37,018	244,532	.021	.119	.041	.11	.07	.09
7 a. wrshortnum	460	7.12	7.42	7.07	7.61	.300	.072	.036	.014	6.43	6.58	6.48	6.69	8,814	33,451	222,896	.332	.870	.118	-.05	.01	-.07
b. wrmednum	457	3.23	2.97	3.24	3.69	.176	.041	.023	.009	3.75	3.74	4.08	4.32	8,656	32,991	459	.149	.936	.008	.07	.00	-.11
c. wrlongnum	452	2.01	1.62	1.89	2.15	.147	.035	.020	.008	3.12	3.14	3.55	3.74	503	32,300	216,234	.010	.476	.421	.12	.03	-.04
— wrpages	438	75.76	67.78	72.80	81.60	3.557	.838	.479	.192	74.47	74.34	84.14	87.66	8,310	31,327	440	.029	.465	.102	.11	.04	-.07
8 a. DDrace	472	2.68	2.93	3.11	3.14	.043	.010	.005	.002	.93	.94	.93	.92	9,051	34,659	231,727	.000	.000	.000	-.27	-.47	-.51
b. DDeconomic	474	2.85	2.99	3.11	3.12	.041	.010	.005	.002	.89	.89	.89	.89	9,032	34,571	231,038	.000	.000	.000	-.17	-.30	-.30
c. DDreligion	472	2.84	2.97	3.03	3.05	.043	.010	.005	.002	.93	.93	.95	.94	9,007	34,485	230,511	.003	.000	.000	-.14	-.20	-.23
d. DDpolitical	471	2.93	3.00	3.03	3.03	.042	.010	.005	.002	.92	.91	.93	.93	8,981	34,351	229,472	.076	.012	.013	-.08	-.12	-.11
9 a. LSreading	475	3.13	3.19	3.21	3.24	.037	.009	.004	.002	.81	.79	.81	.79	9,023	34,471	230,480	.080	.028	.002	-.08	-.10	-.14
b. LSnotes	472	2.84	2.81	2.87	2.84	.045	.010	.005	.002	.98	.95	.95	.96	8,987	34,395	229,745	.410	.482	.952	.04	-.03	.00
c. LSsummary	467	2.83	2.85	2.87	2.87	.041	.010	.005	.002	.88	.91	.93	.93	8,881	33,980	227,267	.780	.458	.367	-.01	-.03	-.04
10. challenge	476	5.72	5.62	5.63	5.63	.050	.013	.007	.003	1.08	1.18	1.22	1.20	8,983	492	477	.079	.075	.091	.08	.07	.07
11 a. intern <sup>l</sup>	471	.441	.510	.502	.508	.0229	.0054	.0027	.0010	--	--	--	--	--	--	--	.004	.009	.004	-.14	-.12	-.13
b. leader <sup>l</sup>	472	.377	.377	.351	.358	.0223	.0053	.0026	.0010	--	--	--	--	--	--	--	.992	.252	.389	.00	.05	.04
c. learncom <sup>l</sup>	473	.230	.254	.249	.242	.0194	.0047	.0024	.0009	--	--	--	--	--	--	--	.256	.364	.572	-.05	-.04	-.03
d. abroad <sup>l</sup>	471	.089	.129	.143	.141	.0131	.0036	.0019	.0007	--	--	--	--	--	--	--	.011	.001	.001	-.13	-.17	-.16
e. research <sup>l</sup>	469	.206	.223	.246	.245	.0187	.0045	.0023	.0009	--	--	--	--	--	--	--	.410	.049	.053	-.04	-.09	-.09
f. capstone <sup>l</sup>	471	.517	.449	.420	.445	.0230	.0054	.0027	.0010	--	--	--	--	--	--	--	.004	.000	.002	.14	.20	.15
12. servcourse	466	1.64	1.78	1.69	1.71	.031	.007	.004	.001	.67	.68	.68	.69	520	34,043	227,778	.000	.178	.039	-.20	-.06	-.10
13 a. QIstudent	458	5.57	5.71	5.66	5.69	.062	.014	.007	.003	1.33	1.26	1.33	1.31	8,875	34,004	227,656	.026	.177	.054	-.11	-.06	-.09
b. QIadvisor	466	5.09	5.26	5.02	5.12	.081	.019	.010	.004	1.76	1.75	1.82	1.80	8,887	33,723	222,114	.034	.407	.694	-.10	.04	-.02
c. QIfaculty	467	5.41	5.51	5.43	5.50	.060	.015	.008	.003	1.31	1.34	1.43	1.40	8,873	482	225,945	.099	.681	.154	-.08	-.02	-.07
d. QIstaff	394	4.93	4.99	4.78	4.83	.080	.020	.011	.004	1.60	1.66	1.77	1.76	7,272	406	395	.432	.080	.220	-.04	.08	.06
e. QIadmin	449	4.74	4.99	4.73	4.79	.079	.018	.010	.004	1.67	1.64	1.75	1.75	8,485	32,146	215,569	.002	.875	.543	-.15	.01	-.03
14 a. empstudy	458	3.13	3.13	3.19	3.18	.036	.008	.004	.002	.78	.76	.78	.77	8,557	32,307	217,546	.918	.090	.147	.00	-.08	-.07
b. SEacademic	455	2.81	2.93	2.92	2.93	.040	.009	.005	.002	.84	.85	.87	.87	8,498	32,074	215,985	.005	.008	.004	-.14	-.13	-.14
c. SElearnsup	454	2.74	2.82	2.85	2.84	.043	.010	.005	.002	.91	.93	.94	.94	8,498	32,071	216,077	.086	.014	.021	-.08	-.12	-.11

# NSSE 2015 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		Plains Public	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	UND	Plains Public	Carnegie Class	NSSE 2015	Comparisons with:			Comparisons with:			Comparisons with:		
	UND	UND												Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015	Plains Public	Carnegie Class	NSSE 2015
d. SEdiverse	451	2.37	2.55	2.56	2.56	.043	.011	.006	.002	.92	.97	1.01	1.01	508	466	452	.000	.000	.000	-.18	-.19	-.19
e. SEsocial	449	2.73	2.89	2.86	2.84	.042	.010	.005	.002	.88	.88	.93	.93	8,491	32,090	216,182	.000	.003	.014	-.18	-.14	-.12
f. SEwellness	450	2.83	2.79	2.78	2.76	.043	.010	.005	.002	.91	.93	.96	.96	8,466	464	451	.441	.227	.087	.04	.05	.08
g. SEnonacad	450	2.09	2.07	2.08	2.09	.043	.011	.006	.002	.92	.96	1.00	.99	8,475	464	451	.608	.697	.858	.02	.02	.01
h. SEactivities	449	2.64	2.68	2.70	2.63	.043	.011	.005	.002	.91	.94	.97	.99	8,442	31,866	450	.362	.174	.866	-.04	-.06	.01
i. SEevents	446	2.29	2.42	2.42	2.42	.042	.010	.005	.002	.89	.93	.97	.98	501	460	447	.002	.002	.003	-.14	-.14	-.13
15 a. tmprephrs	450	16.43	14.32	14.90	14.86	.427	.097	.051	.019	9.06	8.73	9.02	9.02	8,478	31,957	215,674	.000	.000	.000	.24	.17	.17
b. tmcocurrhrs	449	4.22	4.50	4.52	4.59	.289	.074	.038	.015	6.11	6.61	6.68	6.81	509	463	450	.345	.300	.201	-.04	-.05	-.05
c. tmworkonhrs	452	4.55	3.97	4.00	3.55	.369	.083	.043	.015	7.84	7.45	7.64	7.05	8,451	31,828	452	.111	.131	.007	.08	.07	.14
d. tmworkoffhrs	449	12.55	13.48	11.58	11.52	.614	.148	.073	.028	13.02	13.22	12.97	12.93	8,416	31,653	213,761	.147	.117	.092	-.07	.07	.08
— tmworkhrs	448	16.96	17.32	15.45	14.94	.608	.145	.075	.029	12.87	12.94	13.24	13.20	8,362	31,420	212,333	.563	.017	.001	-.03	.11	.15
e. tmservicehrs	446	2.64	2.97	3.03	3.10	.217	.058	.030	.012	4.58	5.21	5.29	5.32	8,384	31,532	448	.199	.120	.035	-.06	-.07	-.09
f. tmrelaxhrs	450	11.36	11.12	10.79	10.96	.378	.091	.046	.018	8.01	8.14	8.13	8.21	8,436	31,726	213,949	.545	.143	.311	.03	.07	.05
g. tmcarehrs	445	5.35	5.97	5.83	5.95	.489	.125	.060	.023	10.32	11.13	10.67	10.83	8,400	31,661	213,560	.250	.348	.243	-.06	-.04	-.06
h. tmcommutehrs	453	3.72	4.15	5.14	4.98	.228	.050	.031	.012	4.86	4.52	5.42	5.51	8,463	468	455	.049	.000	.000	-.10	-.26	-.23
16. reading	449	2.80	2.86	2.88	2.93	.057	.013	.007	.003	1.22	1.18	1.21	1.20	8,423	31,748	214,183	.251	.157	.023	-.06	-.07	-.11
— tmreadinghrs	446	7.63	7.00	7.21	7.38	.307	.070	.036	.014	6.49	6.23	6.39	6.47	8,377	31,529	212,955	.038	.163	.404	.10	.07	.04
17 a. pgwrite	452	2.86	2.94	2.96	3.03	.042	.010	.005	.002	.90	.91	.93	.91	8,468	31,909	215,213	.066	.020	.000	-.09	-.11	-.19
b. pgspeak	452	2.80	2.86	2.88	2.93	.043	.011	.005	.002	.91	.94	.96	.94	8,441	31,791	214,399	.200	.070	.004	-.06	-.09	-.14
c. pgthink	452	3.21	3.23	3.28	3.30	.038	.009	.005	.002	.80	.80	.81	.80	8,446	31,802	214,336	.543	.064	.013	-.03	-.09	-.12
d. pganalyze	453	2.87	2.76	2.88	2.81	.043	.011	.006	.002	.92	.97	.99	1.00	510	467	454	.021	.700	.226	.11	-.02	.05
e. pgwork	453	2.95	2.98	2.90	2.90	.044	.010	.006	.002	.94	.94	.99	.99	8,457	467	454	.400	.291	.317	-.04	.05	.04
f. pgothers	452	2.90	3.01	3.01	3.02	.044	.010	.005	.002	.93	.88	.91	.90	498	31,744	214,057	.023	.019	.005	-.12	-.11	-.13
g. pgvalues	452	2.63	2.74	2.75	2.79	.047	.011	.006	.002	1.01	.99	1.04	1.02	8,443	31,778	214,325	.019	.013	.001	-.11	-.12	-.16
h. pgdiverse	450	2.49	2.75	2.77	2.79	.045	.011	.006	.002	.96	.97	1.01	1.00	8,444	31,796	214,441	.000	.000	.000	-.27	-.28	-.30
i. pgprobsolve	454	2.81	2.76	2.80	2.79	.043	.010	.006	.002	.92	.94	.98	.97	8,437	468	455	.259	.740	.629	.05	.01	.02
j. pgcitizen	446	2.44	2.64	2.63	2.67	.045	.011	.006	.002	.95	.98	1.01	1.01	8,403	459	447	.000	.000	.000	-.20	-.18	-.22
18. evalexp	453	3.18	3.22	3.21	3.22	.034	.008	.004	.002	.71	.74	.77	.76	8,479	467	454	.292	.318	.173	-.05	-.04	-.06
19. sameinst	454	3.24	3.21	3.20	3.19	.036	.009	.005	.002	.77	.81	.85	.85	8,481	469	215,677	.486	.322	.222	.03	.04	.06

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### Endnotes

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