University of North Dakota NSSE 2017 Major Field Report, Part II Comparisons to Other Institutions Education

Comparing your students majoring in the fields shown below to those in the same fields at your comparison group institutions

The Major Field Report group 'Education' includes the following majors: Early childhood education; Education (general); Elementary, middle school education; Mathematics education; Music or art education; Other education; Parks, recreation, leisure studies, sports mgmt.; Physical education; Secondary education; Social studies education; Special education.



Note:

The Major Field Report was formatted for printing. When viewing on screen in Excel, some content may appear truncated or oddly formatted. This is normal. Increasing the zoom level or viewing the report in Print Preview will improve on-screen display.



NSSE 2017 Major Field Report, Part II

About This Report

About Your Major Field Report, Part II

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institutionlevel comparisons may not capture important variation in student engagement that can be found within key subpopulations such as major. This report displays selected results for students at your institution and at your selected comparison institutions in the major category: Education.

NSSE results included in MFR, Part II

- Engagement Indicators
- High-Impact Practices
- Frequencies and Statistical Comparisons
- Respondent Profile

Related-Major Groups

Self-reported first and second (if applicable) majors were identified from the survey. Your institution had the option to customize how these majors were grouped, using up to ten relatedmajor groups. Institutions choosing not to customize their major categories receive NSSE's ten default groups. The majors used in this report are listed on the cover page of this report.

Sample

This report is based on information from all randomly selected or census-administered students in the indicated group of majors for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included. Report Sample (if applicable) respondents are also excluded.

Class

Results are presented separately by institution-reported class level. Keep in mind that majors are student-reported. First-year students may report *intended* majors that have not yet been *declared*. Also, much of the first-year experience may take place outside of the major field. For these reasons, first-year results should be interpreted with caution.

Technical Requirements

Related-major groups with fewer than 5 respondents in a given class are not reported (columns are blank). Groups containing at least 5 respondents, but fewer than 20, are reported in frequency distributions only. Comparison groups must contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement for all other statistics (Engagement Indicators, means, etc.), keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, *Major Field Report* results are unweighted.

Report Sections (Those marked with an asterisk are included if at least one related-major group includes 20 or more respondents.)

Engagement Indicators*	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes. See your Engagement Indicators report for more details.
High-Impact Practices*	Results on student participation in six High-Impact Practices (HIPs). See your High-Impact Practices report for more details.
Frequencies and Statistical Comparisons*	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile	Response frequencies for all demographic questions for your institution and your three core comparison groups.



Overview of Engagement Indicators: Education University of North Dakota

Engagement Indicators: Overview

Engagement Indicators are summary measures based on sets of NSSE questions examining key dimensions of student engagement. The ten indicators are organized within four themes: Academic Challenge, Learning with Peers, Experiences with Faculty, and Campus Environment. The tables below compare average scores^a for your students in this related-major category with students in your comparison groups within the same category.

Use the following key:

- **Your students' average** was significantly higher (p<.05) with an effect size at least .3 in magnitude.
- \triangle Your students' average was significantly higher (p<.05) with an effect size less than .3 in magnitude.
- -- No significant difference.
- ∇ Your students' average was significantly lower (p<.05) with an effect size less than .3 in magnitude.
- **Vour students' average** was significantly lower (p<.05) with an effect size at least .3 in magnitude.

		First-	Year Students in Edu	cation		Seniors in Education	ı
		Your first-year students compared with	Your first-year students compared with	Your first-year students compared with	Your seniors compared with	Your seniors compared with	Your seniors compared with
Theme	Engagement Indicator	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017
	Higher-Order Learning						
Academic	Reflective & Integrative Learning						
Challenge	Learning Strategies						
	Quantitative Reasoning						
Learning with	Collaborative Learning						
Peers	Discussions with Diverse Others	▼	▼	▼			
Experiences	Student-Faculty Interaction						
with Faculty	Effective Teaching Practices						
Campus	Quality of Interactions						
Environment	Supportive Environment	▼	∇	$\mathbf{\nabla}$			



Engagement Indicators: Education University of North Dakota

First-year students^a in

Education	Mea	n statistics			Percer	ntile ^d scores			C	Comparison re	sults	
		SD ^b	SEM ^c		2511	501	754	0511		Mean	Sig. ^f	Effect size ^g
Academic Challenge	Mean	SD	SEIVI	5th	25th	50th	75th	95th	Deg. of freedom ^e	diff.	Sig."	size -
Higher-Order Learning												
UND (N = 53)	36.6	14.2	1.95	15	25	35	45	60				
Plains Public Plus	36.9	14.2	.36	15	30	40	45 45	60	1,401	3		020
Carnegie Class	37.6	12.3	.30	20	30	40	45	60	55	-1.0		020
NSSE 2016 & 2017	37.0	12.3	.10	20	30	40 40	45 45	60	16,720	-1.0		084
	51.1	12.0	.10	20	50	40	45	00	10,720	-1.1		000
Reflective & Integrative Learning	22.4	10.0	1.05	15			10					
UND $(N = 53)$	33.4	10.0	1.37	17	26	34	40	54		1.0		1.50
Plains Public Plus	35.2	11.8	.32	17	26	34	43	57	1,424	-1.8		150
Carnegie Class	36.0	11.6	.29	17	29	37	43	57	1,672	-2.6		226
NSSE 2016 & 2017	35.8	11.6	.09	17	29	34	43	57	16,950	-2.4		202
Learning Strategies												
UND (N = 53)	36.2	12.9	1.77	20	27	40	47	60				
Plains Public Plus	37.2	14.0	.38	13	27	40	47	60	1,406	-1.0		071
Carnegie Class	37.6	13.3	.33	20	27	40	47	60	1,657	-1.4		103
NSSE 2016 & 2017	38.9	13.5	.10	20	27	40	47	60	16,789	-2.6		194
Quantitative Reasoning												
UND $(N = 53)$	23.8	14.6	2.00	0	13	20	33	53				
Plains Public Plus	24.7	15.1	.41	0	13	20	33	53	1,412	9		060
Carnegie Class	24.4	14.9	.37	0	13	20	33	53	1,657	6		042
NSSE 2016 & 2017	24.9	15.2	.12	0	13	20	33	53	16,812	-1.2		077
Learning with Peers												
Collaborative Learning												
UND $(N = 53)$	33.9	11.5	1.57	20	30	35	40	60				
Plains Public Plus	33.2	13.3	.36	15	25	35	40	60	58	.7		.050
Carnegie Class	33.5	13.1	.33	15	25	35	40	60	57	.4		.027
NSSE 2016 & 2017	32.9	13.7	.11	10	25	35	40	60	52	1.0		.074
Discussions with Diverse Others												
UND (N = 53)	34.7	13.1	1.80	15	25	35	40	60				
Plains Public Plus	39.7	15.0	.40	15	30	40	53	60	1,423	-4.9	*	332
Carnegie Class	39.8	14.8	.37	15	30	40	55	60	1,661	-5.1	*	343
NSSE 2016 & 2017	39.6	14.9	.11	15	30	40	50	60	16.849	-4.9	*	331



Engagement Indicators: Education University of North Dakota

First-year students^a in

Education	Mea	n statistics			Percei	ntile ^d scores			C	Comparison re	sults	
									-	Mean		Effect
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	diff.	Sig. ^f	size ^g
Experiences with Faculty												
Student-Faculty Interaction												
UND (N = 53)	20.1	13.5	1.85	0	10	15	30	45				
Plains Public Plus	23.1	14.3	.39	5	15	20	30	50	1,404	-3.0		210
Carnegie Class	21.3	14.3	.36	0	10	20	30	50	1,652	-1.2		086
NSSE 2016 & 2017	23.0	14.4	.11	0	10	20	30	50	16,761	-2.9		199
Effective Teaching Practices												
UND (N = 53)	39.0	12.5	1.72	16	32	40	48	60				
Plains Public Plus	38.7	12.5	.34	20	28	40	48	60	1,426	.3		.026
Carnegie Class	38.4	12.6	.31	20	30	40	48	60	1,673	.7		.053
NSSE 2016 & 2017	39.7	12.7	.10	20	32	40	48	60	16,961	6		051
Campus Environment												
Quality of Interactions												
UND $(N = 51)$	41.7	9.0	1.26	24	36	43	50	54				
Plains Public Plus	43.6	11.1	.30	24	38	45	52	60	1,381	-1.9		173
Carnegie Class	42.6	11.8	.30	20	36	44	50	60	56	9		073
NSSE 2016 & 2017	43.2	11.8	.09	22	36	44	52	60	51	-1.4		123
Supportive Environment												
UND (N = 53)	34.0	8.6	1.18	20	30	35	38	51				
Plains Public Plus	38.3	13.0	.35	18	30	40	48	60	62	-4.3	***	330
Carnegie Class	37.4	13.1	.32	18	28	38	48	60	60	-3.4	**	259
NSSE 2016 & 2017	37.8	13.2	.10	15	29	38	48	60	53	-3.8	**	286



Engagement Indicators: Education University of North Dakota

Seniors^a in

Education	Mea	n statistics			Percer	ntile ^d scores			C	Comparison re	sults	
		SD ^b								Mean		Effect
Academic Challenge	Mean	SD-	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom e	diff.	Sig. ^f	size ^g
· ·												
Higher-Order Learning												
UND $(N = 54)$	39.8	15.4	2.09	15	30	40	55	60				
Plains Public Plus	40.1	13.3	.31	20	30	40	50	60	1,955	3		025
Carnegie Class	40.9	12.8	.28	20	30	40	50	60	55	-1.1		083
NSSE 2016 & 2017	40.9	13.3	.09	20	30	40	50	60	20,809	-1.1		084
Reflective & Integrative Learning												
UND (N = 54)	41.1	13.2	1.79	20	31	40	51	60				
Plains Public Plus	39.6	11.8	.27	20	31	40	49	60	1,980	1.5		.126
Carnegie Class	40.6	11.6	.25	20	31	40	49	60	2,216	.5		.047
NSSE 2016 & 2017	40.1	12.0	.08	20	31	40	49	60	21,074	1.0		.086
Learning Strategies												
UND (N = 54)	36.7	15.9	2.16	7	27	40	47	60				
Plains Public Plus	38.3	14.3	.33	13	27	40	47	60	1,967	-1.6		113
Carnegie Class	38.7	14.3	.31	13	27	40	47	60	2,198	-2.0		142
NSSE 2016 & 2017	39.5	14.5	.10	13	27	40	53	60	20,899	-2.8		193
Quantitative Reasoning												
UND (N = 52)	23.2	17.0	2.36	0	10	20	33	60				
Plains Public Plus	24.4	15.4	.35	0	13	20	33	53	1,961	-1.2		077
Carnegie Class	24.8	16.0	.35	0	13	20	33	60	2,200	-1.6		097
NSSE 2016 & 2017	24.8	16.2	.11	0	13	20	40	60	20,899	-1.6		097
Learning with Peers												
Collaborative Learning												
UND (N = 53)	36.9	12.2	1.67	15	25	40	45	55				
Plains Public Plus	35.2	13.6	.31	15	25	35	45	60	1,960	1.7		.125
Carnegie Class	36.5	13.7	.30	15	25	35	45	60	2,187	.4		.031
NSSE 2016 & 2017	34.5	14.3	.10	10	25	35	45	60	20,895	2.4		.167
Discussions with Diverse Others												
UND (N = 54)	38.1	13.7	1.87	15	30	40	45	60				
Plains Public Plus	38.9	15.0	.34	15	25	40	50	60	1,968	8		053
Carnegie Class	40.1	14.8	.32	15	30	40	55	60	2,204	-1.9		132
NSSE 2016 & 2017	40.1	15.2	.11	15	30	40	55	60	20,929	-2.0		130



Engagement Indicators: Education University of North Dakota

Seniors^a in

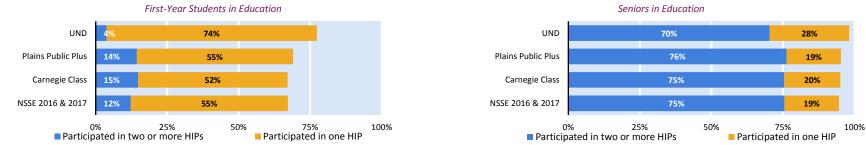
Education	Mea	n statistics			Percei	ntile ^d scores			C	Comparison re	sults	
										Mean		Effect
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	diff.	Sig. ^f	size ^g
Experiences with Faculty												
Student-Faculty Interaction												
UND (N = 53)	29.7	14.5	1.99	5	15	30	40	50				
Plains Public Plus	27.6	15.7	.36	5	15	25	40	60	1,960	2.1		.133
Carnegie Class	26.3	15.3	.33	5	15	25	35	55	2,190	3.4		.225
NSSE 2016 & 2017	27.7	15.9	.11	5	15	25	40	60	20,834	2.1		.129
Effective Teaching Practices												
UND (N = 54)	40.5	14.0	1.91	16	32	40	52	60				
Plains Public Plus	39.5	13.5	.31	16	32	40	48	60	1,984	1.0		.074
Carnegie Class	40.1	13.4	.29	20	32	40	52	60	2,218	.4		.027
NSSE 2016 & 2017	40.7	13.6	.09	16	32	40	52	60	21,087	2		016
Campus Environment												
Quality of Interactions												
UND (N = 49)	42.2	12.9	1.84	22	36	46	50	58				
Plains Public Plus	43.8	10.9	.25	24	38	45	52	60	1,911	-1.6		144
Carnegie Class	42.4	11.1	.24	22	35	44	50	60	2,123	2		018
NSSE 2016 & 2017	43.6	11.4	.08	22	36	44	52	60	20,158	-1.4		122
Supportive Environment												
UND (N = 53)	31.6	10.8	1.49	13	25	30	40	50				
Plains Public Plus	33.3	13.5	.31	13	23	33	43	58	57	-1.7		124
Carnegie Class	33.5	13.3	.29	13	25	33	43	60	2,210	-1.9		141
NSSE 2016 & 2017	33.8	13.9	.10	10	23	35	43	60	52	-2.2		157



High-Impact Practices: Education University of North Dakota

Overall HIP Participation^{a,h}

The figures below display the percentage of students who participated in High-Impact Practices. Both figures include participation in service-learning, a learning community, and research with faculty. The senior figure also includes participation in an internship or field experience, study abroad, and culminating senior experience. The first segment in each bar shows the percentage who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.



Statistical Comparisons

The table below displays the percentage of your students who participated in a given High-Impact Practice, including the percentage who participated overall (at least one, two or more). It also graphs the difference, in percentage points, between your students and those of your comparison groups. Blue bars indicate how much higher your institution's percentage is compared to the comparison group. Dark red bars indicate how much lower your institution's percentage is compared to the comparison group.

			Үои	er students' participation	compared with:		
	UND	Plains Public Plus		Carnegie Clas	s	NSSE 2016 & 2	017
First-Year Students in Education	%	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	Difference ⁱ	ES
12. Service-Learning	74	+9	.19	+13	.27	+10	.22
11c. Learning Community	8	-9	28	-11	*33	-7	21
11e. Research with Faculty	2	-2	12	-2	12	-2	13
Participated in at least one	77	+8	.19	+10	.23	+10	.23
Participated in two or more	4	-11	*39	-11	*40	-9	33
Seniors in Education							
12. Service-Learning	93	+10	.30	+11	* .33	+11	* .33
11c. Learning Community	35	-1	01	-6	13	-2	03
11e. Research with Faculty	17	+2	.05	-0	.00	+0	.00
11a. Internship or Field Exp.	63	-3	06	-3	07	-5	11
11d. Study Abroad	0	-12	**71	-13	**74	-12	**72
11f. Culminating Senior Exp.	61	+16	* .32	+18	* .35	+13	.27
Participated in at least one	98	+3	.17	+3	.18	+4	.20
Participated in two or more	70	-6	13	-5	11	-5	12



Frequencies and Statistical Comparisons: Education

First-Year Stu	dents ^a in					Frequer	ncy D	istribution	S				Sta	itistical	Comparis	ons ^k		
Education										NSSE 2016	5&			Your fir	st-year stude	nts compo	ared with	
				UND		Plains Public	Plus	Carnegie Cl	ass	2017		UND	Plains Pul	blic Plus	Carnegie	Class	NSSE 2016	5 & 2017
Item wording or description	Variable name ^I	Values [*]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
1. During the current s	chool year, abou		· · ·															
a. Asked questions or	askquest	1	Never	2	4	22	2	39	2	336	2							
contributed to course		2	Sometimes	13	25	422	31	601	37	5,211	31							
discussions in other		3	Often	26	50	569	41	594	37	6,464	38	2.9	2.9	05	2.8	.08	2.9	07
ways		4	Very often	11	21	363	26	388	24	4,897	29							
			Total	52	100	1,376	100	1,622	100	16,908	100							
b. Prepared two or more	drafts	1	Never	8	15	225	16	304	19	2,465	15							
drafts of a paper or		2	Sometimes	12	23	517	38	585	36	5,972	35							
assignment before turning it in		3	Often	14	26	407	30	478	30	5,110	30	2.8	2.5 **	.38	2.4 **	.42	2.6 *	.29
turning it in		4	Very often	19	36	228	17	252	16	3,335	20						Δ	
			Total	53	100	1,377	100	1,619	100	16,882	100							
c. Come to class without	unpreparedr	1	Very often	4	8	48	3	71	4	695	4							
completing readings or	(Reverse-coded	2	Often	6	11	161	12	219	14	1,893	11							
assignments	version of	3	Sometimes	31	58	822	60	992	61	9,624	57	3.0	3.1	14	3.0	03	3.1	16
	unprepared	4	Never	12	23	343	25	338	21	4,682	28							
	created by NSSE.)		Total	53	100	1,374	100	1,620	100	16,894	100							
d. Attended an art exhibit,	attendart	1	Never	8	15	376	27	461	28	5,163	31							
play, or other arts		2	Sometimes	25	47	544	40	631	39	6,307	37							
performance (dance, music, etc.)		3	Often	14	26	263	19	300	18	3,018	18	2.3	2.2	.14	2.2	.16	2.2	.18
		4	Very often	6	11	192	14	230	14	2,412	14							
			Total	53	100	1,375	100	1,622	100	16,900	100							
e. Asked another student	CLaskhelp	1	Never	1	2	78	6	88	5	1,352	8							
to help you understand		2	Sometimes	16	30	537	39	623	38	6,412	38							
course material		3	Often	26	49	532	39	615	38	6,256	37	2.8	2.7	.23	2.7	.19	2.6 *	.25
		4	Very often	10	19	228	17	300	18	2,892	17						Δ	
			Total	53	100	1,375	100	1,626	100	16,912	100							
f. Explained course	CLexplain	1	Never	1	2	52	4	48	3	807	5							
material to one or more students		2	Sometimes	22	42	472	34	582	36	6,104	36							
students		3	Often	21	40	608	44	709	44	6,984	41	2.7	2.8	05	2.8	05	2.7	01
		4	Very often	9	17	240	17	284	17	3,014	18							
			Total	53	100	1,372	100	1,623	100	16,909	100							



Frequencies and Statistical Comparisons: Education

First-Year Stud	lents ^a in					Frequer	ncy D	istribution	IS				St	atistical	Compari	sons ^k		
Education										NSSE 2016	5.&			Your fii	rst-year stud	ents comp	ared with	
				UND		Plains Public	Plus	Carnegie Cl	ass	2017	J G	UND	Plains Pu	ublic Plus	Carnegi	e Class	NSSE 201	6 & 2017
Item wording	Variable													Effect		Effect		Effect
or description	name ¹	Values ⁿ		Count 3	%	Count 177	% 13	Count 198	% 12	Count	<u>%</u> 13	Mean	Mean	size "	Mean	size "	Mean	size ⁿ
 g. Prepared for exams by discussing or working 	CLstudy	2	Never				15 37			2,236								
through course material		2	Sometimes	25	47	509		574	35	6,108	36	2.5						0.0
with other students		5	Often	18 7	34	463	34 17	583	36	5,603	33 17	2.5	2.5	.01	2.6	02	2.5	.00
		4	Very often		13	228	17	268	17 100	2,954	17							
h. Worked with other	CLaurient	1	Total Never	53	100	1,377		1,623	5	16,901	7							
n. worked with other students on course	CLproject	1					6			1,139								
projects or assignments		2	Sometimes	23	43	498	36	611	38	6,231	37	2.7						
		3	Often	19	36	549	40	652	40	6,598	39	2.1	2.7	04	2.7	03	2.7	01
		4	Very often	9	17	241	18	274	17	2,930	17							
			Total	53	100	1,372	100	1,626	100	16,898	100							
 Given a course presentation 	present	1	Never	10	19 47	188	14	251	15	2,337	14							
protoniation		2	Sometimes	25		607	44	722	44	7,016	41	2.2		10				• •
		3	Often	12	23	386	28	470	29	5,241	31	2.3	2.4	18	2.4	11	2.4	20
		4	Very often	6	11	193	14	180	11	2,316	14							
			Total	53	100	1,374	100	1,623	100	16,910	100							
2. During the current scl	100l year, abo	out how o	often have you done th															
a. Combined ideas from	RIintegrate	1	Never	3	6	96	7	124	8	1,218	7							
different courses when completing assignments		2	Sometimes	27	51	525	38	622	38	6,659	39							
completing assignments		3	Often	15	28	533	39	620	38	6,451	38	2.5	2.6	13	2.6	11	2.6	10
		4	Very often	8	15	221	16	254	16	2,572	15							
			Total	53	100	1,375	100	1,620	100	16,900	100							
b. Connected your	RIsocietal	1	Never	2	4	101	7	111	7	1,243	7							
learning to societal problems or issues		2	Sometimes	22	42	554	40	595	37	6,490	38							
problems of issues		3	Often	23	43	520	38	647	40	6,460	38	2.6	2.6	.03	2.7	05	2.6	01
		4	Very often	6	11	199	14	271	17	2,704	16							
			Total	53	100	1,374	100	1,624	100	16,897	100							
c. Included diverse	RIdiverse	1	Never	4	8	104	8	113	7	1,253	7							
perspectives (political, religious, racial/ethnic,		2	Sometimes	23	43	556	40	617	38	6,355	38							
gender, etc.) in course		3	Often	21	40	490	36	599	37	6,277	37	2.5	2.6	12	2.7	18	2.7	17
discussions or		4	Very often	5	9	224	16	292	18	3,020	18							
assignments			Total	53	100	1,374	100	1,621	100	16,905	100							



Frequencies and Statistical Comparisons: Education

First-Year Stu	dents ^a in					Frequer	ncy D	istribution	S				Sta	atistical	Comparis	ons ^k		
Education										NCCE 201/	c 0			Your fir	st-year stude	nts comp	ared with	
				UND		Plains Public	Dluc	Carpogia Cl	200	NSSE 2016 2017	σά	UND	Plains Pu	blic Dluc	Carnegie	Class	NSSE 2016	8. 2017
Item wording	Variable			UND			Flus	Carriegie Ci	ass	2017			FIGHTS FU	Effect	Carriegie	Effect	N33L 2010	Effect
or description	name '	Values"	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size"
d. Examined the strengths	RIownview	1	Never	2	4	69	5	66	4	642	4							
and weaknesses of		2	Sometimes	22	42	465	34	517	32	5,418	32							
your own views on a topic or issue		3	Often	22	42	611	45	744	46	7,700	46	2.6	2.7	10	2.8	18	2.8	19
topie of issue		4	Very often	7	13	224	16	292	18	3,125	19							
			Total	53	100	1,369	100	1,619	100	16,885	100							
e. Tried to better	RIperspect	1	Never	0	0	36	3	48	3	384	2							
understand someone		2	Sometimes	18	34	395	29	413	25	4,716	28							
else's views by		3	Often	27	51	639	47	786	48	7,884	47	2.8	2.9	09	2.9	14	2.9	12
imagining how an issue looks from their		4	Very often	8	15	301	22	374	23	3,906	23							
perspective			Total	53	100	1,371	100	1,621	100	16,890	100							
f. Learned something that	RInewview	1	Never	2	4	35	3	41	3	383	2							
changed the way you		2	Sometimes	22	42	439	32	453	28	4,950	29							
understand an issue or concept		3	Often	24	45	623	45	758	47	7,900	47	2.6	2.8 *	29	2.9 **	38	2.9 **	36
concept		4	Very often	5	9	276	20	366	23	3,641	22		V		V		•	
			Total	53	100	1,373	100	1,618	100	16,874	100							
g. Connected ideas from	RIconnect	1	Never	0	0	13	1	15	1	167	1							
your courses to your		2	Sometimes	9	17	287	21	316	19	3,440	20							
prior experiences and knowledge		3	Often	36	68	688	50	825	51	8,562	51	3.0	3.0	09	3.1	13	3.1	10
Kilowiedge		4	Very often	8	15	378	28	465	29	4,685	28							
			Total	53	100	1,366	100	1,621	100	16,854	100							
3. During the current so	chool year, abo	out how o	often have you done th	ne following?														
a. Talked about career	SFcareer	1	Never	6	11	151	11	260	16	2,296	14							
plans with a faculty member		2	Sometimes	28	53	619	45	700	43	7,195	43							
member		3	Often	13	25	402	29	429	26	4,796	28	2.4	2.5	13	2.4	04	2.5	11
		4	Very often	6	11	201	15	234	14	2,604	15							
			Total	53	100	1,373	100	1,623	100	16,891	100							
b. Worked with a faculty	SFotherwork	1	Never	28	53	549	40	746	46	7,221	43							
member on activities		2	Sometimes	14	26	520	38	524	32	5,732	34							
other than coursework (committees, student		3	Often	6	11	197	14	247	15	2,662	16	1.8	1.9	14	1.8	05	1.9	11
groups, etc.)		4	Very often	5	9	107	8	103	6	1,263	7							
- • · ·			Total	53	100	1,373	100	1,620	100	16,878	100							



Frequencies and Statistical Comparisons: Education

First-Year Stud	dents ^a in					Frequer	ncy D	istribution	S				Sta	atistical	Compari	sons ^k		
Education										NSSE 2016	- 0			Your fii	st-year stud	ents comp	ared with	
				UND		Plains Public	Plus	Carnegie Cl	255	NSSE 2016 2017	2 &	UND	Plains Pu	ihlic Plus	Carnegi	e Class	NSSE 2016	5 & 2017
Item wording	Variable			0110			1105	curregie ei	455	2017			T lains T c	Effect	curregi	Effect	10002 2010	Effect
or description	name '	Values'		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
c. Discussed course	SFdiscuss	1	Never	16	30		28	548	34	4,957	29							
topics, ideas, or concepts with a faculty		2	Sometimes	27	51	632	46	671	42	7,353	44							
member outside of		3	Often	6	11	249	18	297	18	3,256	19	2.0	2.1	10	2.0	.00	2.1	10
class		4	Very often	4	8	103	8	96	6	1,272	8							
			Total	53	100	1,367	100	1,612	100	16,838	100							
d. Discussed your	SFperform	1	Never	18	34	276	20	420	26	3,571	21							
academic performance		2	Sometimes	23	43	670	49	749	46	7,629	45							
with a faculty member		3	Often	10	19	294	21	320	20	4,043	24	1.9	2.2 *	32	2.1	20	2.2 *	33
		4	Very often	2	4	128	9	130	8	1,604	10		•				•	
			Total	53	100	1,368	100	1,619	100	16,847	100						•	
4. During the current sc	hool year, hoy	w much h	has vour coursework e	mphasized th	e foll	owing?												
a. Memorizing course	memorize	1	Very little	4	8	42	3	42	3	601	4							
material		2	Some	8	15	389	28	410	25	4,753	28							
		3	Quite a bit	28	53	641	47	803	50	7,833	46	2.9	2.9	.09	2.9	.03	2.9	.10
		4	Very much	13	25	303	22	365	23	3,694	22		2.9	.07	2.7	.05	2.)	.10
			Total	53	100	1,375	100	1,620	100	16,881	100							
b. Applying facts,	HOapply	1	Very little	3	6		3	47	3	546	3							
theories, or methods to		2	Some	15	28	420	31	400	25	4,743	28							
practical problems or		3	Quite a bit	23	43	609	45	808	50	8,021	48	2.8	2.8	01	2.9	12	2.9	04
new situations		4	Very much	12	23		21	364	22	3,552	21	2.0	2.0	01	2.7	12	2.7	04
			Total	53	100	1,368	100	1,619	100	16,862	100							
c. Analyzing an idea,	HOanalyze	1	Very little	3	6		4	50	3	559	3							
experience, or line of	11041141/20	2	Some	18	34	426	31	427	26	4,751	28							
reasoning in depth by		3	Ouite a bit	16	30	592	43	797	49	7,712	46	2.8	2.8	.02	2.9	05	2.9	04
examining its parts		4	Very much	16	30	303	22	345	21	3,827	23	2.0	2.0	.02	2.)	05	2.9	04
		т	Total	53	100	1,372	100	1,619	100	16,849	100							
d. Evaluating a point of	HOevaluate	1	Very little	0	0		4	55	3	483	3							
view, decision, or		2	Some	17	32	387	28	430	27	4,371	26							
information source		3	Ouite a bit	25	47	635	46	806	50	8,040	48	2.9	2.9	.04	2.9	.02	2.9	04
		4	Very much	11	21	294	21	328	20	3,961	24	M • <i>></i>	2.7	.07	2.7	.02	2.7	04
		-	Total	53	100	1.371	100	1.619	100	16,855	100							
			TOIDI		100	1,3/1	100	1,019	100	10,033	100							



Frequencies and Statistical Comparisons: Education

First-Year Stud	lents ^a in					Frequer	ncy D	istribution	S				Sta	atistical	Compari	sons ^k		
Education										NSSE 2016	0.			Your fir	st-year stud	ents comp	ared with	
				UND		Plains Public	Plus	Carnegie Cl	ass	2017) Q	UND	Plains Pu	ublic Plus	Carnegi	e Class	NSSE 201	6 & 2017
Item wording	Variable					i lullis i ublic	1105	curregie ei	455	2017			T lullis T c	Effect	curregi	Effect	11352 201	Effect
or description	name ^I	Values ^{**}		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
e. Forming a new idea or	HOform	1	Very little	2	4	53	4	62	4	564	3							
understanding from various pieces of		2	Some	18	34	385	28	459	28	4,543	27							
information		3	Quite a bit	24	45	639	47	766	47	7,989	47	2.8	2.9	13	2.8	12	2.9	17
		4	Very much	9	17	291	21	333	21	3,754	22							
			Total	53	100	1,368	100	1,620	100	16,850	100							
5. During the current sch	hool year, to v	what exte	ent have your instructo	ors done the f	ollow	ing?												
a. Clearly explained	ETgoals	1	Very little	1	2	24	2	26	2	264	2							
course goals and		2	Some	7	13	273	20	318	20	3,192	19							
requirements		3	Quite a bit	30	57	666	48	791	49	7,906	47	3.1	3.1	.06	3.1	.06	3.1	.01
		4	Very much	15	28	412	30	487	30	5,537	33							
			Total	53	100	1,375	100	1,622	100	16,899	100							
b. Taught course sessions	ETorganize	1	Very little	1	2	35	3	43	3	411	2							
in an organized way		2	Some	7	13	289	21	311	19	3,265	19							
		3	Quite a bit	34	64	683	50	799	49	8,041	48	3.0	3.0	.04	3.0	01	3.1	03
		4	Very much	11	21	368	27	469	29	5,176	31							
			Total	53	100	1,375	100	1,622	100	16,893	100							
c. Used examples or	ETexample	1	Very little	4	8	32	2	53	3	479	3							
illustrations to explain		2	Some	8	15	314	23	350	22	3,718	22							
difficult points		3	Quite a bit	24	45	608	44	724	45	7,441	44	3.0	3.0	01	3.0	.00	3.0	02
		4	Very much	17	32	418	30	492	30	5,230	31							
			Total	53	100	1,372	100	1,619	100	16,868	100							
d. Provided feedback on a	ETdraftfb	1	Very little	2	4	101	7	122	8	984	6							
draft or work in		2	Some	14	26	380	28	520	32	4,461	26							
progress		3	Quite a bit	21	40	532	39	570	35	6,547	39	3.0	2.8	.14	2.8	.20	2.9	.06
		4	Very much	16	30	358	26	405	25	4,885	29							
			Total	53	100	1,371	100	1,617	100	16,877	100							
e. Provided prompt and	ETfeedback	1	Very little	8	15		8	145	9	1,151	7							
detailed feedback on		2	Some	13	25	430	31	563	35	5,027	30							
tests or completed		3	Quite a bit	23	43	555	41	592	37	6,678	40	2.6	2.7	12	2.7	05	2.8	21
assignments		4	Very much	9	17	276	20	319	20	4,001	24							
			Total	53	100	1,369	100	1,619	100	16,857	100							
			*	55	100	1,000	100	1,017	100	10,007	100							



Frequencies and Statistical Comparisons: Education

University of North Dakota

First-Year Stu	idents ^a in					Frequer	icy D	istribution	S				Sta	atistical	Comparis	ons ^k		
Education										NSSE 2016	5&			,	st-year stude	,		
Item wording	Variable			UND	F	Plains Public	Plus	Carnegie Cl	ass	2017		UND	Plains Pu	blic Plus Effect	Carnegie	Class Effect	NSSE 2016	5 & 2017 Effect
or description	name ¹	Values [*]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size"
6. During the current s	school year, abou	t how o	often have you done th	e following?														
a. Reached conclusions	QRconclude	1	Never	9	17	210	15	249	15	2,462	15							
based on your own		2	Sometimes	22	42	562	41	671	42	7,016	42							
analysis of numerical		3	Often	16	30	470	34	530	33	5,551	33	2.4	2.4	02	2.4	02	2.4	05
information (numbers, graphs, statistics, etc.)		4	Very often	6	11	128	9	166	10	1,834	11							
graphs, statistics, etc.)			Total	53	100	1,370	100	1,616	100	16,863	100							
b. Used numerical	QRproblem	1	Never	12	23	341	25	395	24	4,035	24							
information to examine		2	Sometimes	27	51	572	42	732	45	7,223	43							
a real-world problem of	r	3	Often	11	21	362	26	374	23	4,211	25	2.1	2.2	07	2.1	05	2.2	09
issue (unemployment, climate change, public		4	Very often	3	6	96	7	119	7	1,400	8							,
health, etc.)			Total	53	100	1,371	100	1.620	100	16,869	100							
nearth, etc.)			Total	55	100	1,571	100	1,020	100	10,009	100							
c. Evaluated what others	QRevaluate	1	Never	13	25	308	22	370	23	3,868	23							
have concluded from		2	Sometimes	25	47	604	44	737	46	7,590	45							
numerical information		3	Often	11	21	354	26	411	25	4,175	25	2.1	2.2	08	2.1	04	2.2	06
		4	Very often	4	8	104	8	99	6	1,242	7							
			Total	53	100	1,370	100	1,617	100	16,875	100							
7. During the current	school year, abou	t how 1	nany papers, reports,	or other writi	ing tas	ks of the fol	lowin	g lengths ha	ve you	ı been assig	ned? (Include those no	t yet compl	eted.)				
a. Up to 5 pages	wrshortnum	0	None	3	6	53	4	62	4	721	4			,				
	(Recoded version	1.5	1-2	7	13	271	20	285	18	3,093	18							
	of wrshort created	4	3-5	14	26	390	29	488	30	5,141	31							
	by NSSE. Values	8	6-10	16	30	353	26	409	25	4,179	25	8.2	7.2	.17	7.3	.14	7.1	.17
	are estimated	13	11-15	4	8	157	11	191	12	1,868	11							
	number of papers,	18	16-20	4	8	59	4	86	5	896	5							
	reports, etc.)	23	More than 20	5	9	83	6	95	6	921	5							
			Total	53	100	1,366	100	1,616	100	16,819	100							
b. Between 6 and 10	wrmednum	0	None	10	19	494	37	496	31	5,625	34							
pages	(Recoded version	1.5	1-2	16	30	556	41	701	44	6,717	40							
	of wrmed created	4	3-5	14	26	207	15	289	18	2,963	18							
	by NSSE. Values	8	6-10	7	13	68	5	85	5	994	6	4.5	1.9 ***	.96	2.1 **	.81	2.1 **	.81
	are estimated	13	11-15	3	6	11	1	25	2	220	1						A	
	number of papers,	18	16-20	1	2	4	0	3	0	65	0		_		_		_	
	reports, etc.)	23	More than 20	2	4	3	0	6	0	63	0							
			Total	53	100	1,343	100	1,605	100	16,647	100							



Frequencies and Statistical Comparisons: Education

University of North Dakota

First-Year Stu	udents ^a in					Freque	ncy D	istributior	IS				Sta	tistical	Comparis	ons ^k		
Education			UND		Plains Public	: Plus	Carnegie C	lass	NSSE 2016 2017	5&	UND	Plains Pu		st-year stude Carnegie		ared with NSSE 2016	6 & 2017	
Item wording or description	Variable name ^I	Values'	ⁿ Response options	Count	%	Count	%	Count	%	Count		Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect
c. 11 pages or more	wrlongnum	0	None	36	68	1,052	79	1,253	78	Count 12,855	78	Weun	weun	5120	weun	5120	weath	size "
1.0	(Recoded version	1.5	1-2	13	25	233	17	265	17	2,790	17							
	of wrlong created	4	3-5	1	2	29	2	54	3	450	3							
	by NSSE. Values	8	6-10	1	2	11	1	11	1	235	1	1.1	.5	.28	.6	.26	.7	.16
	are estimated number of papers,	13	11-15	2	4	4	0	10	1	137	1							
	reports, etc.)	18	16-20	0	0	2	0	1	0	38	0							
	1 , ,	23	More than 20	0	0	4	0	4	0	64	0							
			Total	53	100	1,335	100	1,598	100	16,569	100							
Estimated number of assigned pages of student writing.	wrpages (Continuous variab from wrshort, wrma estimated pages of	ed, and	-									76.9	44.0 **	.62	47.6 *	.53	48.4 *	.48
During the current		0	often have you had dis	cussions with	noon	le from the f	Collow	ing groups?										
a. People of a race or	DDrace	1	Never	2	4	59	4	67	4	747	4							
ethnicity other than		2	Sometimes	25	47	451	33	458	28	4,361	26							
your own		3	Often	14	26	426	31	507	31	5,727	34	2.7	2.9	25	3.0 *	35	3.0 **	37
		4	Very often	12	23	439	32	589	36	6,071	36				•		•	
			Total	53	100	1,375	100	1,621	100	16,906	100							
b. People from an	DDeconomic	1	Never	3	6	51	4	46	3	647	4							
economic background		2	Sometimes	17	32	360	26	392	24	4,037	24							
other than your own		3	Often	24	45	530	39	589	36	6,510	39	2.7	3.0 *	29	3.1 **	39	3.0 *	34
		4	Very often	9	17	433	32	592	37	5,704	34		∇		•		▼	
			Total	53	100	1,374	100	1,619	100	16,898	100							
c. People with religious	DDreligion	1	Never	6	11	67	5	140	9	1,137	7							
beliefs other than your own		2	Sometimes	19	36	356	26	462	28	4,708	28							
		3	Often	18	34	479	35	490	30	5,660	33	2.6	3.0 **	43	2.9 *	27	2.9 *	33
		4	Very often	10	19	474	34	531	33	5,398	32		•		∇		▼	
1 75 1 11 11 11			Total	53	100	1,376	100	1,623	100	16,903	100							
d. People with political views other than your	DDpolitical	1	Never	2	4	52	4	56	3	845	5							
own		2	Sometimes	15	28	309	22	433	27	4,301	25	2.0						
		3	Often	21	40	513	37	568	35	5,979	35	2.9	3.1	16	3.0	10	3.0	07
		4	Very often	15	28	501	36	563	35	5,770	34							
			Total	53	100	1,375	100	1,620	100	16,895	100							



Frequencies and Statistical Comparisons: Education

First-Year Stu	dents ^a in					Freque	ncy D	istributior	ns				St	atistical	Compari	sons ^k		
Education										NSSE 2016	5&			Your fii	rst-year stud	ents comp	ared with	
				UND	Р	lains Public	Plus	Carnegie C	lass	2017		UND	Plains Pu	ublic Plus	Carnegi	e Class	NSSE 201	.6 & 2017
Item wording or description	Variable name ^I	Values'	^a Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
9. During the current so	chool year, abo	ut how o	often have you done th	e following?														
a. Identified key	LSreading	1	Never	1	2	22	2	21	1	194	1							
information from		2	Sometimes	13	25	304	22	337	21	3,312	20							
reading assignments		3	Often	26	49	653	48	771	48	8,168	48	3.0	3.0	10	3.1	14	3.1	17
		4	Very often	13	25	395	29	488	30	5,201	31							
			Total	53	100	1,374	100	1,617	100	16,875	100							
b. Reviewed your notes	LSnotes	1	Never	1	2	100	7	94	6	723	4							
after class		2	Sometimes	22	42	439	32	527	32	4,998	30							
		3	Often	18	34	461	34	579	36	6,124	36	2.8	2.8	03	2.8	05	2.9	16
		4	Very often	12	23	370	27	425	26	5,039	30							
			Total	53	100	1,370	100	1,625	100	16,884	100							
c. Summarized what you	LSsummary	1	Never	3	6	96	7	99	6	914	5							
learned in class or from		2	Sometimes	17	32	448	33	544	34	5,200	31							
course materials		3	Often	26	49	523	38	634	39	6,690	40	2.7	2.7	06	2.8	06	2.8	15
		4	Very often	7	13	295	22	340	21	4,037	24							
			Total	53	100	1,362	100	1,617	100	16,841	100							
10. During the current	school year, to	what ex	tent have your courses	s challenged y	ou to d	o your bes	t work	?										
	challenge	1	Not at all	0	0	2	0	6	0	101	1							
		2		1	2	10	1	10	1	145	1							
		3		1	2	49	4	56	3	600	4							
		4		7	13	157	11	191	12	1,870	11	5.5	5.4	.07	5.5	.01	5.5	.00
		5		17	32	540	39	589	36	5,922	35							
		6		17	32	387	28	426	26	4,578	27							
		7	Very much	10	19	226	16	342	21	3,668	22							
			Total	53	100	1,371	100	1,620	100	16,884	100							
11. Which of the follow	ing have you de	one or d	o you plan to do befor	e you gradua	te?°													
a. Participate in an	intern		Have not decided	2	4	63	5	105	6	998	6							
internship, co-op, field	(Means indicate		Do not plan to do	1	2	29	2	42	3	424	3							
experience, student teaching, or clinical	the percentage		Plan to do	42	79	1,125	82	1,250	77	13,090	77	15%	11%	.11	14%	.03	14%	.02
placement	who responded		Done or in progress	8	15	158	11	227	14	2,408	14							
-	"Done or in progress.")		Total	53	100	1,375	100	1,624	100	16,920	100							



Frequencies and Statistical Comparisons: Education

University of North Dakota

First-Year Stu	dents ^a in					Frequer	ncy D	istributior	IS				St	atistical	Comparis	ons ^k		
Education				UND		Plains Public	Dluc	Carpogia C	200	NSSE 2016 2017	ō &	UND	Diains D	Your fii ublic Plus	rst-year stude Carnegie		ared with NSSE 201	6 9, 2017
Item wording	Variable			UND			Plus	Carriegie C	d55	2017		OND	PIdITIS PI	Effect	Carnegie	Effect	N35E 201	Effect
or description	name ¹	Values'	" Response options	Count	%		%	Count	%	Count	%	Mean	Mean	size "	Mean	size ⁿ	Mean	size ⁿ
b. Hold a formal	leader		Have not decided	18	34		30	431	27	4,744	28							
leadership role in a student organization or	(Means indicate		Do not plan to do	15	28		20	375	23	3,662	22							
group	the percentage		Plan to do	14	26	526	38	643	40	6,586	39	11%	12%	01	11%	.03	11%	.00
0.1	who responded "Done or in		Done or in progress	6	11	161	12	170	11	1,902	11							
	progress.")		Total	53	100	1,371	100	1,619	100	16,894	100							
c. Participate in a learning			Have not decided	14	26	428	31	462	29	5,663	34							
community or some	(Means indicate		Do not plan to do	18	34	377	28	438	27	3,937	23							
other formal program	the percentage		Plan to do	17	32	. 339	25	420	26	4,896	29	8%	16%	28	18% *	33	14%	21
where groups of students take two or	who responded		Done or in progress	4	8	224	16	298	18	2,372	14				•			
more classes together	"Done or in progress.")		Total	53	100	1,368	100	1,618	100	16,868	100				•			
d. Participate in a study	abroad		Have not decided	22	42	452	33	483	30	5,045	30							
abroad program	(Means indicate		Do not plan to do	12	23	434	32	484	30	5,279	31							
	the percentage		Plan to do	19	36	458	33	616	38	6,174	37	0%	2%	29	2%	30	2%	30
	who responded		Done or in progress	0	0	29	2	36	2	377	2							
	"Done or in		Total	53	100	1,373	100	1,619	100	16,875	100							
e. Work with a faculty	progress.") research		Have not decided	22	42	590	43	679	42	6,996	41							
member on a research	(Means indicate		Do not plan to do	19	36		34	558	34	5,335	32							
project	(Means indicate the percentage		Plan to do	11	21		19	325	20	3,860	23	2%	4%	12	4%	12	4%	13
	who responded		Done or in progress	1	21		4	62	4	678	4	2/0	470	12	470	12	470	15
	"Done or in		Total	53	100		100	1,624	100	16,869	100							
	progress.")					,												
f. Complete a culminating senior experience	•		Have not decided	11	21		37	563	35	5,722	34							
(capstone course,	(Means indicate		Do not plan to do	4	8		11	203	13	1,826	11	0.07						
senior project or thesis,	the percentage who responded		Plan to do	38	72		50	825	51	8,987	53	0%	2%	28	2%	27	2%	28
comprehensive exam,	"Done or in		Done or in progress	0	0		2	29	2	330	2							
portfolio, etc.)	progress.")		Total	53	100	1,372	100	1,620	100	16,865	100							
12. About how many of	your courses at	this in	stitution have included	a communit	y-bas	sed project (s	ervice	-learning)?										
	servcourse	1	None	14	26	483	35	633	39	6,213	37							
		2	Some	31	58	769	56	836	51	8,766	52							
		3	Most	7	13	103	7	138	8	1,610	10	1.9	1.8	.24	1.7 *	.28	1.8	.21
		4	All	1	2	. 19	1	18	1	276	2				Δ			
			Total	53	100	1,374	100	1,625	100	16,865	100							



Frequencies and Statistical Comparisons: Education

First-Year Stu	ıdents ^a in					Freque	ncy D	istributior	IS				St	atistical	Compari	sons ^k		
Education										NSSE 2016	6&			Your fi	rst-year stua	ents comp	ared with	
				UND		Plains Public	Plus	Carnegie C	lass	2017		UND	Plains P	ublic Plus	Carnegi	e Class	NSSE 201	6 & 2017
Item wording or description	Variable name ^I	Values	^m Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
13. Indicate the quality									,-									
a. Students	QIstudent		Poor	0	0	8	1	15	1	191	1							
		2		1	2	19	1	29	2	270	2							
		3		0	0	39	3	65	4	776	5							
		4		5	9	141	10	182	11	1,902	11							
		5		21	40	352	26	406	25	4,174	25	5.5	5.6	08	5.6	02	5.5	01
		6		14	26	433	31	471	29	4,623	27							
		7	Excellent	11	21	373	27	450	28	4,778	28							
			Not applicable	1	2	12	1	6	0	198	1							
			Total	53	100	1,377	100	1,624	100	16,912	100							
b. Academic advisors	QIadvisor	1	Poor	3	6	40	3	50	3	471	3							
		2		1	2	50	4	75	5	681	4							
		3		5	10	91	7	137	8	1,166	7							
		4		9	17	184	13	183	11	2,168	13							
		5		9	17	276	20	332	20	3,306	20	5.0	5.3	19	5.3	13	5.3	19
		6		14	27	304	22	323	20	3,577	21							
		7	Excellent	11	21	419	30	480	30	5,308	31							
		_	Not applicable	0	0	12	1	43	3	231	1							
			Total	52	100	1,376	100	1,623	100	16,908	100							
c. Faculty	QIfaculty	1	Poor	0	0	15	1	26	2	207	1							
		2		2	4	27	2	46	3	360	2							
		3		2	4	67	5	94	6	871	5							
		4		8	15	188	14	204	13	2,179	13							
		5		21	40	347	25	404	25	4,133	25	5.2	5.4	15	5.3	09	5.4	17
		6		11	21	432	32	492	30	4,824	29							
		7	Excellent	9	17	286	21	341	21	4,143	25							
		_	Not applicable	0	0	8	1	15	1	150	1							
			Total	53	100	1,370	100	1,622	100	16,867	100							



Frequencies and Statistical Comparisons: Education

University of North Dakota

First-Year Stud	dents ^a in					Frequen	cy D	istribution	S				Sta	atistical	Comparis	ons ^k		
Education														Your fi	rst-year stude	ents comp	ared with	
				UND		Plains Public	Dive	Corpogio Cl		NSSE 2016 2017	5&	UND	Plains Pu		Carnegie	Class	NSSE 2016	7 2017
Item wording	Variable			UND			Plus	Carnegie Ci	d55	2017		OND	Plains Pl	Effect	Carriegie	Effect	N35E 2010	Effect
or description	name ¹	Values"	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size ⁿ
d. Student services staff	QIstaff	1	Poor	0	0	26	2	64	4	563	3							-
(career services,		2		1	2	59	4	72	4	688	4							
student activities,		3		5	9	73	5	97	6	1,114	7							
housing, etc.)		4		8	15	187	14	192	12	2,230	13							
		5		13	25	308	22	370	23	3,542	21	5.1	5.2	07	5.1	.02	5.1	01
		6		13	25	327	24	390	24	3,591	21							
		7	Excellent	7	13	290	21	306	19	3,668	22							
		_	Not applicable	6	11	100	7	124	8	1,459	9							
			Total	53	100	1,370	100	1,615	100	16,855	100							
e. Other administrative	QIadmin	1	Poor	1	2	32	2	68	4	610	4							
staff and offices		2		1	2	50	4	74	5	756	4							
(registrar, financial aid,		3		4	8	88	6	117	7	1,251	7							
etc.)		4		11	21	207	15	224	14	2,441	14							
		5		15	28	305	22	368	23	3,672	22	5.0	5.2	12	5.0	.02	5.1	05
		6		10	19	338	25	344	21	3,551	21							
		7	Excellent	8	15	282	21	284	18	3,668	22							
		_	Not applicable	3	6	73	5	142	9	948	6							
			Total	53	100	1,375	100	1,621	100	16,897	100							
14. How much does your	r institution em	nphasize	e the following?															
a. Spending significant	empstudy	1	Very little	0	0	13	1	29	2	236	1							
amounts of time		2	Some	15	28	239	17	264	16	2,924	17							
studying and on		3	Quite a bit	27	51	707	51	813	50	8,494	50	2.9	3.1	26	3.1	26	3.1	25
academic work		4	Very much	11	21	414	30	514	32	5,229	31							
			Total	53	100	1,373	100	1,620	100	16,883	100							
b. Providing support to	SEacademic	1	Very little	0	0	34	2	46	3	466	3							
help students succeed		2	Some	14	26	260	19	344	21	3,180	19							
academically		3	Quite a bit	31	58	605	44	694	43	7,299	43	2.9	3.1 *	27	3.1	21	3.1 *	27
		4	Very much	8	15	467	34	530	33	5,867	35		V				∇	
			Total	53	100	1,366	100	1,614	100	16,812	100							
c. Using learning support	SElearnsup	1	Very little	3	6	81	6	95	6	885	5							
services (tutoring		2	Some	18	34	246	18	306	19	2,897	17							
services, writing		3	Quite a bit	23	43	502	37	600	37	6,372	38	2.7	3.1 **	42	3.1 **	40	3.1 ***	*46
center, etc.)		4	Very much	9	17	540	39	623	38	6,700	40		•		•		•	
			Total	53	100	1,369	100	1,624	100	16,854	100		·					



Frequencies and Statistical Comparisons: Education

First-Year Stud	dents ^a in					Frequen	cy Di	istribution	S				Sta	tistical	Comparis	ons ^k		
Education											. 0			Your fir	rst-year stude	ents comp	ared with	
				UND		Plains Public I	Dluc	Carnegie Cl	266	NSSE 2016 2017	о &	UND	Plains Pu	blic Blue	Carnegie	Class	NSSE 2016	5 8. 2017
Item wording	Variable			UND			FIUS	Carriegie Ci	ass	2017		UND	r Idiliis r u	Effect	Carriegie	Effect	N33L 2010	Effect
or description	name'	Values'	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
d. Encouraging contact	SEdiverse	1	Very little	6	11	107	8	158	10	1,458	9							
among students from different backgrounds		2	Some	20	38	376	27	497	31	4,552	27							
(social, racial/ethnic,		3	Quite a bit	21	40	513	37	570	35	6,250	37	2.5	2.8 **	37	2.7	25	2.8 *	35
religious, etc.)		4	Very much	6	11	376	27	398	25	4,599	27		V				▼	
			Total	53	100	1,372	100	1,623	100	16,859	100							
e. Providing opportunities	SEsocial	1	Very little	0	0	51	4	71	4	748	4							
to be involved socially		2	Some	13	25	258	19	314	19	3,390	20							
		3	Quite a bit	34	64	578	42	658	41	6,871	41	2.9	3.1 **	27	3.1 *	24	3.1 *	22
		4	Very much	6	11	486	35	576	36	5,845	35		∇		∇		∇	
			Total	53	100	1,373	100	1,619	100	16,854	100							
f. Providing support for	SEwellness	1	Very little	1	2	67	5	60	4	894	5							
your overall well-being		2	Some	16	31	248	18	358	22	3,637	22							
(recreation, health care, counseling, etc.)		3	Quite a bit	29	56	593	43	638	39	6,860	41	2.8	3.1 *	34	3.1 *	34	3.0	27
counsening, etc.)		4	Very much	6	12	461	34	561	35	5,460	32		V		▼			
			Total	52	100	1,369	100	1,617	100	16,851	100							
g. Helping you manage	SEnonacad	1	Very little	11	21	249	18	316	19	3,035	18							
your non-academic		2	Some	19	37	463	34	595	37	5,937	35							
responsibilities (work, family, etc.)		3	Quite a bit	19	37	444	32	466	29	5,129	30	2.3	2.5	19	2.4	13	2.5	19
failing, etc.)		4	Very much	3	6	213	16	245	15	2,751	16							
			Total	52	100	1,369	100	1,622	100	16,852	100							
h. Attending campus	SEactivities	1	Very little	0	0	59	4	87	5	1,241	7							
activities and events		2	Some	10	19	307	22	392	24	3,828	23							
(performing arts,		3	Quite a bit	34	64	568	41	650	40	6,576	39	3.0	3.0	03	3.0	.03	2.9	.05
athletic events, etc.)		4	Very much	9	17	436	32	492	30	5,191	31							
			Total	53	100	1,370	100	1,621	100	16,836	100							
i. Attending events that	SEevents	1	Very little	5	9	123	9	193	12	2,058	12							
address important		2	Some	18	34	474	35	546	34	5,464	32							
social, economic, or		3	Quite a bit	23	43	504	37	583	36	5,904	35	2.6	2.7	07	2.6	01	2.6	03
political issues		4	Very much	7	13	268	20	301	19	3,400	20							
			Total	53	100	1,369	100	1,623	100	16,826	100							
								,		.,								



Frequencies and Statistical Comparisons: Education

First-Year Stu	dents ^a in					Frequer	ncy D	istributior	IS				St	atistical	Compari	sons ^k		
Education										NSSE 2016	5&			Your fii	rst-year stud	ents compo	ared with	
				UND		Plains Public	Plus	Carnegie C	lass	2017		UND	Plains Pu	ublic Plus	Carnegi	e Class	NSSE 201	6 & 2017
Item wording	Variable			-										Effect		Effect		Effect
or description	name ^I	Values"	1 1	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size "
15. About how many h	• •			U	0	2	0		0	5 1	0							
 a. Preparing for class (studying, reading, 	tmprephrs	0	0 hrs	0	0	2	0	4	0	51	0							
writing, doing	(Recoded version	3	1-5 hrs	7	13	174	13	182	11	2,154	13							
homework or lab work,	of tmprep created	8	6-10 hrs	10	19	361	26	377	23	4,099	24							
analyzing data,	by NSSE. Values are estimated	13	11-15 hrs	21	40	317	23	391	24	3,881	23	12.0				10		
rehearsing, and other	number of hours	18	16-20 hrs	8	15	274	20	310	19	3,251	19	13.2	13.8	07	14.6	18	14.2	12
academic activities)	per week.)	23	21-25 hrs	2	4	135	10	197	12	1,837	11							
	•	28	26-30 hrs	2	4	61	4	73	5	826	5							
		33	More than 30 hrs	2	4	49	4	86	5	782	5							
			Total	52	100	1,373	100	1,620	100	16,881	100							
b. Participating in co-	tmcocurrhrs	0	0 hrs	13	25	341	25	437	27	4,675	28							
curricular activities (organizations, campus	(Recoded version	3	1-5 hrs	21	40	523	38	596	37	5,644	33							
publications, student	of tmcocurr	8	6-10 hrs	9	17	248	18	275	17	2,937	17							
government, fraternity	created by NSSE.	13	11-15 hrs	6	12	143	10	155	10	1,674	10							
or sorority,	Values are	18	16-20 hrs	1	2	60	4	87	5	1,019	6	5.6	5.8	03	5.8	03	6.2	08
intercollegiate or	estimated number of hours per	23	21-25 hrs	0	0	31	2	38	2	460	3							
intramural sports, etc.)	week.)	28	26-30 hrs	1	2	12	1	11	1	192	1							
		33	More than 30 hrs	1	2	13	1	20	1	247	1							
			Total	52	100	1,371	100	1,619	100	16,848	100							
c. Working for pay	tmworkonhrs	0	0 hrs	36	68	1,062	77	1,275	79	12,878	76							
on campus	(Recoded version	3	1-5 hrs	1	2	60	4	44	3	881	5							
	of tmworkon	8	6-10 hrs	6	11	116	8	110	7	1,420	8							
	created by NSSE.	13	11-15 hrs	2	4	71	5	96	6	884	5							
	Values are	18	16-20 hrs	7	13	42	3	73	5	532	3	4.5	2.4	.37	2.6	.32	2.5	.36
	estimated number	23	21-25 hrs	0	0	15	1	13	1	153	1							
	of hours per week.)	28	26-30 hrs	0	0	3	0	5	0	52	0							
	weeк.)	33	More than 30 hrs	1	2	3	0	5	0	61	0							
			Total	53	100	1,372	100	1,621	100	16,861	100							



Frequencies and Statistical Comparisons: Education

First-Year Stu	idents ^a in					Frequer	ncy D	istribution	s				St	atistical	Comparis	ons ^k		
Education														Your fir	rst-year stude	nts compo	ared with	
						Plains Public	Dluc	Cornogio Cl		NSSE 2016 2017	о &	UND	Plains Pu		Cornogio	Class		C 9 2017
Item wording	Variable			UND		Plains Public	Plus	Carnegie Cl	ass	2017		OND	Plains PL	Effect	Carnegie	Effect	NSSE 201	Effect
or description	name ¹	Values'	^m Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size ⁿ
d. Working for pay	tmworkoffhrs	0	0 hrs	23	45	826	60	1,164	72	10,675	63							
off campus	(Recoded version	3	1-5 hrs	4	8	82	6	71	4	1,023	6							
	of tmworkoff	8	6-10 hrs	10	20	93	7	94	6	1,073	6							
	created by NSSE.	13	11-15 hrs	8	16	108	8	84	5	1,048	6							
	Values are	18	16-20 hrs	4	8	112	8	91	6	1,055	6	6.5	6.1	.04	4.2	.27	6.0	.05
	estimated number	23	21-25 hrs	0	0	65	5	52	3	711	4							
	of hours per week.)	28	26-30 hrs	1	2	44	3	31	2	427	3							
	week.)	33	More than 30 hrs	1	2	37	3	33	2	848	5							
			Total	51	100	1,367	100	1,620	100	16,860	100							
Estimated number of	tmworkhrs																	
hours working for pay	(Continuous											10.6	0.5	20	C 0 444	20	0.4	20
	variable created											10.6	8.5	.20	6.8 **	.38	8.4	.20
	by NSSE)														A			
e. Doing community	tmservicehrs	0	0 hrs	23	43	681	50	781	48	8,147	48							
service or volunteer		3	1-5 hrs	23 22	43 42	537	30 39	622	48 39	6,330	40 38							
work	(Recoded version	8	6-10 hrs	4	42	90	39 7	622 117	39 7	1,298	30 8							
	of tmservice created by NSSE.	13	11-15 hrs	4	2	90 32	2		3	560	3							
	Values are	13	16-20 hrs	2	4	32 15	1	46 29	2	265	2	3.2	2.4	.21	2.8	.10	2.8	.08
	estimated number	23	21-25 hrs	2	2	8	1	29 11	1	101		3.4	2.4	.21	2.0	.10	2.0	.08
	of hours per	23 28	21-23 hrs 26-30 hrs	1	2	8 2	0	2	0	46	1 0							
	week.)	28 33	More than 30 hrs	0	0	2	0	2	0	40 85	1							
		33	Total	53	100	1,366	100	1,615	100	16,832	100							
f. Relaxing and	tmrelaxhrs	0		1	2	9	100	1,015	100	295	2							
socializing (time with		3	1-5 hrs	11	21	309	23	325	20	3,841	23							
friends, video games,	(Recoded version	-	6-10 hrs	11	21	309	23 28	323 469	20 29	3,841 4,673	23 28							
TV or videos, keeping	of tmrelax created by NSSE. Values	8 13	11-15 hrs	12	23 21	388 290	28 21	469 369	29	4,673	28 21							
up with friends online,	are estimated	15	16-20 hrs	11	21	290 183	13	211	25 13	3,323 2,197	13	12.5	11.8	.08	12.2	.04	11.8	.08
etc.)	number of hours			15	25 2	185	8					12.3	11.8	.08	12.2	.04	11.8	.08
	per week.)	23	21-25 hrs	1				102	6	982 458	6							
		28	26-30 hrs	0	0		2	49	3	458	3							
		33	More than 30 hrs Total	4 53	8 100	55	4 100	83	5 100	894	5 100							
			1 0tai	53	100	1,372	100	1,623	100	16,863	100							



Frequencies and Statistical Comparisons: Education

First-Year Stu	dents ^a in					Frequen	cy D	istribution	S				Sta	atistical (Comparis	sons ^k		
Education														Your fir	st-year stud	ents compo	ared with	
										NSSE 2016	5&				· ·			c 0 0017
	Variable			UND		Plains Public	Plus	Carnegie Cl	ass	2017		UND	Plains Pu		Carnegi		NSSE 201	
Item wording or description	name ¹	Values [*]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
g. Providing care for	tmcarehrs	0	0 hrs	40	75	1,090	80	1,319	82	12,466	74							
dependents (children,	(Recoded version	3	1-5 hrs	6	11	154	11	143	9	1,970	12							
parents, etc.)	of tmcare created	8	6-10 hrs	1	2	47	3	54	3	760	5							
	by NSSE. Values	13	11-15 hrs	1	2	21	2	39	2	456	3							
	are estimated	18	16-20 hrs	3	6	10	1	24	1	282	2	3.0	1.9	.18	1.8	.22	3.0	.00
	number of hours	23	21-25 hrs	0	0	10	1	6	0	155	1							
	per week.)	28	26-30 hrs	0	0	5	0	8	0	100	1							
		33	More than 30 hrs	2	4	29	2	22	1	639	4							
			Total	53	100	1,366	100	1,615	100	16,828	100							
h. Commuting to campus	tmcommutehrs	0	0 hrs	14	26	601	44	666	41	8,159	48							
(driving, walking, etc.)	(Recoded version	3	1-5 hrs	28	53	599	44	654	40	5,622	33							
	of tmcommute	8	6-10 hrs	6	11	114	8	157	10	1,710	10							
	created by NSSE.	13	11-15 hrs	2	4	19	1	66	4	648	4							
	Values are	18	16-20 hrs	2	4	19	1	34	2	318	2	4.2	2.8 *	.31	3.7	.09	3.4	.14
	estimated number of hours per	23	21-25 hrs	0	0	8	1	14	1	139	1		2.0	.01	5.7	.07	5.4	.14
	oj nours per week.)	28	26-30 hrs	1	2	4	0	9	1	75	0							
		33	More than 30 hrs	0	0	8	1	20	1	211	1							
		55	Total	53	100	1,372	100	1,620	100	16,882	100							
16. Of the time you spe	nd proparing for	, aloca i				,		· ·	100	10,002	100							
10. Of the time you spe		class I		,		0		0	0	1 450	0							
	reading	1	Very little	3	6	139	10	138	9	1,458	9							
		2	Some	16	30	423	31	473	29	4,936	29	• •						
		3	About half	19	36	413	30	487	30	5,358	32	2.9	2.9	.05	2.9	04	2.9	01
		4	Most	13	25	290	21	384	24	3,806	23							
		5	Almost all	2	4	104	8	140	9	1,327	8							
			Total	53	100	1,369	100	1,622	100	16,885	100							
	tmreadinghrs																	
of tmprephrs bas	able created by NSSI red on reading, when t half=.50; Most=.75	e Very li										7.0	6.7	.05	7.3	06	7.1	03



Frequencies and Statistical Comparisons: Education

University of North Dakota

First-Year St	udents ^a in					Frequer	ncy D	istribution	S				St	atistical	Compari	sons ^k		
Education				UND		Plains Public	Plus	Carnegie Cl	ass	NSSE 2016 2017	5&	UND	Plains Pu	,	rst-year stud Carnegi	,	ared with NSSE 201	6 & 2017
Item wording	Variable		".		~									Effect		Effect		Effect
or description	name ¹ tmreadinghrscol	Values	ⁿ Response options 0 hrs	Count 0	%	Count 2	%	Count 3	% 0	Count 49	<u>%</u> 0	Mean	Mean	size "	Mean	size "	Mean	size "
	(Collapsed version of tmreadinghrs	2	More than zero, up to 5 hrs	24	46	678	50	732	45	7,900	47							
	created by NSSE.)	3	More than 5, up to 10 hrs	16	31	401	29	491	30	5,089	30							
		4	More than 10, up to 15 hrs	8	15	164	12	188	12	1,907	11							
		5	More than 15, up to 20 hrs	1	2	66	5	122	8	1,026	6							
		6	More than 20, up to 25 hrs	3	6	42	3	62	4	630	4							
		7	More than 25 hrs	0	0	13	1	18	1	222	1							
			Total	52	100	1,366	100	1,616	100	16,823	100							
	our experience at th	nis inst	itution contributed to	your knowled	lge, sk	_		_		-		•						
a. Writing clearly and	pgwrite	1	Very little	4	8	100	7	113	7	867	5							
effectively		2	Some	12	23	383	28	435	27	4,341	26							
		3	Quite a bit	30	57	624	45	708	44	7,562	45	2.8	2.8	02	2.8	07	2.9	15
		4	Very much	7	13	266	19	365	23	4,109	24							
			Total	53	100	1,373	100	1,621	100	16,879	100							
 b. Speaking clearly and effectively 	pgspeak	1	Very little	5	9	104	8	160	10	1,291	8							
encentery		2	Some	16	30	429	31	500	31	4,962	29	2.7					• •	
		3	Quite a bit	24	45	567 274	41 20	630	39 20	6,901	41	2.1	2.7	09	2.7	04	2.8	13
		4	Very much Total	8 53	15 100	1,374	20 100	331 1,621	20 100	3,717 16,871	22 100							
c. Thinking critically an	d pgthink	1	Very little	1	2	30	2	49	3	433	3							
analytically	ia pguillik	2	Some	1	23	272	20	326	20	3,259	19							
		3	Quite a bit	29	55	699	51	733	45	7,781	46	2.9	3.0	12	3.1	14	3.1	17
		4	Very much	11	21	373	27	513	32	5,404	32	4.)	3.0	12	3.1	14	5.1	17
			Total	53	100	1,374	100	1,621	100	16,877	100							
d. Analyzing numerical	pganalyze	1	Very little	8	15	228	17	292	18	2,856	17							
and statistical	101 17	2	Some	22	42	515	37	626	39	6,103	36							
information		3	Quite a bit	20	38	447	33	487	30	5,382	32	2.3	2.4	10	2.4	05	2.4	12
		4	Very much	3	6	184	13	216	13	2,533	15							
			Total	53	100	1,374	100	1,621	100	16,874	100							



Frequencies and Statistical Comparisons: Education

First-Year Stud	dents ^a in					Frequer	ncy D	istribution	IS				St	atistical	Compari	sons ^k		
Education														Your fii	rst-year stud	ents comp	ared with	
				UND		Plains Public	Dluc	Corpogio C	200	NSSE 2016 2017	5 &	UND	Diaine Di	ublic Plus	Corneri	o Class	NSSE 2016	9 2017
Item wording	Variable			UND			Plus	Carriegie Ci	d55	2017		OND	Pidifis Pi	Effect	Carnegi	E Class Effect	NSSE 2010	Effect
or description	name'	Values'	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size ⁿ
e. Acquiring job- or work-	pgwork	1	Very little	5	9	103	8	187	12	1,728	10							
related knowledge and skills		2	Some	15	28	457	33	517	32	5,028	30							
SKIIIS		3	Quite a bit	26	49	528	38	591	36	6,392	38	2.7	2.7	07	2.7	.01	2.7	06
		4	Very much	7	13	285	21	327	20	3,751	22							
			Total	53	100	1,373	100	1,622	100	16,899	100							
f. Working effectively	pgothers	1	Very little	5	9	41	3	91	6	796	5							
with others		2	Some	10	19	340	25	409	25	4,011	24							
		3	Quite a bit	27	51	631	46	699	43	7,419	44	2.8	3.0	15	2.9	08	2.9	14
		4	Very much	11	21	357	26	424	26	4,660	28							
			Total	53	100	1,369	100	1,623	100	16,886	100							
g. Developing or	pgvalues	1	Very little	7	13	115	8	148	9	1,355	8							
clarifying a personal		2	Some	14	26	411	30	453	28	4,606	27							
code of values and ethics		3	Quite a bit	25	47	559	41	631	39	6,756	40	2.6	2.7	16	2.8	19	2.8	23
ethes		4	Very much	7	13	290	21	389	24	4,175	25							
			Total	53	100	1,375	100	1,621	100	16,892	100							
h. Understanding people	pgdiverse	1	Very little	2	4	84	6	130	8	1,179	7							
of other backgrounds		2	Some	23	43	378	28	433	27	4,377	26							
(economic, racial/ethnic, political,		3	Quite a bit	21	40	576	42	638	39	6,719	40	2.6	2.8	26	2.8	23	2.9 *	28
religious, nationality,		4	Very much	7	13	335	24	420	26	4,613	27						∇	
etc.)			Total	53	100	1,373	100	1,621	100	16,888	100							
i. Solving complex real-	pgprobsolve	1	Very little	3	6	130	9	162	10	1,673	10							
world problems		2	Some	22	42	493	36	574	35	5,624	33							
		3	Quite a bit	23	43	527	38	583	36	6,252	37	2.6	2.6	06	2.6	08	2.7	11
		4	Very much	5	9	223	16	303	19	3,328	20							
			Total	53	100	1,373	100	1,622	100	16,877	100							
j. Being an informed and	pgcitizen	1	Very little	4	8	124	9	134	8	1,532	9							
active citizen		2	Some	22	42	466	34	522	32	5,119	30							
		3	Quite a bit	21	40	509	37	580	36	6,390	38	2.5	2.7	14	2.8	22	2.7	21
		4	Very much	6	11	269	20	385	24	3,791	23							
			Total	53	100	1,368	100	1,621	100	16,832	100							



Frequencies and Statistical Comparisons: Education

First-Year Stu	rst-Year Students ^a in Jucation					Freque	ncy D	istributior	IS				Sta	atistical	Comparis	ons ^k		
Education														Your fi	rst-year stude	ents compo	ared with	
Euucation										NSSE 2016	5&							
				UND		Plains Public	: Plus	Carnegie C	lass	2017		UND	Plains Pu	blic Plus	Carnegie	e Class	NSSE 2016	& 2017
Item wording or description	Variable name ¹	Values	^m Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
18. How would you eva	aluate your enti	re educa	ational experience at th	is institution	?													
	evalexp	1	Poor	1	2	24	2	23	1	238	1							
		2	Fair	7	13	108	8	139	9	1,604	9							
		3	Good	33	62	654	48	783	48	7,748	46	3.1	3.3 **	37	3.3 *	36	3.3 **	36
		4	Excellent	12	23	587	43	673	42	7,308	43		•		▼		▼	
			Total	53	100	1,373	100	1,618	100	16,898	100							
19. If you could start o	ver again, wou	ld you g	o to the same institution	<i>i</i> you are no	w atte	ending?												
	sameinst	1	Definitely no	2	4	30	2	52	3	484	3							
		2	Probably no	8	15	98	7	150	9	1,605	9							
		3	Probably yes	20	38	508	37	601	37	6,366	38	3.2	3.4 *	30	3.3	18	3.3	18
		4	Definitely yes	23	43	740	54	821	51	8,470	50		∇					
			Total	53	100	1,376	100	1,624	100	16,925	100							



Frequencies and Statistical Comparisons: Education

Education UND Plains Public PLis Carrele CLis 2017 UND Plains Public PLis SSEE 2016 & 2017 UND Plains Public PLis SSEE 2016 & 2017 Mean Mean 1. burget the current school year, about now other have you done the following? 0 Count 8 Count 8 <th>Statistical</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Statistical</th> <th>l Comparisons^k</th> <th></th>	Statistical						Statistical	l Comparisons ^k	
ten wording ar decorption Variable annel Variable bise Variable annel Variable bise Count s Count<		-						Your seniors compared	with
or description nome' Volues''' Response options Count % Count	Public Plus	UND	UND	UND	UND	Plaiı	Plains Public Plus	Carnegie Class	NSSE 2016 & 2017
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Effect							Effect	
a. Asked questions or contributed to come discussions in other ways a skquest 1 Never 0 0 10 1 23 1 245 1 b. Prepared two or more drafts of a paper or assignment befor uning it in 4 Very often 35 65 971 50 10.0943 52 3.3 3.5 3.3 c. Come to class without completing readings or assignment befor 1 Never 7 13 367 19 4.41 20 4.014 10 c. Come to class without completing readings or assignment befor 3 Often 20 37 482 25 545 25 5.33 25 2.6.6 2.4 contro to class without completing readings or assignments unpreparedr 1 Very often 11 20 316 16 307 7.5 6 1.02 1.0 2.04 1.0 2.044 1.0 2.045 1.0 2.044 1.0 2.045 1.0 2.046 1.0 2.046 1.0 2.044 1.0 2.044 1.0 2.044 1.0 2.046 2.6 2.6 2.6	n size ⁿ	Mean	Mean	Mean	Mean	Me	Mean size"	Mean size ⁿ	Mean size ⁿ
contributed to convect discussions in other ways2Sometimes6129815392183,331633.53,33Often132465034674316,49431									
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$									
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		2.5	2 5	2.5	25				
b Total 54 100 1,929 100 2,168 100 21,016 100 b Prepared two or more drafts of a paper or assignments before uurning it in 1 Never 7 13 367 19 441 20 4,014 19 assignments before uurning it in 3 Often 20 37 482 25 545 25 5,343 25 2,60 2,6 2,6 2,4 c Come to class without completing readings or assignments unpreparedr 1 Very often 2 4 88 5 125 6 1,023 5 2,6 3,0 3,0 5 1,207 15 2,429 12 3,0 3,1 3,0 3,1 3,0 3,1 3,0 3,1 3,0 3,1 3,0 3,1 3,0 3,1 3,0 3,1 3,0 3,1 3,0 3,1 3,0 3,1 3,0 3,1 3,0 3,1 3,0 3,1 3,0 <td>.26</td> <th>3.5</th> <td>3.5</td> <td>3.5</td> <td>3.5</td> <td>3.</td> <td>3.3 .26</td> <td>3.3 * .30</td> <td>3.3 .25</td>	.26	3.5	3.5	3.5	3.5	3.	3.3 .26	3.3 * .30	3.3 .25
b. Prepared two or more drafts 1 Never 7 13 367 19 441 20 4,014 19 drafts of a paper or assignment before turning it in 2 Sometimes 16 30 761 40 806 37 7,527 36 3 Often 20 37 482 25 5,45 25 5,343 25 2,6 2,4 4 Very often 11 20 316 16 372 17 4,090 20 20 10 20,974 100 20,974 100 20,974 100 20,974 100 20,974 100 20,974 100 20,974 100 20,974 100 20,974 100 20,974 100 20,974 100 20,974 100 20,974 100 20,974 100 20,974 100 20,984 100 10,925 100 21,98 11,474 55 3,00 3,1 3,0 3,1 asignments attendart 1 Never 16 30 731									
drafts of a paper or assignment before urning it in 2 Sometimess 16 30 761 40 806 37 7.527 36 3 Often 20 37 482 25 545 25 5.343 25 2.6 2.6 2.4 4 Very often 11 20 316 16 372 17 4.090 20 c. Come to class without completing readings or assignments umpreparedt (Reverse-coded) 1 Very often 2 4 88 5 1.25 6 1.023 5 econde to class without uprepared created by NSSE. 1 Very often 2 4 865 1.059 55 1.207 56 1.1474 55 4 Never 14 26 555 29 506 23 6.058 29 3.0 3.1 play, or other arts performance (dance, music, etc.) 4 Never 16 30 731 38 755 37 8.248 39 4 Very often 11 20 222 12 2.477<									
assignment before turning it in 2 50mkmiks 10 20 37 482 25 545 25 5,343 25 2.6 2.4 assignment before turning it in 4 Very often 11 20 337 482 25 545 25 5,343 25 2.6 2.4 c. Come to class without completing readings or assignments upreparedr 1 Very often 2 4 88 5 125 6 1,023 5 (Reverse-coded version of created by NSSE) 2 Often 8 15 223 12 320 15 2,429 12 3.0 3.1 3.0 3.1 d. Attended an art exhibit, play, or other arts performance (dance, music, etc.) 4 Never 16 30 731 38 795 37 8.248 39 4 Very often 11 20 222 12 247 11 2,387 11 9lay, or other arts performance (dance, music, etc.) 3 Often 3 6 24 44 732 38 863 <t< td=""><td></td><th></th><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
turning it in completing readings of completing readings of assignments 4 Very often 11 20 316 16 372 17 4,090 20 c. Come to class without completing readings of assignments unpreparedr 1 Very often 2 4 88 5 125 6 1,023 5 existing readings of assignments (Reverse-coded version of created by NSSE) 2 Often 8 15 223 12 320 15 2,429 12 4 Never 14 26 555 29 506 23 6,058 29 7 Total 1 Never 16 30 731 38 795 37 8,248 39 play, or other arts performance (dance, music, etc.) attendart 1 Never 16 30 131 28 863 40 7,684 37 etc. Asked another student to bely pou understand course material Claskhelp 1 Never 3 6 139	.27	26	26	26	26	2	2.4 27	2.4 .26	2.5 10
Total 54 100 1.926 100 2.164 100 20.974 100 c. Come to class without completing readings or assignments unprepared (Reverse-coded version of assignments) 1 Very often 2 4 88 5 125 6 1,023 5 assignments (Reverse-coded version of unprepared created by NSSE.) 2 Often 8 15 223 12 320 15 2,429 12 4 Never 14 26 555 29 506 23 6,058 29 7 total 54 100 1,925 100 2,158 100 20,984 100 4. Attended an art exhibit, performance (dance, music, etc.) attendart 1 Never 16 30 731 38 795 37 8,248 39 e. Asted another student to help you understand course material Claskhelp 1 Never 3 6 139 7 100 21,006 100 4	.27	2.0	2.0	2.0	2.0	2.	2.4 .27	2.4 .20	2.5 .19
c. Come to class without completing readings or assignments unpreparedr 1 Very often 2 4 88 5 125 6 1,023 5 assignments (Reverse-coded version of assignments) 3 Sometimes 30 56 1,059 55 1,207 56 11,474 55 3,0 3,1 unprepared created by NSE.) 4 Never 14 26 555 29 506 23 6,058 29 3,0 3,1 play, or other arts performance (dance, music, etc.) 3 Often 3 6 24 44 732 38 863 40 7,684 37 4 Very often 3 6 24 44 732 38 863 40 7,684 37 performance (dance, music, etc.) 3 Often 3 6 240 12 262 12 2,687 13 2.2 2.0 2.4 44 732 38 863 40 7,684 37 2.16 100 2.087 13 2.16									
completing readings or assignments (Reverse-coded version of unprepared created by NSSE.) 2 0 ften 8 15 223 12 320 15 2,429 12 d. Meverse-coded created by NSSE.) 3 Sometimes 30 56 1,059 55 1,207 56 11,474 55 3.0 3.1 d. Attended an art exhibit, play, or other arts performance (dance, music, etc.) attendart 1 Never 16 30 731 38 795 37 8,248 39 e. Asked another student to help you understand course material CLaskhelp 1 Never 11 20 222 12 247 11 2,387 11 f. Explained course CLaskhelp 1 Never 3 6 139 7 150 7 2,057 10 e. Asked another student to help you understand course material Often 26 48 672 35 758 35 6,857 33 2.8 2.8 2.6 f. Explained course CLexplain 1									
assignments 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 1 0 0 0 1 0 <td< td=""><td></td><th></th><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
unprepared created by NSSE.) 4 Never Total 14 26 555 29 506 23 6,058 29 d. Atended an art exhibit, play, or other arts performance (dance, music, etc.) attendart 1 Never 16 30 731 38 795 37 8,248 39 4. Atended an art exhibit, play, or other arts performance (dance, music, etc.) 3 Often 3 6 24 44 732 38 863 40 7,684 37 4 Very often 11 20 222 12 267 11 2,387 11 5. 0ften 3 6 200 2,167 100 21,006 100 e. Asked another student to help you understand course material CLaskhelp 1 Never 3 6 139 7 150 7 2,057 10 4 Very often 9 17 327 17 424 20 3,485 17	06	3.0	3.0	3.0	3.0	2	2.1 06	3.0 .09	3.105
Image: created by NSSE.) Total 54 100 1,925 100 2,158 100 20,984 100 d. Attended an art exhibit, play, or other arts performance (dance, music, etc.) attendart 1 Never 16 30 731 38 795 37 8,248 39 4. Attended an art exhibit, performance (dance, music, etc.) 3 Often 3 6 240 12 262 12 2,687 13 4. Very often 11 20 222 12 247 11 2,387 11 54 100 1,925 100 2,167 100 21,066 100 e. Asked another student to help you understand course material CLaskhelp 1 Never 3 6 139 7 150 7 2,057 10 2 Sometimes 16 30 792 41 838 39 8,629 41 3 Often 26 48	00	5.0	5.0	5.0	5.0	5.	5.100	5.0 .09	5.105
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.) attendart 1 Never 16 30 731 38 795 37 8,248 39 2 Sometimes 24 44 732 38 863 40 7,684 37 30 21 2,687 13 4 Very often 11 20 222 12 247 11 2,387 11 4 <td></td> <th></th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
play, or other arts performance (dance, music, etc.) 2 Sometimes 24 44 732 38 863 40 7,684 37 3 Often 3 6 240 12 262 12 2,687 13 2.0 4 Very often 11 20 222 12 247 11 2,387 11 2.0									
performance (dance, music, etc.) 3 Often 3 6 240 12 262 12 2,687 13 2.2 2.0 4 Very often 11 20 222 12 247 11 2,387 11 2.2 2.0 e. Asked another student to help you understand course material CLaskhelp 1 Never 3 6 139 7 150 7 2,057 10 4 Very often 16 30 792 41 838 39 8,629 41 2 Sometimes 16 30 792 41 838 39 8,629 41 3 Often 26 48 672 35 758 35 6,857 33 4 Very often 9 17 327 17 424 20 3,485 17 f. Explained course CLexplain 1 Never 0 0 52 3 48 2 841 4									
music, etc.) 4 Very often 11 20 222 12 247 11 2,387 11	.19	2.2	2.2	2.2	2.2	2	2.0 19	2.0 .19	2.0 .21
Total 54 100 1,925 100 2,167 100 21,006 100 e. Asked another student to help you understand course material CLaskhelp 1 Never 3 6 139 7 150 7 2,057 100 2 Sometimes 16 30 792 41 838 39 8,629 41 3 Often 26 48 672 35 758 35 6,857 33 2.8 2.6 4 Very often 9 17 327 17 424 20 3,485 17 Total 54 100 1,930 100 2,170 100 21,028 100 f. Explained course CLexplain 1 Never 0 0 52 3 48 2 841 4	.19		است و است	است و ست		2.	2.0 .19	2.0 .19	2.0 .21
e. Asked another student to help you understand course material CLaskhelp 1 Never 3 6 139 7 150 7 2,057 10 2 Sometimes 16 30 792 41 838 39 8,629 41 3 Often 26 48 672 35 758 35 6,857 33 4 Very often 9 17 327 17 424 20 3,485 17 Total 54 100 1,930 100 2,170 100 21,028 100 f. Explained course CLexplain 1 Never 0 0 52 3 48 2 841 4									
to help you understand course material 2 Sometimes 16 30 792 41 838 39 8,629 41 3 Often 26 48 672 35 758 35 6,857 33 2.8 2.6 4 Very often 9 17 327 17 424 20 3,485 17 Total 54 100 1,930 100 2,170 100 21,028 100 f. Explained course CLexplain 1 Never 0 0 52 3 48 2 841 4									
3 Often 26 48 672 35 758 35 6,857 33 2.8 2.6 4 Very often 9 17 327 17 424 20 3,485 17 Total 54 100 1,930 100 2,170 100 21,028 100 f. Explained course CLexplain 1 Never 0 0 52 3 48 2 841 4									
4 Very often 9 17 327 17 424 20 3,485 17 Total 54 100 1,930 100 2,170 100 21,028 100 f. Explained course CLexplain 1 Never 0 0 52 3 48 2 841 4	.17	2.8	2.8	2.8	2.8	2.	2.6 .17	2.7 .10	2.6 .23
Total 54 100 1,930 100 2,170 100 21,028 100 f. Explained course CLexplain 1 Never 0 0 52 3 48 2 841 4									
students 3 Often 27 51 851 44 925 43 8,611 41 3.0 2.9	.08	3.0	3.0	3.0	3.0	2.	2.9 .08	3.0 .06	2.9 .16
4 Very often 13 25 498 26 589 27 5,187 25						2.			
Total 53 100 1,921 100 2,159 100 21,021 100									



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequen	ncy D	istribution	S				Sta	atistical	Comparis	ons ^k		
Education										NSSE 2016	5&			Y	our seniors co	ompared v	vith	
				UND		Plains Public	Plus	Carnegie Cl	ass	2017		UND	Plains Pu	blic Plus	Carnegie	Class	NSSE 2016	5 & 2017
Item wording	Variable		~											Effect		Effect		Effect
g. Prepared for exams by	name ¹ CLstudy	Values'	^m Response options Never	Count 5	%	Count 274	% 14	Count 265	% 12	Count 3,216	<u>%</u> 15	Mean	Mean	size "	Mean	size "	Mean	size ⁿ
discussing or working	Clistudy	2	Sometimes	21	39	651	34	739	34	6,928	33							
through course material		3	Often	19	35	634	33	685	32	6,679	32	2.6	2.6	.02	2.6	04	2.6	.03
with other students		4	Very often	9	17	370	19	477	22	4,211	20	2.0	2.0	.02	2.0	04	2.0	.05
		4	Total	54	100	1,929	100	2,166	100	21,034	100							
h. Worked with other	CLproject	1	Never	2	4	76	4	2,100	4	1,129	5							
students on course	CEproject	2	Sometimes	13	24	531	28	517	24	5,690	27							
projects or assignments		3	Often	20	37	796	41	841	39	8,074	38	3.0	2.9	.14	3.0	.02	2.9	.14
		4	Very often	19	35	526	27	722	33	6,134	29	5.0	2.9	.14	5.0	.02	2.9	.14
			Total	54	100	1.929	100	2,157	100	21,027	100							
i. Given a course	present	1	Never	2	4	103	5	111	5	1,651	8		-					
presentation	F	2	Sometimes	9	17	513	27	524	24	5,040	24							
		3	Often	18	33	752	39	818	38	7,617	36	3.2	2.9 *	.35	3.0 *	.27	2.9 *	.32
		4	Very often	25	46	562	29	708	33	6,711	32	0.12		100	Δ			102
			Total	54	100	1,930	100	2,161	100	21,019	100				_			
2. During the current sci	hool year abo	ut how	often have you done th	e following?														
a. Combined ideas from	Rlintegrate	1	Never	0 0	0	24	1	44	2	525	2							
different courses when		2	Sometimes	7	13	456	24	466	22	4,967	24							
completing assignments		3	Often	22	41	829	43	920	43	8,765	42	3.3	3.1 *	.35	3.1 *	.32	3.0 **	.37
		4	Very often	25	46	620	32	733	34	6,758	32	010		100				107
			Total	54	100	1,929	100	2,163	100	21,015	100				_		_	
b. Connected your	RIsocietal	1	Never	3	6	72	4	80	4	829	4							
learning to societal		2	Sometimes	10	19	573	30	570	26	5,846	28							
problems or issues		3	Often	20	37	796	41	866	40	8,330	40	3.1	2.9	.26	3.0	.16	2.9	.19
		4	Very often	21	39	486	25	642	30	5,984	29							
			Total	54	100	1,927	100	2,158	100	20,989	100							
c. Included diverse	RIdiverse	1	Never	4	7	83	4	95	4	1,070	5							
perspectives (political,		2	Sometimes	17	31	642	33	658	30	6,530	31							
religious, racial/ethnic,		3	Often	17	31	702	36	799	37	7,636	36	2.8	2.8	01	2.9	07	2.9	03
gender, etc.) in course discussions or		4	Very often	16	30	501	26	610	28	5,769	27							
assignments			Total	54	100	1,928	100	2,162	100	21,005	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequen	icy D	istribution	S				St	atistical	Comparis	sons ^k		
Education										NSSE 2016	5.&			Y	our seniors c	ompared v	with	
				UND		Plains Public	Plus	Carnegie Cl	ass	2017	Ju	UND	Plains Pu	ublic Plus	Carnegie	e Class	NSSE 201	6 & 2017
Item wording	Variable													Effect		Effect		Effect
or description d. Examined the strengths	name ¹ RIownview	Values ^m	Response options	Count 2	% 4	Count 40	%	Count 57	%	Count 655	<u>%</u> 3	Mean	Mean	size "	Mean	size "	Mean	size ⁿ
and weaknesses of	Klownview	2	Sometimes	16	30		30	594	27	5,808	28							
your own views on a		2	Often	23	43		44	978	45	9,238	20 44	2.9	2.9	03	2.9	06	2.9	05
topic or issue		4	Very often	13	24	465	24	532	25	5,301	25	2.7	2.9	03	2.9	00	2.9	05
		4	Total	54	100		100	2,161	100	21,002	100							
e. Tried to better	RIperspect	1	Never	1	2	24	100	35	2	391	2							
understand someone	Inpenspeer	2	Sometimes	12	22		27	512	24	5,046	24							
else's views by		- 3	Often	26	48		44	996	46	9,644	46	3.0	3.0	.06	3.0	.00	3.0	.02
imagining how an issue		4	Very often	15	28		27	617	29	5,920	28	2.0	5.0	.00	5.0	.00	5.0	.02
looks from their perspective		-	Total	54	100		100	2,160	100	21,001	100							
						,		,										
f. Learned something that changed the way you	RInewview	1	Never	1	2		2	26	1	302	1							
understand an issue or		2	Sometimes	14	26		29	534	25	5,535	26	2.0						
concept		3	Often	25	46		44	1,007	47	9,421	45	3.0	2.9	.05	3.0	06	3.0	02
		4	Very often	14	26		25	596	28	5,739	27							
<u> </u>	D.		Total	54	100	1,926	100	2,163	100	20,997	100							
g. Connected ideas from your courses to your	RIconnect	1	Never	0	0		1	11	1	116	1							
prior experiences and		2	Sometimes	9	17	239	12	230	11	2,393	11	2.2						
knowledge		3	Often	21	39		44	959	44	9,385	45	3.3	3.3	02	3.3	07	3.3	04
		4	Very often	24	44	819	43	957	44	9,074	43							
			Total	54	100	1,921	100	2,157	100	20,968	100							
3. During the current sci		ut how o																
 a. Talked about career plans with a faculty 	SFcareer	1	Never	3	6		10	213	10	2,043	10							
member		2	Sometimes	16	30		33	758	35	6,991	33	•						
		3	Often	15	28		31	662	31	6,345	30	3.0	2.7	.24	2.7 *	.28	2.7	.23
		4	Very often	20	37	497	26	528	24	5,626	27				Δ			
			Total	54	100	,	100	2,161	100	21,005	100							
b. Worked with a faculty member on activities	SFotherwork	1	Never	20	37	671	35	873	40	7,806	37							
other than coursework		2	Sometimes	16	30		35	670	31	6,692	32	2.1						
(committees, student		3	Often	11	20		18	361	17	3,689	18	2.1	2.1	.02	2.0	.09	2.1	.02
groups, etc.)		4	Very often	7	13		12	252	12	2,787	13							
			Total	54	100	1,925	100	2,156	100	20,974	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	icy D	istribution	s				St	atistical	Compari	sons ^k		
Education										NSSE 2016	5&			Y	our seniors o	compared v	vith	
				UND		Plains Public	Plus	Carnegie Cl	ass	2017		UND	Plains Pu	ublic Plus	Carnegi	e Class	NSSE 201	.6 & 2017
Item wording	Variable													Effect		Effect		Effect
or description c. Discussed course	name ¹ SFdiscuss	Values'	ⁿ Response options Never	Count 7	% 13	Count 370	% 19	Count 425	% 20	Count 4,444	<u>%</u> 21	Mean	Mean	size "	Mean	size "	Mean	size "
topics, ideas, or	51 discuss	2	Sometimes	25	47	812	42	988	46	8,502	41							
concepts with a faculty		2	Often	16	30		25	485	22	5,084	24	2.4	2.3	.03	2.3	.10	2.3	.05
member outside of		4	Very often	5	9	266	14	258	12	2,919	14	2.4	2.5	.03	2.3	.10	2.5	.05
class		-	Total	53	100	1,922	100	2,156	100	2,919	100							
d. Discussed your	SFperform	1	Never	7	13	312	16	390	18	3,354	16							
academic performance	Si perioriti	2	Sometimes	21	39	822	43	974	45	8,707	42							
with a faculty member		2	Often	19	35	497	26	527	25	5,670	27	2.5	2.4	.09	2.3	.19	2.4	.07
		4	Very often	7	13	287	15	260	12	3,226	15	2.0	2.4	.09	2.5	.19	2.4	.07
		-	Total	, 54	100	1,918	100	2,151	100	20,957	100							
4 D 1						,	100	2,101	100	20,707	100							
4. During the current sci a. Memorizing course	•	v much I	•	mphasized th	e tollo 19	262	14	301	14	2 966	14							
a. Memorizing course material	memorize	2	Very little	26	48		43			2,866								
material			Some			828		853	40	8,357	40	2.3				20	2.5	
		3	Quite a bit	11 7	20	634 202	33	725	34	7,040	34	2.3	2.4	15	2.5	20	2.5	21
		4	Very much Total	54	13 100	203 1,927	11 100	277 2,156	13 100	2,736 20,999	13 100							
b. Applying facts,	HOapply	1	Very little	1	2	43	2	2,136	2	481	2							
theories, or methods to	ноарру	2	Some	13	24	43 368	19	362	17	3,662	17							
practical problems or		2	Quite a bit	13 22	41	308 875	45	1,003	46	9,473	45	3.1	2.1	05	2.1	12	2.1	10
new situations		4	Very much	18	33	638	33	754	35	7,375	35	5.1	3.1	05	3.1	12	3.1	10
		4	Total	54	100	1,924	100	2,160	100	20,991	100							
c. Analyzing an idea,	HOanalyze	1	Very little	34	6		3	2,160	3	20,991	3							
experience, or line of	HOalialyze	2	Some	3 16	30	39 437	23	471	22	4,509	22							
reasoning in depth by		2	Quite a bit	15	28	850	44	946	44	9,039	43	3.0	3.0	06	3.1	11	3.0	10
examining its parts		4	Very much	20	37	573	30	687	32	6,754	32	5.0	5.0	00	5.1	11	5.0	10
		-	Total	20 54	100	1,919	100	2,158	100	20,965	100							
d. Evaluating a point of	HOevaluate	1	Very little	3	6		4	66	3	734	4							
view, decision, or	ricevaluate	2	Some	13	24	469	24	533	25	4,797	23							
information source		3	Quite a bit	19	35	867	45	946	44	9,319	44	3.0	2.9	.07	3.0	.03	3.0	.01
		4	Very much	19	35	511	27	611	28	6,119	29	5.0	2.7	.07	5.0	.03	5.0	.01
		+	Total	54	100	1,922	100	2,156	100	20,969	100							
			1 Juli	54	100	1,922	100	2,130	100	20,909	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	ncy D	istribution	S				St	atistical	Compari	sons ^k		
Education										NSSE 2016	- 0			Ŷ	our seniors o	compared v	with	
				UND		Plains Public	Plus	Carnegie C	ass	2017	200	UND	Plains Pu	ıblic Plus	Carnegi	e Class	NSSE 201	6 & 2017
Item wording	Variable			0.15				earriegie ei		2017			1 lailio 1 e	Effect	earneg.	Effect		Effect
or description	name '	Values"		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
 Forming a new idea or understanding from 	HOform	1	Very little	4	7	59	3	55	3	612	3							
various pieces of		2	Some	14	26	457	24	486	23	4,624	22	• •						
information		3	Quite a bit	17	31	869	45	1,007	47	9,530	46	2.9	3.0	05	3.0	08	3.0	09
		4	Very much	19	35	539	28	609	28	6,177	29							
			Total	54	100	1,924	100	2,157	100	20,943	100							
5. During the current scl	hool year, to v	what exte	ent have your instructo	ors done the f	ollow	ing?												
a. Clearly explained	ETgoals	1	Very little	3	6	43	2	42	2	482	2							
course goals and		2	Some	8	15	378	20	395	18	3,656	17							
requirements		3	Quite a bit	24	44	908	47	979	45	9,258	44	3.1	3.1	.03	3.1	04	3.1	06
		4	Very much	19	35	601	31	746	35	7,622	36							
			Total	54	100	1,930	100	2,162	100	21,018	100							
b. Taught course sessions	ETorganize	1	Very little	4	7	57	3	52	2	553	3							
in an organized way		2	Some	10	19	351	18	425	20	3,700	18							
		3	Quite a bit	26	48	955	50	967	45	9,484	45	2.9	3.1	16	3.1	20	3.1	24
		4	Very much	14	26	565	29	717	33	7,263	35							
			Total	54	100	1,928	100	2,161	100	21,000	100							
c. Used examples or	ETexample	1	Very little	1	2	66	3	67	3	756	4							
illustrations to explain		2	Some	12	22	371	19	446	21	4,053	19							
difficult points		3	Quite a bit	25	46	868	45	907	42	8,801	42	3.0	3.1	03	3.1	05	3.1	06
		4	Very much	16	30	622	32	743	34	7,385	35							
			Total	54	100	1,927	100	2,163	100	20,995	100							
d. Provided feedback on a	ETdraftfb	1	Very little	3	6	171	9	176	8	1,628	8							
draft or work in		2	Some	10	19	519	27	557	26	5,182	25							
progress		3	Quite a bit	21	40	703	36	792	37	7,512	36	3.1	2.8	.24	2.9	.20	2.9	.15
		4	Very much	19	36	537	28	638	29	6,668	32							
			Total	53	100	1,930	100	2,163	100	20,990	100							
e. Provided prompt and	ETfeedback	1	Very little	2	4	136	7	143	7	1,301	6							
detailed feedback on		2	Some	13	24	519	27	584	27	5,289	25							
tests or completed		3	Quite a bit	22	41	761	40	837	39	8,280	40	3.0	2.9	.16	2.9	.14	2.9	.10
assignments		4	Very much	17	31	509	26	594	28	6,083	29							
			Total	54	100	1,925	100	2,158	100	20,953	100							



Frequencies and Statistical Comparisons: Education

University of North Dakota

Seniors ^a in						Frequen	cy D	istribution	S				Sta	atistical	Comparis	sons ^k		
Education				UND		aina Dublia	Dive	Como esta Cl		NSSE 2016 2017	5&	UND	Plains Pu		our seniors c			C 8 2017
Item wording or description	Variable name ^I	Values [*]	Response options	Count	<u>۲</u> %		Plus %	Carnegie Cl	ass %			Mean	Mean	Effect size"	Carnegio Mean	Effect size "	NSSE 201 Mean	Effect size"
•			often have you done th		70	Count	70	Count	70	Count	%	Weun	weun	SIZE	Weun	SIZE	Weun	SIZE
a. Reached conclusions	ORconclude	1	Never	14	27	315	16	374	17	3,698	18							
based on your own	X	2	Sometimes	22	42	847	44	884	41	8,515	41							
analysis of numerical		3	Often	8	15	548	28	618	29	6,018	29	2.2	2.3	18	2.4	20	2.4	20
information (numbers,		4	Very often	8	15	219	11	283	13	2,759	13		210		2	.20	2	.20
graphs, statistics, etc.)			Total	52	100	1,929	100	2,159	100	20,990	100							
b. Used numerical	QRproblem	1	Never	13	24	446	23	547	25	5,277	25							
information to examine		2	Sometimes	27	50	885	46	928	43	8,784	42							
a real-world problem of	or	3	Often	6	11	436	23	468	22	4,780	23	2.2	2.2	.01	2.2	.00	2.2	02
issue (unemployment,		4	Very often	8	15	160	8	221	10	2,150	10		2.2	.01	2.2	.00	2.2	.02
climate change, public health, etc.)			Total	54	100	1,927	100	2,164	100	20,991	100							
ileanti, etc.)			Total	51	100	1,927	100	2,101	100	20,771	100							
c. Evaluated what others	QRevaluate	1	Never	13	24	432	22	519	24	5,084	24							
have concluded from		2	Sometimes	25	46	907	47	950	44	9,188	44							
numerical information		3	Often	11	20	440	23	498	23	4,861	23	2.1	2.2	01	2.2	03	2.2	02
		4	Very often	5	9	144	7	197	9	1,857	9							
			Total	54	100	1,923	100	2,164	100	20,990	100							
7. During the current	school year, about	t how 1	nany papers, reports,	or other writ	ing task	s of the fol	lowin	g lengths ha	ve you	ı been assig	gned? ()	Include those not	t yet compl	leted.)				
a. Up to 5 pages	wrshortnum	0	None	4	7	83	4	93	4	825	4							
	(Recoded version	1.5	1-2	5	9	360	19	318	15	3,134	15							
	of wrshort created	4	3-5	10	19	520	27	575	27	5,590	27							
	by NSSE. Values	8	6-10	12	22	394	21	483	23	4,664	22	9.9	8.1	.25	8.8	.15	8.8	.15
	are estimated	13	11-15	12	22	218	11	242	11	2,493	12							
	number of papers, reports, etc.)	18	16-20	4	7	131	7	176	8	1,504	7							
	reports, etc.)	23	More than 20	7	13	194	10	252	12	2,581	12							
			Total	54	100	1,900	100	2,139	100	20,791	100							
b. Between 6 and 10	wrmednum	0	None	14	26	445	24	424	20	4,124	20							
pages	(Recoded version	1.5	1-2	14	26	712	38	751	35	7,035	34							
	of wrmed created	4	3-5	16	30	451	24	560	26	5,354	26							
	by NSSE. Values	8	6-10	8	15	200	11	256	12	2,561	12	3.2	3.1	.05	3.6	08	3.8	12
	are estimated	13	11-15	2	4	50	3	70	3	820	4							
	number of papers, reports, etc.)	18	16-20	0	0	19	1	28	1	369	2							
	reports, etc.)	23	More than 20	0	0	14	1	33	2	376	2							
			Total	54	100	1,891	100	2,122	100	20,639	100							



Frequencies and Statistical Comparisons: Education

University of North Dakota

Seniors ^a in						Frequen	cy Di	stribution	S				Sta	atistical	Comparis	ons ^k		
Education										NSSE 2016	5&				our seniors co	<u> </u>		
			_	UND		Plains Public F	Plus	Carnegie Cl	ass	2017		UND	Plains Pu		Carnegie		NSSE 2016	
Item wording or description	Variable name ^I	Values [*]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
c. 11 pages or more	wrlongnum	0	None	22	41	915	49	974	46	9,334	45							
	(Recoded version	1.5	1-2	24	44	707	38	776	36	7,503	36							
	of wrlong created	4	3-5	6	11	170	9	250	12	2,279	11							
	by NSSE. Values	8	6-10	0	0	52	3	61	3	777	4	1.6	1.5	.04	1.8	06	1.9	09
	are estimated number of papers,	13	11-15	2	4	14	1	30	1	315	2							
	reports, etc.)	18	16-20	0	0	7	0	18	1	165	1							
	1	23	More than 20	0	0	13	1	19	1	267	1							
			Total	54	100	1,878	100	2,128	100	20,640	100							
Estimated number of assigned pages of	wrpages											79.4	69.2	.14	80.7	02	84.4	05
student writing.	(Continuous variab from wrshort, wrme estimated pages of	ed, and	-										0712			.02	01	100
	school year abou		e			e	llowin											
8. During the current	school year, abou	t now o	otten nave vou nad disci	ussions with	peop	e from the fo	nown	ig groups?										
8. During the current a. People of a race or	DDrace	t now (1	Never	2	peop 4	e from the fo 104	110 W II 5	ig groups ? 82	4	961	5							
a. People of a race or ethnicity other than	•				peop 4 44				4 26	961 5,500	5 26							
a. People of a race or	•	1	Never	2	4	104	5	82				2.7	2.9	19	3.0 **	40	3.0 **	38
a. People of a race or ethnicity other than	•	1 2	Never Sometimes	2 24	4 44	104 642	5 33	82 568	26	5,500	26	2.7	2.9	19	3.0 **	40	3.0 **	38
a. People of a race or ethnicity other than	•	1 2 3	Never Sometimes Often	2 24 17	4 44 31	104 642 616	5 33 32	82 568 691	26 32	5,500 6,553	26 31	2.7	2.9	19		40		38
a. People of a race or ethnicity other than	•	1 2 3	Never Sometimes Often Very often	2 24 17 11	4 44 31 20	104 642 616 566	5 33 32 29	82 568 691 822	26 32 38	5,500 6,553 8,017	26 31 38	2.7	2.9	19		40		38
 a. People of a race or ethnicity other than your own b. People from an economic background 	DDrace	1 2 3	Never Sometimes Often Very often Total	2 24 17 11 54	4 44 31 20 100	104 642 616 566 1,928	5 33 32 29 100	82 568 691 822 2,163	26 32 38 100	5,500 6,553 8,017 21,031	26 31 38 100	2.7	2.9	19		40		38
 a. People of a race or ethnicity other than your own b. People from an 	DDrace	1 2 3 4	Never Sometimes Often Very often Total Never	2 24 17 11 54 5	4 44 31 20 100 9	104 642 616 566 1,928 57	5 33 32 29 100 3	82 568 691 822 2,163 51	26 32 38 100 2	5,500 6,553 8,017 21,031 653	26 31 38 100 3	2.7	2.9	19		40		38
 a. People of a race or ethnicity other than your own b. People from an economic background 	DDrace	1 2 3 4 1 2	Never Sometimes Often Very often Total Never Sometimes	2 24 17 11 54 5 13	4 44 31 20 100 9 24	104 642 616 566 1,928 57 532	5 33 32 29 100 3 28	82 568 691 822 2,163 51 501	26 32 38 100 2 23	5,500 6,553 8,017 21,031 653 4,919	26 31 38 100 3 23				•		•	
 a. People of a race or ethnicity other than your own b. People from an economic background 	DDrace	1 2 3 4 1 2 3	Never Sometimes Often Very often Total Never Sometimes Often	2 24 17 11 54 5 13 23	4 44 31 20 100 9 24 43	104 642 616 1,928 57 532 745 596	5 33 32 29 100 3 28 39	82 568 691 822 2,163 51 501 836	26 32 38 100 2 23 39	5,500 6,553 8,017 21,031 653 4,919 7,783	26 31 38 100 3 23 37				3.1 *		3.1 *	
 a. People of a race or ethnicity other than your own b. People from an economic background 	DDrace	1 2 3 4 1 2 3	Never Sometimes Often Very often Total Never Sometimes Often Very often	2 24 17 11 54 5 13 23 13	4 44 31 20 100 9 24 43 24	104 642 616 1,928 57 532 745 596	5 33 32 29 100 3 28 39 31	82 568 691 822 2,163 51 501 836 776	26 32 38 100 2 23 39 36	5,500 6,553 8,017 21,031 653 4,919 7,783 7,647	26 31 38 100 3 23 37 36				3.1 *		3.1 *	
 a. People of a race or ethnicity other than your own b. People from an economic background other than your own c. People with religious beliefs other than your 	DDrace	1 2 3 4 1 2 3 4	Never Sometimes Often Very often Total Never Sometimes Often Very often Total	2 24 17 11 54 5 13 23 13 54	4 44 31 20 100 9 24 43 24 100	104 642 616 1,928 57 532 745 596 1,930	5 33 32 29 100 3 28 39 31 100	82 568 691 822 2,163 51 501 836 776 2,164	26 32 38 100 2 23 39 36 100	5,500 6,553 8,017 21,031 653 4,919 7,783 7,647 21,002	26 31 38 100 3 23 37 36 100				3.1 *		3.1 *	
 a. People of a race or ethnicity other than your own b. People from an economic background other than your own c. People with religious 	DDrace	1 2 3 4 1 2 3 4 1	Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never	2 24 17 11 54 5 13 23 13 54 1	4 44 31 20 100 9 24 43 24 100 2	104 642 616 1,928 57 532 745 596 1,930 96	5 33 32 29 100 3 28 39 31 100 5	82 568 691 822 2,163 51 501 836 776 2,164 158	26 32 38 100 2 23 39 36 100 7	5,500 6,553 8,017 21,031 653 4,919 7,783 7,647 21,002 1,271	26 31 38 100 3 23 37 36 100 6				3.1 *		3.1 *	30
 a. People of a race or ethnicity other than your own b. People from an economic background other than your own c. People with religious beliefs other than your 	DDrace	1 2 3 4 1 2 3 4 1 2	Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes	2 24 17 11 54 5 13 23 13 23 13 54 1 1	4 44 31 20 100 9 24 43 24 100 2 26	104 642 616 566 1,928 57 532 745 596 1,930 96 550	5 33 29 100 3 28 39 31 100 5 29	82 568 691 822 2,163 51 501 836 776 2,164 158 630	26 32 38 100 2 23 39 36 100 7 29	5,500 6,553 8,017 21,031 653 4,919 7,783 7,647 21,002 1,271 6,009	26 31 38 100 3 23 37 36 100 6 29	2.8	3.0	19	▼ 3.1 * ▼	32	▼ 3.1 * ▽	30
 a. People of a race or ethnicity other than your own b. People from an economic background other than your own c. People with religious beliefs other than your 	DDrace	1 2 3 4 1 2 3 4 1 2 3 1 2 3	Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often	2 24 17 11 54 5 13 23 13 23 13 54 1 14 22	4 44 31 20 100 9 24 43 24 100 2 2 26 41	104 642 616 566 1,928 57 532 745 596 1,930 96 550 679 601	5 33 29 100 3 28 39 31 100 5 29 35	82 568 691 822 2,163 51 501 836 776 2,164 158 630 682	26 32 38 100 2 23 39 36 100 7 29 32	5,500 6,553 8,017 21,031 653 4,919 7,783 7,647 21,002 1,271 6,009 6,749	26 31 38 100 3 23 37 36 100 6 29 32	2.8	3.0	19	▼ 3.1 * ▼	32	▼ 3.1 * ▽	30
 a. People of a race or ethnicity other than your own b. People from an economic background other than your own c. People with religious beliefs other than your own 	DDrace	1 2 3 4 1 2 3 4 1 2 3 1 2 3	Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often Very often Very often Very often	2 24 17 11 54 5 13 23 13 23 13 54 1 14 22 17	4 44 31 20 100 9 24 43 24 100 2 2 26 41 31	104 642 616 566 1,928 57 532 745 596 1,930 96 550 679 601	5 33 29 100 3 28 39 31 100 5 29 35 31	82 568 691 822 2,163 51 501 836 776 2,164 158 630 682 694	26 32 38 100 2 23 39 36 100 7 29 32 32 32	5,500 6,553 8,017 21,031 653 4,919 7,783 7,647 21,002 1,271 6,009 6,749 6,990	26 31 38 100 3 23 37 36 100 6 29 32 33	2.8	3.0	19	▼ 3.1 * ▼	32	▼ 3.1 * ▽	30
 a. People of a race or ethnicity other than your own b. People from an economic background other than your own c. People with religious beliefs other than your own d. People with political views other than your 	DDrace	1 2 3 4 1 2 3 4 1 2 3 1 2 3	Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often Very often Very often Total	2 24 17 11 5 13 23 13 23 13 54 1 14 22 17 54	4 44 31 20 100 9 24 43 24 100 2 26 41 31 100	104 642 616 566 1,928 57 532 745 596 1,930 96 550 679 601 1,926	5 33 29 100 3 28 39 31 100 5 29 35 31 100	82 568 691 822 2,163 51 501 836 776 2,164 158 630 682 694 2,164	26 32 38 100 2 23 39 36 100 7 29 32 32 32 100	5,500 6,553 8,017 21,031 653 4,919 7,783 7,647 21,002 1,271 6,009 6,749 6,990 21,019	26 31 38 100 3 23 37 36 100 6 29 32 33 100	2.8	3.0	19	▼ 3.1 * ▼	32	▼ 3.1 * ▽	30
 a. People of a race or ethnicity other than your own b. People from an economic background other than your own c. People with religious beliefs other than your own d. People with political 	DDrace	1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1	Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often Very often Very often Total Never	2 24 17 11 54 5 13 23 13 23 13 54 1 14 22 17 54 1	4 44 31 20 100 9 24 43 24 100 2 26 41 31 100 2 2	104 642 616 566 1,928 57 532 745 596 1,930 96 550 679 601 1,926 82	5 33 32 29 100 3 28 39 31 100 5 29 35 31 100 4	82 568 691 822 2,163 51 501 836 776 2,164 158 630 682 694 2,164 75	26 32 38 100 2 23 39 36 100 7 29 32 32 32 100 3	5,500 6,553 8,017 21,031 653 4,919 7,783 7,647 21,002 1,271 6,009 6,749 6,990 21,019 960	26 31 38 100 3 23 37 36 100 6 29 32 33 100 5	2.8	3.0	19	▼ 3.1 * ▼	32	▼ 3.1 * ▽	30
 a. People of a race or ethnicity other than your own b. People from an economic background other than your own c. People with religious beliefs other than your own d. People with political views other than your 	DDrace	1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2	Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often Very often Very often Total Never Sometimes Often Very often Total Never Sometimes	2 24 17 11 54 5 13 23 13 23 13 54 1 14 22 17 54 1 13	4 44 31 20 100 9 24 43 24 100 2 26 41 31 100 2 2 24	104 642 616 566 1,928 57 532 745 596 1,930 96 550 679 601 1,926 82 472	5 33 32 29 100 3 28 39 31 100 5 29 35 31 100 4 25	82 568 691 822 2,163 51 501 836 776 2,164 158 630 682 694 2,164 75 556	26 32 38 100 2 23 39 36 100 7 29 32 32 32 100 3 26	5,500 6,553 8,017 21,031 653 4,919 7,783 7,647 21,002 1,271 6,009 6,749 6,990 21,019 960 5,444	$ \begin{array}{r} 26\\31\\38\\100\\\hline 3\\23\\37\\36\\100\\\hline 6\\29\\32\\33\\100\\\hline 5\\26\\\end{array} $	2.8	3.0	19	 ■ 3.1 * ■ 2.9 	32	▼ 3.1 * ▼ 2.9	



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	ncy Di	istributior	IS				St	atistical	Compari	sons ^k		
Education										NSSE 2016	5&			Y	our seniors c	compared v	vith	
				UND	P	lains Public	Plus	Carnegie C	lass	2017		UND	Plains Pu	ublic Plus	Carnegi	e Class	NSSE 2016	5 & 2017
Item wording or description	Variable name ^I	Values'	^a Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
9. During the current so	chool year, abo	ut how o	often have you done th	e following?														
a. Identified key	LSreading	1	Never	2	4	31	2	32	1	374	2							
information from		2	Sometimes	11	20	345	18	354	16	3,315	16							
reading assignments		3	Often	21	39	809	42	916	42	8,784	42	3.1	3.2	11	3.2	15	3.2	16
		4	Very often	20	37	744	39	859	40	8,535	41							
			Total	54	100	1,929	100	2,161	100	21,008	100							
b. Reviewed your notes	LSnotes	1	Never	9	17	155	8	157	7	1,625	8							
after class		2	Sometimes	19	35	669	35	757	35	6,543	31							
		3	Often	13	24	618	32	679	31	6,769	32	2.6	2.7	20	2.8	23	2.8 *	28
		4	Very often	13	24	483	25	570	26	6,066	29						∇	
			Total	54	100	1,925	100	2,163	100	21,003	100							
c. Summarized what you	LSsummary	1	Never	3	6	109	6	133	6	1,190	6							
learned in class or from		2	Sometimes	16	30	601	31	646	30	5,944	28							
course materials		3	Often	21	39	721	38	832	38	7,902	38	2.9	2.8	.03	2.8	.02	2.9	04
		4	Very often	14	26	490	26	551	25	5,918	28							
			Total	54	100	1,921	100	2,162	100	20,954	100							
10. During the current s	school year, to	what ex	tent have your courses	s challenged y	ou to d	o your bes	t work	?										
-	challenge	1	Not at all	0	0	14	1	11	1	157	1							
		2		1	2	25	1	32	1	235	1							
		3		0	0	71	4	85	4	668	3							
		4		4	7	178	9	188	9	1,927	9	5.8	5.6	.18	5.6	.14	5.7	.08
		5		16	30	581	30	649	30	5,722	27							
		6		17	31	570	30	577	27	5,684	27							
		7	Very much	16	30	486	25	620	29	6,577	31							
			Total	54	100	1,925	100	2,162	100	20,970	100							
11. Which of the follow	ing have you d	one or d	o you plan to do befor	e you gradua	te?°													
a. Participate in an	intern		Have not decided	0	0	27	1	52	2	548	3							
internship, co-op, field	(Means indicate		Do not plan to do	0	0	39	2	40	2	654	3							
experience, student	the percentage		Plan to do	20	37	594	31	638	29	5,525	26	63%	66%	06	66%	07	68%	11
teaching, or clinical placement	who responded		Done or in progress	34	63	1,269	66	1,439	66	14,298	68							
placement	"Done or in progress.")		Total	54	100	1,929	100	2,169	100	21,025	100							



Frequencies and Statistical Comparisons: Education

University of North Dakota

Seniors ^a in					Frequenc	cy D	istribution	s				Sta		Comparis			
Education			UND		Plains Public P	lus	Carnegie Cl	ass	NSSE 2016 2017	5&	UND	Plains Pu		our seniors co Carnegie	,	with NSSE 2016	& 201
Item wording	Variable	w. m.			.	~	.		.				Effect		Effect		Effect
or description b. Hold a formal	name ¹ leader	Values ^m Response options Have not decided	Count 3	%	Count 205	% 11	Count 253	% 12	Count 2,464	% 12	Mean	Mean	size "	Mean	size "	Mean	size "
leadership role in a	(Means indicate	Do not plan to do	27	50	847	44	942	43	8,844	42							
student organization or	the percentage	Plan to do	0	0	118	6	154	7	1,637	8	44%	39%	.11	38%	.14	38%	.12
group	who responded	Done or in progress	24	44	754	39	817	38	8,059	38		5570	.11	5070		5070	.12
	"Done or in progress.")	Total	54	100		100	2,166	100	21,004	100							
c. Participate in a learning	learncom	Have not decided	6	11	220	11	244	11	2,771	13							
community or some	(Means indicate	Do not plan to do	26	48	853	44	820	38	8,300	40							
other formal program	(Means indicate the percentage	Plan to do	3	6	165	9	197	9	2,198	10	35%	36%	01	42%	13	37%	03
where groups of	who responded	Done or in progress	19	35	688	36	895	42	7,689	37	5570	5070	01	4270	15	5170	05
students take two or more classes together	"Done or in progress.")	Total	54	100		100	2,156	100	20,958	100							
d. Participate in a study	abroad	Have not decided	7	13	199	10	241	11	2,503	12							
abroad program	(Means indicate	Do not plan to do	46	85	1,387	72	1,506	70	14,537	69							
	the percentage	Plan to do	1	2	104	5	138	6	1,334	6	0%	12% **	71	13% **	74	12% **	72
	who responded	Done or in progress	0	0	234	12	281	13	2,612	12		•		•		•	
	"Done or in progress.")	Total	54	100	1,924	100	2,166	100	20,986	100		Ť		•		•	
e. Work with a faculty	research	Have not decided	11	20	252	13	358	17	3,250	16							
member on a research	(Means indicate	Do not plan to do	30	56	1,233	64	1,218	56	12,288	59							
project	the percentage	Plan to do	4	7	153	8	222	10	1,948	9	17%	15%	.05	17%	.00	17%	.00
	who responded	Done or in progress	9	17	282	15	364	17	3,470	17	2170	1070	100	1770	.00	1770	.00
	"Done or in progress.")	Total	54	100	1,920	100	2,162	100	20,956	100							
f. Complete a culminating	capstone	Have not decided	0	0	142	7	220	10	1,880	9							
senior experience	(Means indicate	Do not plan to do	2	4	381	20	446	21	3,824	18							
(capstone course,	the percentage	Plan to do	19	35	529	27	556	26	5,262	25	61%	45% *	.32	44% *	.35	48%	.27
senior project or thesis, comprehensive exam,	who responded	Done or in progress	33	61	876	45	943	44	10,033	48							
portfolio, etc.)	"Done or in progress.")	Total	54	100	1,928	100	2,165	100	20,999	100							
12. About how many of	your courses at	this institution have inclu	led a communit	y-bas	ed project (ser	vice	-learning)?										
	servcourse	1 None	4	7	327	17	392	18	3,855	18							
		2 Some	36	67	1,185	62	1,262	59	11,999	57							
		3 Most	12	22	362	19	434	20	4,408	21	2.2	2.1	.23	2.1	.20	2.1	.18
		4 All	2	4	48	2	69	3	722	3							
		Total	54	100	1,922	100	2,157	100	20,984	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Freque	ncy D	istributior	IS				St	tatistical	Compari	sons ^k		
Education										NSSE 2016	5&			Y	our seniors (compared v	with	
				UND		Plains Public	Plus	Carnegie C	lass	2017		UND	Plains P	ublic Plus	Carnegi	e Class	NSSE 201	.6 & 2017
Item wording or description	Variable name ^I	Values	^m Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
13. Indicate the quality	y of your interac	ctions w	ith the following peopl	e at your inst	itutio	n.												
a. Students	QIstudent	1	Poor	1	2	13	1	11	1	172	1							
		2		2	4	19	1	17	1	238	1							
		3		1	2	40	2	71	3	654	3							
		4		5	9	166	9	159	7	1,843	9							
		5		14	26	443	23	533	25	4,808	23	5.6	5.8	21	5.8	20	5.8	16
		6		15	28	574	30	631	29	5,923	28							
		7	Excellent	16	30	663	34	737	34	7,191	34							
		_	Not applicable	0	0	12	1	7	0	226	1							
			Total	54	100	1,930	100	2,166	100	21,055	100							
b. Academic advisors	QIadvisor	1	Poor	2	4	61	3	91	4	858	4							
		2		3	6	82	4	146	7	1,009	5							
		3		2	4	148	8	205	9	1,507	7							
		4		4	7	230	12	299	14	2,393	11							
		5		14	26	333	17	398	18	3,684	18	5.3	5.4	03	5.1	.16	5.3	.00
		6		15	28	390	20	393	18	4,180	20							
		7	Excellent	14	26	676	35	616	28	7,237	34							
			Not applicable	0	0	5	0	16	1	166	1							
			Total	54	100	1,925	100	2,164	100	21,034	100							
c. Faculty	QIfaculty	1	Poor	2	4	18	1	16	1	234	1							
		2		2	4	30	2	38	2	354	2							
		3		1	2	72	4	78	4	781	4							
		4		2	4	212	11	254	12	2,056	10							
		5		12	22	510	27	539	25	4,862	23	5.6	5.6	.05	5.6	.04	5.6	02
		6		19	35	569	30	658	31	6,261	30							
		7	Excellent	16	30	505	26	565	26	6,314	30							
		_	Not applicable	0	0	5	0	4	0	115	1							
			Total	54	100	1,921	100	2,152	100	20,977	100							



Frequencies and Statistical Comparisons: Education

University of North Dakota

Seniors ^a in						Frequency	y Dis	tribution	s				Sta	atistical	Comparis	ons ^k		
Education				UND		Plains Public Pl		Carnegie (1	200	NSSE 2016 2017	5&	UND	Plains Pu		our seniors co Carnegie		with NSSE 2016	8 2017
Item wording	Variable			OND			u3 (carriegie ci	355	2017		0.10	1 101113 1 0	Effect	Carriegie	Effect	NJJL 2010	Effect
or description	name ^I	Values"		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
d. Student services staff	QIstaff	1	Poor	3	6	63	3	84	4	817	4							
(career services, student activities,		2		2	4	92	5	95	4	909	4							
housing, etc.)		3		3	6	110	6	185	9	1,366	7							
nousing, etc.)		4		6	11	272	14	297	14	2,712	13							
		5		8	15	362	19	394	18	3,881	18	5.0	5.0	03	4.9	.05	5.0	02
		6		12	22	371	19	403	19	3,641	17							
		7	Excellent	8	15	323	17	325	15	3,732	18							
		_	Not applicable	12	22	331	17	379	18	3,926	19							
			Total	54	100	1,924 1	00	2,162	100	20,984	100							
e. Other administrative	QIadmin	1	Poor	5	9	67	3	85	4	884	4							-
staff and offices		2		5	9	85	4	113	5	1,028	5							
(registrar, financial aid,		3		4	7	157	8	195	9	1,686	8							
etc.)		4		5	9	253	13	368	17	3,139	15							
		5		14	26	430	22	498	23	4,578	22	4.5	5.1 *	36	4.9	22	5.0 *	31
		6		9	17	457	24	424	20	4,283	20		•				•	
		7	Excellent	7	13	385	20	355	16	4,409	21						•	
		_	Not applicable	5	9	91	5	127	6	1,025	5							
			Total	54	100	1,925 1	.00	2,165	100	21,032	100							
14. How much does you	r institution er	nphasize	e the following?															
a. Spending significant	empstudy	1	Very little	3	6	32	2	34	2	407	2							
amounts of time		2	Some	18	33	471	24	443	20	4,145	20							
studying and on		3	Quite a bit	18	33	970	50	1,017	47	10,121	48	2.8	3.0	17	3.1	32	3.1	31
academic work		4	Very much	15	28	456	24	670	31	6,340	30							
			Total	54	100	1,929 1	00	2,164	100	21,013	100							
b. Providing support to	SEacademic	1	Very little	1	2	68	4	79	4	759	4							
help students succeed		2	Some	14	26		23	493	23	4,515	22							
academically		3	Quite a bit	27	51		47	999	46	9,274	44	2.9	3.0	08	3.0	08	3.0	13
		4	Very much	11	21		27	579	27	6,354	30							
			Total	53	100		.00	2,150	100	20,902	100							
c. Using learning support	SElearnsup	1	Very little	6	11	176	9	214	10	1,858	9							
services (tutoring	- F	2	Some	23	43		27	574	27	5,071	24							
services, writing		3	Quite a bit	20	37		40	859	40	7,975	38	2.4	2.8 **	38	2.8 **	36	2.9 ***	*46
center, etc.)		4	Very much	5	9		24	517	24	6,067	29		2.0		2.0	.20	2 .2	
			Total	54	100		.00	2,164	100	20,971	100		•		•		•	

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Frequencies and Statistical Comparisons: Education

or description name ^k Volues ^m Response options Court % Court		arisons ^k	Statistical Compari				าร	istribution	ncy Di	Frequer						Seniors ^a in				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	d with	rs compared w	Your seniors		2016 8	NCCE 2014								ducation						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	NSSE 2016 & 2017	egie Class	lains Public Plus Carneg	UND			lass	Carnegie Cl	r Plus	Plains Public										
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Effect	0		017	2017	1055	carriegie ei	. 1 105	T latitis T ablic		OND			Variable	Item wording				
among students from different backgrounds (social, racial/ethnic, religious, etc.) 2 Some 21 40 663 34 709 33 6.422 31 a Quie a bit 21 40 667 35 725 33 7,070 34 2.6 03 2.6 2.6	e ⁿ Mean size ⁿ	n size ⁿ	Mean size ⁿ Mean	Mean										Values"		· · · · · · · · · · · · · · · · · · ·				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$,							•	1	SEdiverse	00				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $													Some	2		•				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	5 2.709	05	2.603 2.6	2.6	070 34	7,070	33	725	35	672	40	21	Quite a bit	3		0				
e. Providing opportunities to be involved socially SEsocial 1 Very litle 1 2 111 6 114 5 1,419 7 2 Some 17 31 494 26 493 23 4,909 23 3 Quie a bit 27 50 807 42 923 43 8,515 41 4 Very much 9 17 510 27 635 29 6,122 29 6. Providing support for your overall well-being (recreation, health care, counseling, etc.) Sewellness 1 Very litle 2 4 165 9 179 8 2,110 106 7 50 Some 12 23 504 26 567 26 5,511 26 4 Very much 12 23 494 26 561 26 5,537 26 5 Total 73 100 1,925 100 2,157 100 20,955 100 9 Meta bit 17 31 <							21	458	19	368	13	7	•	4		religious, etc.)				
to be involved socially 2 Some 17 31 494 26 493 23 4,90 24 26 510 20 6,12 29 6,00 2,90 3,0 responsibilities (work, family, etc.) SEmonacad 1 Very litle 2 3 000 1,925 100 2,157 100 20,955 100 2,19 2,10							100	2,165	100	1,925	100	53								
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					419 7	1,419	5	114	6	111	2	1	Very little	1	SEsocial	0 11				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$					909 23	4,909	23	493	26	494	31	17	Some	2		to be involved socially				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	7 2.912	17	2.909 3.0	2.8	515 41	8,515	43	923	42	807	50	27	Quite a bit	3						
f. Providing support for your overall well-being (recreation, health care, counseling, etc.) SEwellness 1 Very little 2 4 165 9 179 8 2,110 10 g. Helping you manage prosnsibilities (work, family, etc.) SEnonacad 1 Very little 12 23 504 26 567 26 5,411 26 g. Helping you manage responsibilities (work, family, etc.) SEnonacad 1 Very little 17 31 609 32 686 32 6,516 31 g. Helping you manage responsibilities (work, family, etc.) SEnonacad 1 Very little 17 31 609 32 686 32 6,516 31 h Attending campus SEactivities 1 Very little 12 22 380 20 470 22 4,532 22 h Attending campus SEactivities 1 Very little 5 9 215 11 248 11 3,046 15					122 29	6,122	29	635	27	510	17	9	Very much	4						
your overall well-being (recreation, health care, counseling, etc.) 2 Some 12 23 504 26 567 26 5,411 26 3 Quite a bit 27 51 762 40 850 39 7,897 38 2.9 2.8 .11 2.8 .1 <					965 100	20,965	100	2,165	100	1,922	100	54	Total							
(recreation, health care, counseling, etc.) 3 Quite a bit 27 51 762 40 850 39 7,897 38 2.9 2.8 .11 2.9 2.9 2.9 2.9					110 10	2,110	8	179	9	165	4	2	Very little	1	SEwellness	0 11				
counseling, etc.) 3 Quite a bit 27 51 762 40 850 39 7,897 38 2.9 2.8 .11 2.8 . 4 Very much 12 23 494 26 561 26 5,537 26 g. Helping you manage your non-academic responsibilities (work, family, etc.) 3 Quite a bit 17 31 609 32 686 32 6,516 31 your non-academic responsibilities (work, family, etc.) 3 Quite a bit 12 22 380 20 470 22 4,532 22 4 Very much 3 6 191 10 235 11 2,525 12 4 Very much 3 6 191 10 235 11 2,525 12 h. Attending campus SEactivities 1 Very little 5 9 215 11 248 11 3,046 15					411 26	5,411	26	567	26	504	23	12	Some	2						
4 Very much 12 23 494 26 561 26 5,537 26 Total 53 100 1,925 100 2,157 100 20,955 100 g. Helping you manage your non-academic responsibilities (work, family, etc.) SEnonacad 1 Very little 17 31 609 32 686 32 6,516 31 9. Helping you manage your non-academic responsibilities (work, family, etc.) 3 Quite a bit 12 22 380 20 470 22 4,532 22 4 Very much 3 6 191 10 235 11 2,525 12 Total 54 100 1,923 100 2,157 100 20,964 100 h. Attending campus SEactivities 1 Very little 5 9 215 11 248 11 3,046 15	0 2.8 .13	.10	2.8 .11 2.8	2.9	897 38	7,897	39	850	40	762	51	27	Quite a bit	3						
g. Helping you manage your non-academic responsibilities (work, family, etc.) SEnonacad 1 Very little 17 31 609 32 686 32 6,516 31 your non-academic responsibilities (work, family, etc.) 2 Some 22 41 743 39 766 36 7,391 35 4 Very much 12 22 380 20 470 22 4,532 22 4 Very much 3 6 191 10 235 11 2,525 12 h. Attending campus SEactivities 1 Very little 5 9 215 11 248 11 3,046 15					537 26	5,537	26	561	26	494	23	12	Very much	4		counsening, etc.)				
your non-academic responsibilities (work, family, etc.) 2 Some 22 41 743 39 766 36 7,391 35 4 Very much 12 22 380 20 470 22 4,532 22 4 Very much 3 6 191 10 235 11 2,525 12 Total 54 100 1,923 100 2,157 100 20,964 100 h. Attending campus SEactivities 1 Very little 5 9 215 11 248 11 3,046 15					955 100	20,955	100	2,157	100	1,925	100	53	Total							
responsibilities (work, family, etc.) 3 Quite a bit 12 22 41 743 35 700 30 7,91 35 4 Very much 12 22 380 20 470 22 4,532 22 4 Very much 3 6 191 10 235 11 2,525 12 h. Attending campus SEactivities 1 Very little 5 9 215 11 248 11 3,046 15					516 31	6,516	32	686	32	609	31	17	Very little	1	SEnonacad	0 1 01 0				
family, etc.) 3 Quite a bit 12 22 380 20 4/0 22 4,532 22 2.0 2.1 06					391 35	7,391	36	766	39	743	41	22	Some	2						
4 Very much 3 6 191 10 235 11 2,525 12 Total 54 100 1,923 100 2,157 100 20,964 100 h. Attending campus SEactivities 1 Very little 5 9 215 11 248 11 3,046 15	0 2.113	10	2.106 2.1	2.0	532 22	4,532	22	470	20	380	22	12	Quite a bit	3		-				
h. Attending campus SEactivities 1 Very little 5 9 215 11 248 11 3,046 15					525 12	2,525	11	235	10	191	6	3	Very much	4		family, etc.)				
					964 100	20,964	100	2,157	100	1,923	100	54	Total							
activities and events 2 Some 10 25 550 20 625 20 5 850 28					046 15	3,046	11	248	11	215	9	5	Very little	1	SEactivities	h. Attending campus				
2 Solic 19 55 559 29 055 29 5,859 28					859 28	5,859	29	635	29	559	35	19	Some	2		activities and events				
(performing arts, a Quite a bit 18 33 708 37 795 37 7,236 35 2.7 2.703 2.703	2 2.7 .03	02	2.703 2.7	2.7	236 35	7,236	37	795	37	708	33	18	Quite a bit	3						
athletic events, etc.) 3 Quice u bit 10 35 700 57 7,55 57 7,55 57 2,7 2,7 2,03 2,7 4 Very much 12 22 440 23 482 22 4,791 23					791 23	4,791	22	482	23	440	22	12	Very much	4		athletic events, etc.)				
Total 54 100 1,922 100 2,160 100 20,932 100					932 100	20,932	100	2,160	100	1,922	100	54	Total							
i. Attending events that SEevents 1 Very little 8 15 303 16 376 17 3,952 19					952 19	3,952	17	376	16	303	15	8	Very little	1	SEevents	i. Attending events that				
address important 2 Some 26 50 778 40 848 39 7,512 36					512 36	7,512	39	848	40	778	50	26	-	2		address important				
social, economic, or 3 Quite a bit 11 21 590 31 618 29 6218 30 23 24 10 24	8 2.409	08	2.410 2.4	2.3			29	618	31	590	21	11	Quite a bit	3		,				
political issues 4 Very much 7 13 257 13 315 15 3,237 15					237 15	3,237	15	315	13	257	13	7	Very much	4		political issues				
Total 52 100 1,928 100 2,157 100 20,919 100						,						52	•							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Freque	ncy D	istributior	IS				Sta	atistical	Comparis	sons ^k		
Education										NSSE 2016	5&			Y	our seniors c	ompared v	with	
				UND		Plains Public	Plus	Carnegie C	lass	2017		UND	Plains Pu	ıblic Plus	Carnegie	e Class	NSSE 2016	5 & 2017
Item wording	Variable													Effect		Effect		Effect
or description 15. About how many h	name ¹		Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size ⁿ
a. Preparing for class	tmprephrs	u in a i 0	0 hrs		ing: 0	9	0	9	0	82	0							
(studying, reading,		3	1-5 hrs	10	19		12	246	11	2,506	12							
writing, doing	(Recoded version	8	6-10 hrs	5	9	459	24	523	24	2,300 4,791	23							
homework or lab work,	of tmprep created by NSSE. Values	13	11-15 hrs	11	20		24	458	24	4,791	23							
analyzing data,	are estimated	15	16-20 hrs	11	20 24	409 381	21	438 398	18	4,433	18	16.7	15.0	.20	15.0	.20	15.3	.17
rehearsing, and other	number of hours	23	21-25 hrs	2	24	185	10	221	10	2,242	18	10.7	13.0	.20	15.0	.20	15.5	.17
academic activities)	per week.)	23	26-30 hrs	4	+ 7	105	6	132	6	1,359	6							
		28 33	More than 30 hrs	4	17		8	152	8	1,339	8							
		55	Total	54	100	1,930	100	2,155	100	20,983	100							
b. Participating in co-	tmcocurrhrs	0	0 hrs	24	45		40	886	41	8,642	41		-					
curricular activities		3	1-5 hrs	24	38		30	674	31	5,988	29							
(organizations, campus	(Recoded version	8	6-10 hrs	4	20	257	13	276	13	2,746	13							
publications, student	of tmcocurr created by NSSE.	13	11-15 hrs	4	4	113	6	143	13	1,452	7							
government, fraternity	Values are	18	16-20 hrs	2	2	109	6	87	4	978	5	3.4	5.2 *	24	4.6	18	5.1 *	23
or sorority,	estimated number	23	21-25 hrs	2	4	44	2	41	2	495	2	5.4	⊽	24	4.0	10	⊽	23
intercollegiate or intramural sports, etc.)	of hours per	28	26-30 hrs	0	0	20	1	22	1	236	1		v				v	
intraintară sports, etc.)	week.)	33	More than 30 hrs	0	0	34	2	22	1	392	2							
		55	Total	53	100	1,923	100	2,153	100	20,929	100							
c. Working for pay	tmworkonhrs	0	0 hrs	41	76	,	72	1,506	70	15,069	72							
on campus		3	1-5 hrs	5	9	81	4	98	5	1,170	6							
1	(Recoded version of tmworkon	8	6-10 hrs	2	4	140	. 7	146	7	1,767	8							
	created by NSSE.	13	11-15 hrs	4	. 7	139	7	145	7	1,183	6							
	Values are	18	16-20 hrs	2	4	121	6	191	9	1,137	5	2.2	3.6 *	21	4.0 *	25	3.4	18
	estimated number	23	21-25 hrs	0	0	32	2	48	2	338	2		⊽		▼	.20	2	
	of hours per	28	26-30 hrs	0	0	16	1	10	- 1	131	1		v		¥			
	week.)	33	More than 30 hrs	0	0	15	1	11	1	186	1							
		20	Total	54	100		100	2,157	100	20,981	100							
				5.	- 00	1,920	200	2,107	- 00	20,901	- 50							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	ncy D	istribution	S				St	atistical	Comparis	ons ^k		
Education														Ŷ	our seniors co	ompared v	vith	
							DI I	C		NSSE 2016	5&	UND	Distan D	h l'a Dhai	6	Class	NCCE 2010	0.2017
the second is a	Variable			UND		Plains Public	Plus	Carnegie Cl	ass	2017		UND	Plains Pu	Iblic Plus Effect	Carnegie	Effect	NSSE 2016	Effect
Item wording or description	name ¹	Values [*]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ⁿ	Mean	size ⁿ	Mean	size"
d. Working for pay	tmworkoffhrs	0	0 hrs	15	28	683	35	954	44	8,381	40							
off campus	(Recoded version	3	1-5 hrs	3	6	108	6	157	7	1,480	7							
	of tmworkoff	8	6-10 hrs	7	13	170	9	191	9	1,749	8							
	created by NSSE.	13	11-15 hrs	4	7	198	10	185	9	1,659	8							
	Values are	18	16-20 hrs	6	11	229	12	194	9	1,968	9	14.0	12.4	.14	10.1 *	.33	11.6	.19
	estimated number	23	21-25 hrs	8	15	172	9	144	7	1,438	7							
	of hours per week.)	28	26-30 hrs	3	6	115	6	93	4	1,169	6							
	week.)	33	More than 30 hrs	8	15	250	13	241	11	3,098	15							
			Total	54	100	1,925	100	2,159	100	20,942	100							
Estimated number of	tmworkhrs																	
hours working for pay	(Continuous variable created by NSSE)											16.2	15.9	.02	14.0	.18	15.0	.10
e. Doing community	tmservicehrs	0	0 hrs	20	37	810	42	822	38	8,574	41		-					
service or volunteer		3	1-5 hrs	25	46	805	42	935	43	8,219	39							
work	(Recoded version of tmservice	8	6-10 hrs	8	15	163	8	209	10	2,081	10							
	created by NSSE.	13	11-15 hrs	1	2	64	3	72	3	845	4							
	Values are	18	16-20 hrs	0	0	39	2	49	2	479	2	2.8	3.4	11	3.9 *	18	3.9 **	18
	estimated number	23	21-25 hrs	0	0	14	1	23	1	223	1				∇		∇	
	of hours per	28	26-30 hrs	0	0	5	0	12	1	126	1				•		•	
	week.)	33	More than 30 hrs	0	0	28	1	36	2	396	2							
			Total	54	100	1,928	100	2,158	100	20,943	100							
f. Relaxing and	tmrelaxhrs	0	0 hrs	2	4	40	2	52	2	655	3							
socializing (time with	(Recoded version	3	1-5 hrs	12	22	543	28	612	28	6,514	31							
friends, video games,	of tmrelax created	8	6-10 hrs	16	30	595	31	654	30	6,110	29							
TV or videos, keeping	by NSSE. Values	13	11-15 hrs	6	11	368	19	412	19	3,632	17							
up with friends online, etc.)	are estimated	18	16-20 hrs	11	20	209	11	196	9	2,068	10	11.5	10.1	.19	10.3	.15	9.9	.21
c.c.)	number of hours	23	21-25 hrs	5	9	97	5	96	4	899	4							
	per week.)	28	26-30 hrs	0	0	29	2	55	3	409	2							
		33	More than 30 hrs	2	4	48	2	77	4	684	3							
			Total	54	100	1,929	100	2,154	100	20,971	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequen	cy D	istribution	S				Sta	tistical	Compariso	ons ^k		
Education										NSSE 2016	5&			Ŷ	our seniors co	npared v	vith	
				UND		Plains Public	Plus	Carnegie Cl	ass	2017		UND	Plains Pu	blic Plus	Carnegie	Class	NSSE 2016	& 2017
Item wording	Variable													Effect		Effect		Effect
	name ¹ tmcarehrs	Values [®] 0	ⁿ Response options 0 hrs	Count 44	% 85	Count 1,323	% 69	Count 1,425	% 66	Count 12,964	<u>%</u> 62	Mean	Mean	size ⁿ	Mean	size "	Mean	size "
dependents (children,		3	1-5 hrs	44	8	1,525	9	241	11	2,331	11							
parents, etc.)	(Recoded version	8	6-10 hrs	3	6	62	3	88	4	998	5							
	of tmcare created by NSSE. Values	13	11-15 hrs	0	0	47	2	59	3	611	3							
	are estimated	18	16-20 hrs	0	0	45	2	41	2	494	2	1.3	5.9 ***	41	5.9 ***	41	6.9 ***	47
	number of hours	23	21-25 hrs	0	0	28	1	26	1	292	1	110	5.5 T	.41	▼		▼	,
	per week.)	28	26-30 hrs	0	0	17	1	22	1	217	1				•		•	
		33	More than 30 hrs	1	2	239	12	258	12	3,036	14							
		00	Total	52	100	1,926	100	2,160	100	20,943	100							
h. Commuting to campus	tmcommutehrs	0	0 hrs	6	11	351	18	264	12	4,772	23							
(driving, walking, etc.)		3	1-5 hrs	45	83	1,145	59	1,208	56	10,335	49							
	(Recoded version of tmcommute	8	6-10 hrs	1	2	271	14	419	19	3,497	17							
	created by NSSE.	13		2	-	82	4	148	7	1,194	6							
	Values are	18	16-20 hrs	0	0	33	2	47	2	456	2	3.1	4.5 ***	26	5.5 ***	40	5.0 ***	30
	estimated number	23	21-25 hrs	0	0	10	1	23	1	189	1	5.1		20		40		50
	of hours per week.)		26-30 hrs	0	0		-	23 9					∇		▼		∇	
	week.)	28				10	1		0	123	1							
		33	More than 30 hrs	0	0	28	1	43	2	421	2							
			Total	54	100	1,930	100	2,161	100	20,987	100							
16. Of the time you spe	end preparing for	r class i	n a typical 7-day week	, about how 1	nuch	is on <i>assigne</i>	d read	ding?										
	reading	1	Very little	6	11	229	12	259	12	2,536	12							
		2	Some	20	37	551	29	562	26	5,831	28							
		3	About half	13	24	574	30	623	29	6,209	30	2.8	2.9	07	2.9	13	2.9	08
		4	Most	10	19	410	21	507	23	4,587	22							
		5	Almost all	5	9	163	8	211	10	1,842	9							
			Total	54	100	1,927	100	2,162	100	21,005	100							
	tmreadinghrs																	
(m. 1																		
of tmprephrs ba.	able created by NSSE sed on reading, where t half=.50; Most=.75	e Very li										7.8	7.2	.11	7.5	.05	7.5	.06



Frequencies and Statistical Comparisons: Education

University of North Dakota

Seniors ^a in						Frequer	ncy D	istribution	S				Sta	atistical	Compari	sons ^k		
Education			UND		Plains Public	Plus	Carnegie Cl	ass	NSSE 2016 2017	5&	UND	Plains Pu		our seniors o Carnegi	,	with NSSE 201	.6 & 2017	
Item wording or description	Variable name ^I	Values'	^m Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
or description	tmreadinghrscol	1	0 hrs	0	<i>7</i> 0	8	0	9	0	81	0	Wear	Weun	3120	Weun	5120	Weun	3120
	(Collapsed version of tmreadinghrs	2	More than zero, up to 5 hrs	25	46	912	47	950	44	9,521	46							
	created by NSSE.)	3	More than 5, up to 10 hrs	15	28	555	29	659	31	6,199	30							
		4	More than 10, up to 15 hrs	4	7	213	11	247	11	2,328	11							
		5	More than 15, up to 20 hrs	6	11	136	7	151	7	1,407	7							
		6	More than 20, up to 25 hrs	4	7	73	4	84	4	941	5							
		7	More than 25 hrs	0	0	25	1	48	2	434	2							
			Total	54	100	1,922	100	2,148	100	20,911	100							
17. How much has yo	ur experience at th	nis inst	itution contributed to	your knowled	lge, sk	ills, and per	sonal	developmen	t in th	e following	areas?	•						
a. Writing clearly and	pgwrite	1	Very little	5	9	112	6	107	5	974	5							
effectively		2	Some	13	24	510	26	484	22	4,520	22							
		3	Quite a bit	23	43	769	40	847	39	8,322	40	2.8	2.9	09	3.0	23	3.0	25
		4	Very much	13	24	535	28	722	33	7,171	34							
			Total	54	100	1,926	100	2,160	100	20,987	100							
b. Speaking clearly and	pgspeak	1	Very little	7	13	124	6	110	5	1,121	5							
effectively		2	Some	9	17	455	24	474	22	4,473	21							
		3	Quite a bit	25	46	792	41	873	40	8,145	39	2.8	2.9	12	3.0	22	3.0	24
		4	Very much	13	24	554	29	706	33	7,260	35							
			Total	54	100	1,925	100	2,163	100	20,999	100							
c. Thinking critically and	l pgthink	1	Very little	2	4	41	2	49	2	432	2							
analytically		2	Some	8	15	296	15	273	13	2,700	13							
		3	Quite a bit	23	43	833	43	876	41	8,394	40	3.2	3.2	04	3.3	14	3.3	15
		4	Very much	21	39	755	39	964	45	9,483	45							
			Total	54	100	1,925	100	2,162	100	21,009	100							
d. Analyzing numerical	pganalyze	1	Very little	11	20	356	18	431	20	3,835	18							
and statistical information		2	Some	24	44	753	39	735	34	7,348	35							
mormation		3	Quite a bit	13	24	522	27	597	28	5,733	27	2.3	2.4	14	2.4	18	2.5	22
		4	Very much	6	11	295	15	397	18	4,080	19							
			Total	54	100	1,926	100	2,160	100	20,996	100							

NSSE 2017 MAJOR FIELD REPORT, PART II • 42



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	ncy D	istribution	S				Sta	atistical	Compari	sons ^k		
Education										NSSE 2016				Ŷ	our seniors c	ompared v	vith	
			UND		Plains Public	Plus	Carnegie Cl	ass	2017		UND	Plains Pu	ublic Plus	Carnegi	e Class	NSSE 201	6 & 2017	
Item wording	Variable								-				Effect		Effect		Effect	
or description	name '	Values'		Count	% 4	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
 Acquiring job- or work- related knowledge and 	pgwork	1	Very little	2	-	76	4	84	4	918	4							
skills		2	Some	5	9	328	17	384	18	3,422	16	3.2						
		3	Quite a bit	25	47	679	35	760	35	7,116	34	3.2	3.2	.04	3.2	.06	3.2	.02
		4	Very much	21	40	847	44	934	43	9,562	45							
C			Total	53	100	1,930	100	2,162	100	21,018	100		_					
f. Working effectively with others	pgothers	1	Very little	5	9		3	58	3	679	3							
with others		2	Some	4	7	331	17	333	15	3,383	16	2.2						
		3	Quite a bit	22	41	751	39	832	39	7,845	37	3.2	3.2	02	3.2	07	3.2	05
		4	Very much	23	43		41	937	43	9,087	43							
D			Total	54	100	1,926	100	2,160	100	20,994	100							
 g. Developing or clarifying a personal 	pgvalues	1	Very little	4	7		8	171	8	1,531	7							
code of values and		2	Some	10	19		26	452	21	4,312	21	2.0						
ethics		3	Quite a bit	22	41	694	36	771	36	7,457	36	3.0	2.9	.13	3.0	.01	3.0	02
		4	Very much	18	33		30	767	35	7,701	37							
1 77 1 4 1 1		1	Total	54	100	1,926	100	2,161	100	21,001	100							
 h. Understanding people of other backgrounds 	pgdiverse	1	Very little	3	6		7	145	7	1,339	6							
(economic,		2	Some	8	15		27	512	24	4,891	23	2.1						
racial/ethnic, political,		3	Quite a bit	21	39		37	784	36	7,602	36	3.1	2.9 *	.30	3.0	.20	3.0	.18
religious, nationality,		4	Very much	22	41	555	29	721	33	7,161	34							
etc.)		1	Total	54	100	1,928	100	2,162	100	20,993	100							
 Solving complex real- world problems 	pgprobsolve	1	Very little	3	6		8	151	7	1,587	8							
worke problems		2	Some	13	24		29	601 824	28	5,531	26	2.0		• •			• •	
		3	Quite a bit	20	37 33	745 473	39 25	824 586	38	7,716 6,168	37 20	3.0	2.8	.20	2.9	.14	2.9	.11
		4	Very much	18					27		29							
j. Being an informed and	nositinar	1	Total	54 8	100	1,923 189	100	2,162	100	21,002	100							
 Being an informed and active citizen 	pgcitizen	1	Very little		15		10		9		9							
		2	Some	16	30	605	32	620 748	29 25	5,893	28	26		07	•		•	
		3	Quite a bit	17	31	699 424	36	748	35	7,206	34	2.6	2.7	07	2.8	17	2.8	17
		4	Very much	13	24	424	22	597	28	5,897 20.052	28							
			Total	54	100	1,917	100	2,158	100	20,952	100							



Frequencies and Statistical Comparisons: Education

Seniors ^a in						Frequer	ncy D	istribution	IS				St	atistical	Comparis	ons ^k		
Education														Y	our seniors co	ompared v	vith	
Luucation										NSSE 2016	5&							
				UND		Plains Public	: Plus	Carnegie Cl	ass	2017		UND	Plains Pu	ublic Plus	Carnegie	Class	NSSE 2016	5 & 2017
Item wording	Variable													Effect		Effect		Effect
or description	name	Values	^m Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
18. How would you eva	luate your enti	re educa	ational experience at th	is institution	?													
	evalexp	1	Poor	1	2	43	2	36	2	369	2							
		2	Fair	10	19	180	9	182	8	1,984	9							
		3	Good	23	43	846	44	918	42	8,637	41	3.1	3.3	22	3.4 *	30	3.3 *	28
		4	Excellent	20	37	857	44	1,029	48	10,016	48				∇		∇	
			Total	54	100	1,926	100	2,165	100	21,006	100							
19. If you could start ov	ver again, woul	d you go	o to the same institution	<i>i</i> you are nov	v atte	ending?												
	sameinst	1	Definitely no	2	4	65	3	68	3	778	4							
		2	Probably no	13	24	206	11	214	10	2,183	10							
		3	Probably yes	19	35	697	36	788	36	7,466	35	3.1	3.3 *	34	3.3 **	37	3.3 *	34
		4	Definitely yes	20	37	960	50	1,100	51	10,636	50		•		•		•	
			Total	54	100	1,928	100	2,170	100	21,063	100							



Respondent Profile: Education

Edu	ucation					First-\	'ear	Students	а						Seni	ors ^a			
										NSSE 2016	i &							NSSE 2016	6 &
				UND		Plains Public	Plus	Carnegie Cl	ass	2017		UND		Plains Public	Plus	Carnegie C	lass	2017	
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
-	How many majors do	MAJnum	One	37	70		83	1,358	83	13,348	79	36	67		78	1,813	83	16,383	78
	you plan to complete?		More than one	16	30	240	17	270	17	3,617	21	18	33	,	22	361	17	4,728	22
	(Do not count minors.)		Total	53	100	1,379	100	1,628	100	16,965	100	54	100		100	2,174	100	21,111	100
-	First major or expected	MAJfirstcol	Arts & Humanities	2	4	19	1	32	2	417	2	2	4	24	1	34	2	461	2
	first major, in NSSE's default related-major	(Recoded from MAJfirst.)	Biological Sci., Agriculture, & Natural Resources	0	0	5	0	8	0	93	1	1	2	13	1	8	0	97	0
	categories. (This does not reflect	WAJIISt.)	Physical Sci., Mathematics, & Computer Science	0	0	7	1	17	1	99	1	1	2		0	10	0	130	1
	any customization		Social Sciences	1	2	10	1	12	1	153	1	0	0	í í	0	20	1	217	1
	made for the Major		Business	1	2	5	0	4	0	132	1	0	0	6	0	12	1	139	1
	Field Report.)		Communications, Media, & Public Relations	0	0	2	0	5	0	39	0	0	0	1	0	1	0	20	0
			Education	47	89	1,279	93	1,400	86	14,472	85	50	93	,	90	1,872	86	18,195	86
			Engineering	0	0	0	0	5	0	22	0	0	0	1	0	1	0	10	0
			Health Professions	0	0	5	0	7	0	112	1	0	0	6	0	5	0	118	1
			Social Service Professions	0	0	3	0	3	0	32	0	0	0	2	0	4	0	40	0
			All Other	2	4	44	3	135	8	1,385	8	0	0	118	6	204	9	1,673	8
			Undecided, Undeclared	0	0	0	0	0	0	7	0	0	0	1	0	1	0	4	0
			Total	53	100	1,379	100	1,628	100	16,963	100	54	100	1,935	100	2,172	100	21,104	100
	Second major or	MAJsecondcol	Arts & Humanities	1	6	41	17	51	19	561	16	3	17	40	10	66	18	711	15
	expected second major, in NSSE's default	(Recoded from MAJsecond.)	Biological Sci., Agriculture, & Natural Resources	0	0	3	1	6	2	46	1	0	0	14	3	7	2	58	1
	related-major categories.	,	Physical Sci., Mathematics, & Computer Science	1	6	5	2	10	4	100	3	0	0		4	17	5	135	3
	(This does not reflect		Social Sciences	3	19	11	5	22	8	281	8	0	0	20	5	16	4	315	7
	any customization		Business	0	0	4	2	9	3	153	4	0	0	4	1	2	1	108	2
	made for the Major Field Report.)		Communications, Media, & Public Relations	0	0	0	0	7	3	44	1	0	0	0	0	3	1	31	1
	ried Report.)		Education	9	56	159	67	138	52	2,038	57	12	67	297	71	204	57	2,885	61
			Engineering	0	0	0	0	0	0	3	0	0	0	0	0	2	1	6	0
			Health Professions	0	0	5	2	2	1	70	2	2	11	11	3	12	3	88	2
			Social Service Professions	0	0	5	2	4	1	55	2	0	0	1	0	2	1	33	1
			All Other	1	6	4	2	18	7	220	6	1	6	13	3	21	6	272	6
			Undecided, Undeclared	1	6	2	1	0	0	32	1	0	0	3	1	5	1	51	1
			Total	16	100	239	100	267	100	3,603	100	18	100	418	100	357	100	4,693	100



Respondent Profile: Education

U	ni	ive	rsity	y of	Ν	ort	h C)a	kota
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Ed	ucation					First-Y	'ear	Students	а						Seni	ors ^a			
										NSSE 2016	i &							NSSE 2016	õ &
				UND		Plains Public	Plus	Carnegie Cl	ass	2017		UND		Plains Public	Plus	Carnegie C	lass	2017	
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21.	What is your class	class	Freshman/First-year	49	94		87	1,474	91	14,778	88	0	0		0	4	0	47	0
	level?		Sophomore	3	6	· · · · ·	10	108	7	1,675	10	0	0	16	1	12	1	150	1
			Junior	0	0	21	2	26	2	243	1	6	11		9	159	7	1,600	8
			Senior	0	0	1	0	6	0	48	0	46	85	1,671	87	1,953	90	18,625	89
			Unclassified	0	0	16	1	8	0	140	1	2	4	61	3	33	2	572	3
			Total	52	100	1,372	100	1,622	100	16,884	100	54	100	1,924	100	2,161	100	20,994	100
22.	Thinking about this	fulltime	No	1	2	39	3	29	2	530	3	2	4	173	9	250	12	2,685	13
	current academic term,		Yes	52	98	1,324	97	1,586	98	16,242	97	52	96	1,742	91	1,904	88	18,186	87
	are you a full-time		Total	53	100	1,363	100	1,615	100	16,772	100	54	100	1,915	100	2,154	100	20,871	100
	student?																		
23a.	How many courses are	coursenum	0	0	0	2	0	2	0	64	0	0	0	41	2	21	1	663	3
	you taking for credit		1	0	0	3	0	0	0	171	1	2	4	215	11	253	12	2,250	11
	this current academic term?		2	0	0	11	1	6	0	206	1	6	11	233	12	325	15	3,094	15
	term?		3	1	2	19	1	21	1	496	3	9	17	145	8	194	9	2,508	12
			4	4	8	216	16	229	14	3,276	19	8	15	272	14	429	20	4,090	19
			5	25	47	555	40	713	44	6,603	39	9	17	429	22	432	20	3,762	18
			6	15	28	321	23	409	25	3,388	20	12	22	235	12	239	11	2,107	10
			7 or more	8	15	245	18	242	15	2,680	16	8	15	356	18	267	12	2,534	12
			Total	53	100	1,372	100	1,622	100	16,884	100	54	100	1,926	100	2,160	100	21,008	100
b.	Of these, how many are	onlinenum	0	47	90	1,006	74	1,297	81	13,040	78	35	65	1,191	62	1,586	74	14,541	70
	entirely online ?		1	4	8	257	19	230	14	2,317	14	16	30	447	23	344	16	3,455	17
			2	1	2	62	5	52	3	658	4	2	4	123	6	127	6	1,232	6
			3	0	0	21	2	13	1	228	1	0	0	59	3	44	2	622	3
			4	0	0	9	1	7	0	280	2	0	0	37	2	27	1	482	2
			5	0	0	5	0	7	0	81	0	1	2	20	1	9	0	151	1
			6	0	0	4	0	2	0	63	0	0	0	13	1	7	0	151	1
			7 or more	0	0	1	0	1	0	132	1	0	0	26	1	6	0	271	1
			Total	52	100	1,365	100	1,609	100	16,799	100	54	100	1,916	100	2,150	100	20,905	100
	Collapsed recode of	onlinecrscol	No courses taken online	47	90	· · · · ·	74	1,297	81	13,040	78	35	65	,	62	1,586	74	14,541	70
	courses taken online		Some courses taken online	5	10	· · · ·	25	297	18	2,890	17	18	33		29	463	22	4,186	20
	(Based on responses to		All courses taken online	0	0		2	15	1	869	5	1	2	164	9	101	5	2,177	10
	coursenum and		Total	52	100		100	1.609	100	16,799	100	54	100	1,916	100	2,150	100	20,904	100
	onlinenum.)			02	100	-,- 00		-,	200	,. //		01	2.00	-,, 10	200	_,		,	



Respondent Profile: Education University of North Dakota

	weatter								-							а			
EC	ucation					First-Y	ear	Students							Seni	ors ^a			
										NSSE 2016	5&							NSSE 2016	5&
				UND		Plains Public	Plus	Carnegie C	lass	2017		UND		Plains Public	Plus	Carnegie C	ass	2017	
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	0/
24.	What have most of your	grades	C- or lower	Count 1	2	Count 18	70	Count 23	70	221	1	0			70	4	0	37	<u>%</u> 0
	grades been up to now	8	C	0	0	25	2	31	2	351	2	0	0	19	1	16	1	148	1
	at this institution?		C+	1	2	49	4	66	4	625	4	0	0	19	1	33	2	334	2
			B-	1	2	63	5	81	5	956	6	1	2	48	2	55 71	3	672	3
			B	11	21	246	18	256	16	2,771	16	6	11	263	14	272	13	2,428	12
			B B+	6	11		17	314	10	3,229	10	9	17	203	14	332	15	3,294	16
			А-	17	32		19	353	22	3,681	22	1	7	409	21	511	24	4,893	23
			A-	17	30		34	498	31	5,081	30	4 34	63	409 880	46	912	42	4,893 9,164	23 44
			A Total	53	100		100	1,622	100	16,847	100	54 54	100	1,924	40 100	2,151	42 100	20,970	100
25.	Did you begin college	begincol	Started here	49	92	,	90	1,622	92	15,192	90	40	74	,	55	1,229	57	11,434	55
25.	at this institution or	begineor	Started elsewhere	49	92	1,230	90 10	1,487	92	1,647	90 10	40 14	26	,	35 45	919	43	9,511	
	elsewhere?		Total				100		-	,					43 100			,	45 100
26.	Since graduating from	attend_voc	Vocational or technical school	53	100			1,620	100	16,839	100	54	100	,		2,148	100	20,945	
20.	high school, which of	attend_com		1	2		2	30	2	545	3	1	2		5	86	4	1,267	6
	the following types of	attend_coll	Community or junior college	3	6	134	10	138	9	1,453	9	8	15	786	41	882	41	8,492	41
	schools have you attended <i>other than</i> the	_	4-year college or university other than this one	4	8	96	7	99	6	1,422	8	11	20		28	487	23	5,187	25
	one you are now	attend_none	None	42	79	,	80	1,332	83	13,326	79	36	67	767	40	944	44	8,714	42
	attending? (Select all	attend_other	Other	3	6	36	3	42	3	465	3	3	6	53	3	51	2	568	3
	that apply.)																		
27.	What is the highest level of education you	edaspire	Some college but less than a bachelor's degree	5	10	79	6	83	5	1,164	7	1	2	126	7	154	7	1,339	6
	ever expect to		Bachelor's degree (B.A., B.S., etc.)	16	31	511	37	540	33	5,296	32	8	15	514	27	563	26	5,256	25
	complete?		Master's degree (M.A., M.S., etc.)	28	54	656	48	830	51	8,619	51	40	75	1,074	56	1,135	53	11,426	55
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	3	6	119	9	162	10	1,713	10	4	8	207	11	298	14	2,926	14
			Total	52	100	1,365	100	1,615	100	16,792	100	53	100	1,921	100	2,150	100	20,947	100



Respondent Profile: Education University of North Dakota

Education					First-Y	'ear	Students	а			Seniors ^a									
										NSSE 2016	i &							NSSE 2010	6 &	
				UND		Plains Public	Plus	Carnegie C	lass	2017		UND		Plains Public	Plus	Carnegie C	lass	2017		
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
28.	What is the highest	parented	Did not finish high school	0	0		4	49	3	764	5	1	2	45	2	99	5	1,122		
	level of education		High school diploma or G.E.D.	4	8	208	15	223	14	3,055	18	4	7	315	16	358	17	4,191	20	
	completed by either of your parents (or those		Attended college, but did not complete degree	3	6	165	12	165	10	1,973	12	5	9	213	11	232	11	2,397	11	
	who raised you)?		Associate's degree (A.A., A.S., etc.)	6	12	168	12	168	10	1,769	11	10	19	288	15	213	10	2,480	12	
			Bachelor's degree (B.A., B.S., etc.)	24	46	435	32	499	31	4,877	29	26	48	628	33	669	31	5,872	28	
			Master's degree (M.A., M.S., etc.)	14	27	295	22	414	26	3,492	21	7	13	338	18	447	21	3,861	18	
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	1	2	44	3	94	6	817	5	1	2	89	5	126	6	974	5	
			Total	52	100	1,365	100	1,612	100	16,747	100	54	100	1,916	100	2,144	100	20,897	100	
	First-generation status (Neither parent holds a bachelor's degree.)	firstgen	Not first-generation	39	75	774	57	1,007	62	9,186	55	34	63	1,055	55	1,242	58	10,707	51	
		(Recoded from parented.)	First-generation	13	25	591	43	605	38	7,561	45	20	37	861	45	902	42	10,190	49	
		purchiculy	Total	52	100	1,365	100	1,612	100	16,747	100	54	100	1,916	100	2,144	100	20,897	100	
29.	What is your gender	genderid	Man	8	15	270	20	337	21	3,578	21	6	11	434	23	432	20	4,276	20	
	identity?		Woman	44	83	1,081	79	1,263	78	13,031	78	47	87	1,461	76	1,692	79	16,395	78	
			Another gender identity	0	0	8	1	7	0	88	1	0	0	8	0	11	1	74	0	
			I prefer not to respond	1	2	7	1	8	0	110	1	1	2	17	1	17	1	205	1	
			Total	53	100	1,366	100	1,615	100	16,807	100	54	100	1,920	100	2,152	100	20,950	100	
30.	Enter your year of birth	agecat	19 or younger	51	96	1,253	92	1,509	94	14,709	88	0	0	5	0	6	0	77	0	
	(e.g., 1994):	(Recoded	20-23	0	0	64	5	77	5	1,059	6	44	81	1,349	71	1,484	69	13,820	66	
		from the	24-29	1	2	18	1	8	0	331	2	8	15	293	15	355	17	3,107	15	
		information	30-39	1	2	13	1	6	0	323	2	1	2	178	9	163	8	2,031	10	
		entered in	40-55	0	0	11	1	8	0	269	2	0	0	81	4	112	5	1,547	7	
		birthyear.)	Over 55	0	0	1	0	0	0	29	0	1	2	7	0	16	1	215	1	
			Total	53	100	1,360	100	1,608	100	16,720	100	54	100	1,913	100	2,136	100	20,797	100	
31a.	Are you an	internat	No	52	100	1,350	99	1,589	99	16,397	98	54	100	1,890	99	2,110	99	20,529	99	
	international student?		Yes	0	0	11	1	21	1	286	2	0	0	18	1	21	1	256	1	
			Total	52	100	1,361	100	1,610	100	16,683	100	54	100	1,908	100	2,131	100	20,785	100	
	[If answered "yes"]	countrycol	Africa Sub-Saharan	0	0	0	0	0	0	10	4	0	0	0	0	0	0	8	4	
	Country of citizenship,		Asia	0	0	1	11	13	65	106	41	0	0	3	23	4	22	62	28	
	collapsed into regions (Recoded from		Canada	0	0	3	33	3	15	23	9	0	0	2	15	1	6	18	8	
	by NSSE. Responses to	country.)	Europe	0	0	3	33	3	15	53	21	0	0	2	15	4	22	49	22	
	<i>country</i> are in the data file.		Latin America and Caribbean	0	0	0	0	1	5	49	19	0	0	4	31	6	33	63	28	
			Middle East and North Africa	0	0	2	22	0	0	7	3	0	0	0	0	1	6	3	1	
			Oceania	0	0	0	0	0	0	8	3	0	0	2	15	2	11	22	10	
			Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Total	0	0	9	100	20	100	256	100	0	0	13	100	18	100	225	100	

NSSE 2017 MAJOR FIELD REPORT, PART II • 48



Respondent Profile: Education

Ed	ucation					First-Y	'ear	Students	а						Seni	ors ^a			
										NSSE 2016	i &							NSSE 201	ō &
				UND	Р	lains Public	Plus	Carnegie Cl	lass	2017		UND		Plains Public	Plus	Carnegie Cl	ass	2017	
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32.	What is your racial or	re_amind	American Indian or Alaska Native	0	0	40	3	28	2	361	2	1	2		2	36	2	389	2
	ethnic identification?	re_asian	Asian	1	2	23	2	47	3	624	4	0	C	34	2	56	3	613	3
	(Select all that apply.)	re_black	Black or African American	1	2	37	3	119	7	1,515	9	0	C	46	2	154	7	1,565	7
		re_latino	Hispanic or Latino	0	0	75	5	197	12	1,808	11	1	2	65	3	232	11	2,031	10
		re_pacific	Native Hawaiian or Other Pacific Islander	0	0	4	0	8	0	121	1	0	C	6	0	14	1	135	1
		re_white	White	51	96	1,229	90	1,282	79	13,115	78	50	93	1,743	91	1,703	79	16,483	79
		re_other	Other	0	0	7	1	13	1	211	1	0	C	15	1	26	1	286	1
		re_pnr	I prefer not to respond	0	0	17	1	30	2	331	2	2	4	56	3	63	3	665	3
	Racial or ethnic	re_all	American Indian or Alaska Native	0	0	17	1	8	0	87	1	1	2	2 17	1	7	0	113	1
	identification	(Recoded from	Asian	1	2	15	1	37	2	424	3	0	C	17	1	30	1	402	2
		re_amind to	Black or African American	1	2	25	2	100	6	1,201	7	0	C	32	2	131	6	1,316	6
		re_pnr	Hispanic or Latino	0	0	50	4	134	8	1,281	8	1	2	35	2	172	8	1,527	7
		where each	Native Hawaiian/Other Pac. Islander	0	0	1	0	3	0	35	0	0	C) 3	0	7	0	56	0
		student is represented only	White	51	96	1,173	86	1,191	74	12,136	72	50	93	1,673	87	1,592	74	15,508	74
		once.)	Other	0	0	4	0	9	1	115	1	0	C) 9	0	18	1	171	1
			Multiracial	0	0	62	5	102	6	1,134	7	0	C	74	4	125	6	1,115	5
			I prefer not to respond	0	0	17	1	30	2	331	2	2	4	56	3	63	3	665	3
			Total	53	100	1,364	100	1,614	100	16,744	100	54	100	1,916	100	2,145	100	20,873	100
33.	Are you a member of a	greek	No	47	89	1,180	87	1,409	87	15,112	90	49	91	1,736	91	1,883	88	18,682	89
	social fraternity or		Yes	6	11	183	13	206	13	1,643	10	5	9	181	9	263	12	2,216	11
	sorority?		Total	53	100	1,363	100	1,615	100	16,755	100	54	100	1,917	100	2,146	100	20,898	100
34.	Which of the following	living	Residence hall, dormitory or other	48	91	1,031	76	1,231	77	11,444	68	6	11	233	12	165	8	3,448	17
	best describes where you are living while		camp.	0	0	17			1		1	0		20		22			1
	attending college?		Fraternity or sorority house Residence (house, apartment, etc.)	0	0	17	1	11	1	86	1	0	(28	1	22	1	217	1
	uttending conege.		within walking distance to the	1	2	77	6	94	6	925	6	14	26	545	29	689	32	4,694	23
			institution															,	
			Residence (house, apartment, etc.)																
			<i>farther than walking distance</i> to the institution	3	6	212	16	237	15	3,468	21	33	61		54	1,167	54	11,025	53
			None of the above	1	2	21	2	36	2	786	5	1	2		4	101	5	1,452	7
			Total	53	100	1,358	100	1,609	100	16,709	100	54	100	,	100	2,144	100	20,836	100
35.	Are you a student-	athlete	No	49	92	1,254	93	1,512	94	14,629	88	52	98	1,773	93	2,058	96	19,234	92
	athlete on a team		Yes	4	8	99	7	94	6	2,072	12	1	2	135	7	75	4	1,565	8
	sponsored by your institution's athletics department?		Total	53	100	1,353	100	1,606	100	16,701	100	53	100	1,908	100	2,133	100	20,799	100



Respondent Profile: Education

Ed	ucation					First-Y	'ear	Students	а					9	Seni	ors ^a			
		n Variable n name Response options purrent or veteran No nber of the Yes 1 Forces, Total r National een disability No with any Yes r I prefer not to respond ? Total								NSSE 2016	8							NSSE 2016	6&
				UND		Plains Public	Plus	Carnegie Cl	lass	2017		UND		Plains Public	Plus	Carnegie Cl	ass	2017	
	Item wording or description		Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
36.	Are you a current or			51	96		99	1,595	99	16,550	99	54	100		97	2,073	97	20,214	97
	former member of the			2	4	1,510	1	1,050	1	10,000	1	0	0	60	3	66	3	586	3
	U.S. Armed Forces,			53	100	1.362	100	1.611	100	16,721	100	54	100	1,903	100	2,139	100	20,800	100
	Reserves, or National Guard?					-,		-,						-,,		_,		,	
37a.	Have you been	disability	No	50	94	1,158	85	1,350	84	14,066	84	48	89	1,667	87	1,797	84	17,818	85
	diagnosed with any		Yes	3	6	171	13	211	13	2,134	13	4	7	191	10	290	14	2,458	12
	disability or		I prefer not to respond	0	0	32	2	50	3	561	3	2	4	57	3	57	3	623	3
	impairment?			53	100	1,361	100	1,611	100	16,761	100	54	100	1,915	100	2,144	100	20,899	100
b	[<i>If answered "yes"</i>] Which of the following	dis_sense	A sensory impairment (vision or hearing)	0	0	31	18	33	16	292	14	0	0	21	11	35	12	292	12
	has been diagnosed?	dis_mobility	A mobility impairment	0	0	5	3	7	3	89	4	0	0	14	7	24	8	193	8
	(Select all that apply.)	dis_learning	A learning disability (e.g., ADHD, dyslexia)	3	100	68	40	82	39	996	47	1	25	77	41	120	41	1,123	46
		dis_mental	A mental health disorder	1	33	79	46	103	49	903	43	2	50	76	40	125	43	896	37
		dis_other	A disability or impairment not listed above	0	0	24	14	32	15	315	15	2	50	34	18	51	18	473	19
	Disability or	disability_all	A sensory impairment	0	0	24	2	24	1	193	1	0	0	17	1	19	1	176	1
	impairment	(Recoded from	A mobility impairment	0	0	3	0	4	0	45	0	0	0	10	1	11	1	106	1
		disability and	A learning disability	2	4	43	3	53	3	694	4	0	0	59	3	82	4	812	4
		dis_sense to	A mental health disorder	0	0	51	4	67	4	589	4	1	2	54	3	89	4	575	3
		dis_other where each student is	A disability or impairment not listed	0	0	16	1	20	1	198	1	2	4	19	1	33	2	316	2
		represented only	mpannen	1	2	33	2	42	3	403	2	1	2	30	2	56	3	456	2
		once.)	No disability or impairment	50	94	1,158	85	1,350	84	14,066	84	48	89	1,667	87	1,797	84	17,818	85
			Prefer not to respond	0	0	32	2	50	3	561	3	2	4	57	3	57	3	623	3
			Total	53	100	1,360	100	1,610	100	16,749	100	54	100	1,913	100	2,144	100	20,882	100
38.	Which of the following	sexorient17	Straight (heterosexual)	48	91	443	93	975	88	9,441	88	48	89	677	91	1,303	90	11,570	90
	best describes your		Bisexual	2	4	14	3	53	5	488	5	2	4	21	3	42	3	380	3
	sexual orientation?		Gay	0	0	2	0	14	1	103	1	0	0	4	1	18	1	134	1
			Lesbian	0	0	3	1	11	1	103	1	1	2	12	2	15	1	123	1
			Queer	0	0	0	0	5	0	44	0	1	2	1	0	7	0	56	0
			Questioning or unsure	0	0	3	1	14	1	137	1	0	0	3	0	7	0	53	0
			Another sexual orientation	0	0	2	0	18	2	125	1	0	0	5	1	16	1	107	1
			I prefer not to respond	3	6	10	2	19	2	285	3	2	4	22	3	34	2	479	4
			Total	53	100	477	100	1,109	100	10,726	100	54	100	745	100	1,442	100	12,902	100



Respondent Profile: Education

Education					First-Y	'ear	Students	а		Seniors ^a								
									NSSE 2016	8							NSSE 201	.6 &
			UND		Plains Public Plus		Carnegie C	lass	2017		UND		Plains Public Plus Carnegie Cl			lass	2017	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	9
itution-reported inf	formation	· ·																-
ables provided by your ins	stitution in your NS	SE population file.)																
Institution-reported:	IRsex	Female	45	85	1,102	80	1,284	79	13,302	78	47	87	1,482	77	1,724	79	16,702	7
Sex		Male	8	15	277	20	344	21	3,661	22	7	13	453	23	450	21	4,407	2
		Total	53	100	1,379	100	1,628	100	16,963	100	54	100	1,935	100	2,174	100	21,109	10
Institution-reported:	IRrace	American Indian or Alaska Native	0	0	15	1	3	0	82	1	1	2	24	1	7	0	130	
Race or ethnicity		Asian	1	2	11	1	24	2	326	2	0	0	19	1	24	1	364	
		Black or African American	1	2	21	2	94	7	1,134	7	0	0	33	2	102	6	1,276	
		Hispanic or Latino	0	0	73	6	173	12	1,537	10	0	0	63	4	190	10	1,743	
		Native Hawaiian/Other Pac. Islander	0	0	1	0	1	0	25	0	0	0) 1	0	3	0	34	
		White	51	96	1,102	86	1,062	75	11,192	73	49	91	1,577	88	1,415	77	14,289	7
		Other	0	0	0	0	0	0	9	0	0	0) 0	0	0	0	2	
		Foreign or nonresident alien	0	0	8	1	19	1	176	1	0	0	10	1	14	1	164	
		Two or more races/ethnicities	0	0	33	3	31	2	503	3	2	4	35	2	41	2	515	
		Unknown	0	0	15	1	15	1	422	3	2	4	33	2	35	2	625	
		Total	53	100	1,279	100	1,422	100	15,406	100	54	100	1,795	100	1,831	100	19,142	10
Institution-reported:	IRclass	Freshman/First-Year	53	100	1,379	100	1,628	100	16,965	100	0	0	0 0	0	0	0	0	
Class level		Sophomore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Junior	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	
		Senior	0	0	0	0	0	0	0	0	54	100	1,935	100	2,174	100	21,111	10
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Total	53	100	1,379	100	1,628	100	16,965	100	54	100	1,935	100	2,174	100	21,111	10
Institution-reported:	IRftfy	Not first-time first-year	1	2	151	11	118	7	2,239	13	54	100	1,918	99	2,164	100	21,013	10
First-time first-year (FTFY) student		First-time first-year	52	98	1,228	89	1,510	93	14,726	87	0	0) 17	1	10	0	98	
(FIFY) student		Total	53	100	1,379	100	1,628	100	16,965	100	54	100	1,935	100	2,174	100	21,111	10
Institution-reported:	IRenrollment	Not full-time	2	4	46	3	31	2	576	3	2	4	244	13	264	12	2,663	1
Enrollment status		Full-time	51	96	1,333	97	1,597	98	16,389	97	52	96	5 1,691	87	1,910	88	18,448	8
		Total	53	100	1,379	100	1,628	100	16,965	100	54	100	1,935	100	2,174	100	21,111	10



Endnotes: Education

University of North Dakota

Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean +/- 1.96 * SEM.
- d. A percentile is the point in the distribution of student-level El scores at or below which a given percentage of El scores fall.
- e. Degrees of freedom used to compute the t-tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance: *p < .05, **p < .01, ***p < .01 (2-tailed).
- g. Cohen's *d*: The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. Percentage point differences (institution comp. group) rounded to whole numbers. Values less than one may not display a bar and may be shown as +0 or -0. *p < .05, **p < .01, ***p < .001 (*z*-test comparing participation rates).
- j. Cohen's *h*: The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. 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.
- 1. Items that 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 and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. 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.
- n. Effect size for independent t-tests uses Cohen's d; z-tests use Cohen's h.
- o. Statistical comparison uses z-test to compare the percentage who responded "Done or in progress."

Key to symbols:

- **Your students' average** was significantly higher (p < .05) with an effect size at least .3 in magnitude.
- Δ 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.

Reference: Rocconi, L., & Gonyea, R. M. (2015). Contextualizing student engagement effect sizes: An empirical analysis. Paper presented at the Association for Institutional Research Annual Forum, Denver, CO.