
University of North Dakota

NSSE 2019 Major Field Report, Part II

Comparisons to Other Institutions

Arts & Sciences

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 'Arts & Sciences' includes the following majors: Agriculture; Anthropology; Architecture; Art history; Arts, fine and applied; Biochemistry or biophysics; Biology (general); Botany; Broadcast communications; Cell and molecular biology; Chemistry; Communications (general); Computer information systems; Computer science; Criminal justice; Criminology; English (language and literature); Environmental science/studies; Ethnic studies; Family and consumer studies; Forensics; French (language and literature); Gender studies; General studies; Geography; History; Humanities (general); International relations; Journalism; Justice administration; Law; Liberal arts and sciences; Marine science; Mass communications and media studies; Mathematics; Microbiology or bacteriology; Multi, Interdisciplinary studies; Music; Natural resources and conservation; Natural science; Network security and systems; Other agriculture and natural resources; Other biological sciences; Other communications; Other computer science and technology; Other fine and performing arts; Other humanities; Other language and literature; Other physical sciences; Other social sciences; Philosophy; Physical sciences (general); Physics;

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.

About Your Major Field Report, Part II

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level 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: Arts & Sciences.

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 related-major 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

Frequencies will be reported for related-major groups that have at least 5 respondents, but NSSE requires a group to have at least 20 respondents for statistical comparisons (e.g., means and t-tests). 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 <i>Engagement Indicators</i> report for more details.
High-Impact Practices*	Results on student participation in six High-Impact Practices (HIPs). See your <i>High-Impact Practices</i> 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.

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

Theme	Engagement Indicator	First-Year Students in Arts & Sciences			Seniors in Arts & Sciences		
		Your first-year students compared with Plains Public	Your first-year students compared with Carnegie Class	Your first-year students compared with One UND	Your seniors compared with Plains Public	Your seniors compared with Carnegie Class	Your seniors compared with One UND
Academic Challenge	Higher-Order Learning	--	--	--	--		--
	Reflective & Integrative Learning						
	Learning Strategies	--	--	--	--		--
	Quantitative Reasoning	--	--	--	--	--	--
Learning with Peers	Collaborative Learning			--	--	--	--
	Discussions with Diverse Others						
Experiences with Faculty	Student-Faculty Interaction	--	--	--		--	
	Effective Teaching Practices						--
Campus Environment	Quality of Interactions	--	--	--		--	
	Supportive Environment			▽			

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Arts & Sciences

University of North Dakota

First-year students^a in Arts & Sciences

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
UND (N = 178)	38.4	11.7	.88	20	30	40	45	60				
Plains Public	37.3	12.8	.18	15	30	40	45	60	192	1.1		.090
Carnegie Class	38.6	12.9	.11	20	30	40	45	60	183	-.2		-.017
One UND	37.7	12.5	.43	15	30	40	45	60	1,006	.7		.056
Reflective & Integrative Learning												
UND (N = 178)	33.5	10.2	.76	17	26	31	40	51				
Plains Public	35.5	11.7	.16	17	29	34	43	57	193	-2.0	*	-.173
Carnegie Class	36.7	11.8	.10	17	29	37	46	57	183	-3.2	***	-.271
One UND	35.5	11.7	.40	17	26	34	43	57	285	-1.9	*	-.169
Learning Strategies												
UND (N = 177)	37.4	12.9	.97	13	27	40	47	60				
Plains Public	37.0	13.5	.19	13	27	40	47	60	5,320	.3		.025
Carnegie Class	37.9	13.6	.12	20	27	40	47	60	13,907	-.6		-.040
One UND	36.4	13.4	.47	13	27	40	47	60	1,004	1.0		.072
Quantitative Reasoning												
UND (N = 177)	28.1	13.7	1.03	7	20	27	40	60				
Plains Public	26.5	15.1	.21	0	20	27	40	53	5,288	1.6		.107
Carnegie Class	26.9	15.4	.13	0	20	27	40	60	182	1.2		.080
One UND	27.5	14.6	.51	7	20	27	40	53	1,003	.6		.042
Learning with Peers												
Collaborative Learning												
UND (N = 176)	35.1	13.8	1.04	15	25	35	45	60				
Plains Public	33.0	14.1	.20	10	20	35	40	60	5,323	2.1	*	.153
Carnegie Class	33.0	13.9	.12	10	20	30	40	60	13,976	2.1	*	.154
One UND	33.8	14.0	.48	10	25	35	45	60	1,006	1.3		.096
Discussions with Diverse Others												
UND (N = 177)	36.2	15.9	1.19	5	25	40	45	60				
Plains Public	39.7	14.7	.21	15	30	40	50	60	5,313	-3.5	**	-.238
Carnegie Class	39.8	14.9	.13	15	30	40	50	60	13,909	-3.6	**	-.244
One UND	39.4	14.1	.49	20	30	40	50	60	239	-3.2	*	-.225

First-year students^a in Arts & Sciences

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
UND (N = 176)	22.8	12.9	.97	5	15	20	30	50				
Plains Public	21.8	14.0	.20	0	10	20	30	50	5,284	1.0		.071
Carnegie Class	21.0	14.5	.12	0	10	20	30	50	181	1.7		.121
One UND	23.0	13.9	.48	5	15	20	30	50	1,000	-3		-.021
Effective Teaching Practices												
UND (N = 178)	34.9	12.4	.93	16	28	36	44	60				
Plains Public	37.8	12.5	.17	20	28	40	48	60	5,347	-2.8	**	-.226
Carnegie Class	38.2	12.6	.11	16	28	40	48	60	14,016	-3.2	***	-.257
One UND	38.0	12.4	.43	20	28	40	48	60	1,009	-3.1	**	-.247
Campus Environment												
Quality of Interactions												
UND (N = 170)	42.5	10.1	.77	24	36	44	50	58				
Plains Public	42.8	11.3	.16	22	36	44	50	60	5,174	-3		-.028
Carnegie Class	41.8	11.7	.10	20	34	43	50	60	175	.7		.058
One UND	43.3	10.7	.38	24	36	44	50	60	968	-9		-.080
Supportive Environment												
UND (N = 178)	31.9	11.4	.86	13	25	33	40	53				
Plains Public	35.8	12.9	.18	15	28	38	45	60	193	-3.9	***	-.300
Carnegie Class	35.8	13.2	.11	15	28	35	45	60	183	-3.9	***	-.294
One UND	36.4	12.7	.44	15	28	35	45	60	279	-4.4	***	-.356

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Engagement Indicators: Arts & Sciences

University of North Dakota

Seniors^a in Arts & Sciences

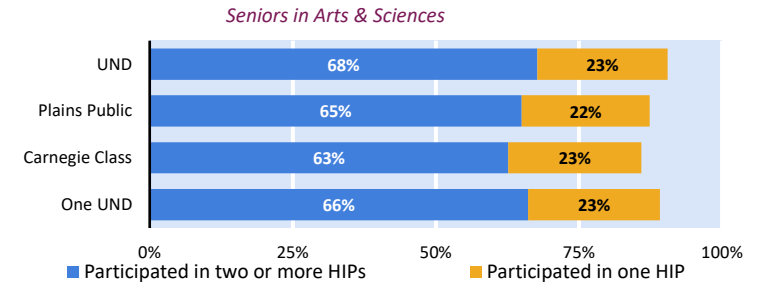
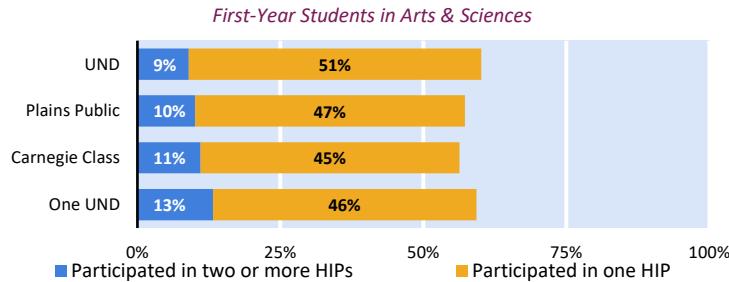
	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
UND (N = 218)	37.5	13.0	.88	15	25	40	45	60				
Plains Public	38.9	13.0	.16	20	30	40	50	60	6,757	-1.5		-.112
Carnegie Class	39.7	13.5	.11	20	30	40	50	60	15,773	-2.2	*	-.166
One UND	38.3	12.9	.38	20	30	40	45	60	1,338	-.9		-.066
Reflective & Integrative Learning												
UND (N = 221)	36.6	12.6	.85	17	29	37	46	57				
Plains Public	38.5	11.9	.15	20	31	37	46	60	6,809	-2.0	*	-.164
Carnegie Class	38.9	12.4	.10	20	31	40	49	60	15,928	-2.4	**	-.191
One UND	38.4	12.0	.35	20	31	37	47	60	1,355	-1.9	*	-.156
Learning Strategies												
UND (N = 219)	35.5	15.0	1.01	7	27	33	47	60				
Plains Public	37.1	14.3	.18	13	27	40	47	60	6,765	-1.6		-.111
Carnegie Class	37.8	14.5	.12	13	27	40	47	60	15,785	-2.3	*	-.158
One UND	36.4	14.0	.42	13	27	33	47	60	1,337	-.9		-.066
Quantitative Reasoning												
UND (N = 220)	27.5	15.7	1.06	0	20	27	40	60				
Plains Public	28.3	15.8	.20	0	20	27	40	60	6,749	-.9		-.055
Carnegie Class	27.9	16.4	.13	0	20	27	40	60	15,723	-.4		-.027
One UND	29.5	15.7	.47	0	20	27	40	60	1,341	-2.0		-.129
Learning with Peers												
Collaborative Learning												
UND (N = 221)	31.5	15.8	1.07	5	20	30	40	60				
Plains Public	31.8	14.6	.18	5	20	30	40	60	6,788	-.3		-.022
Carnegie Class	31.7	14.5	.12	10	20	30	40	60	15,832	-.2		-.014
One UND	30.9	14.3	.43	5	20	30	40	60	1,346	.6		.041
Discussions with Diverse Others												
UND (N = 220)	37.3	14.4	.97	20	25	35	45	60				
Plains Public	40.1	15.0	.19	15	30	40	55	60	6,759	-2.8	**	-.189
Carnegie Class	40.1	15.3	.12	15	30	40	55	60	15,750	-2.8	**	-.183
One UND	39.8	14.2	.42	20	30	40	50	60	1,340	-2.5	*	-.173

Seniors^a in Arts & Sciences

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
UND (N = 220)	22.5	15.9	1.07	0	10	20	35	55				
Plains Public	25.7	15.8	.19	0	15	25	35	55	6,759	-3.1	**	-.199
Carnegie Class	24.5	15.9	.13	0	15	20	35	55	15,755	-2.0		-.123
One UND	24.9	15.0	.45	5	15	25	35	55	1,344	-2.4	*	-.156
Effective Teaching Practices												
UND (N = 220)	37.0	12.9	.87	16	28	36	44	60				
Plains Public	39.3	12.9	.16	16	32	40	48	60	6,812	-2.3	*	-.175
Carnegie Class	39.5	13.4	.11	16	32	40	48	60	15,893	-2.5	**	-.189
One UND	38.4	12.5	.37	16	32	40	48	60	1,349	-1.5		-.116
Campus Environment												
Quality of Interactions												
UND (N = 210)	40.9	12.0	.83	20	33	42	50	60				
Plains Public	43.1	11.1	.14	23	36	44	50	60	6,496	-2.2	**	-.195
Carnegie Class	41.3	12.0	.10	20	34	42	50	60	15,056	-.4		-.034
One UND	42.6	11.0	.33	22	36	44	50	60	1,280	-1.7	*	-.149
Supportive Environment												
UND (N = 220)	29.7	13.3	.90	8	20	30	40	55				
Plains Public	32.5	13.1	.16	13	23	33	40	58	6,780	-2.8	**	-.217
Carnegie Class	31.8	13.7	.11	10	23	33	40	58	15,822	-2.2	*	-.158
One UND	32.1	12.7	.38	13	23	33	40	55	1,342	-2.4	*	-.189

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.

	UND	Plains Public		Carnegie Class		One UND		
	%	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	
<i>First-Year Students in Arts & Sciences</i>								
12. Service-Learning	56	+7	.14	+7	* .15	+8	.15	
11c. Learning Community	10	-4	-.13	-5	-.16	-10	** -.28	
11e. Research with Faculty	6	+0	.02	+0	.01	+0	.01	
Participated in at least one	60	+3	.06	+4	.08	+1	.02	
Participated in two or more	9	-1	-.04	-2	-.07	-4	-.14	
<i>Seniors in Arts & Sciences</i>								
12. Service-Learning	55	-4	-.07	-0	.00	-1	-.02	
11c. Learning Community	21	-1	-.02	-1	-.03	+1	.02	
11e. Research with Faculty	40	+10	** .21	+9	** .18	+7	.14	
11a. Internship or Field Exp.	41	-6	-.12	-7	* -.14	-11	** -.23	
11d. Study Abroad	13	-6	* -.18	-7	* -.19	-10	*** -.26	
11f. Culminating Senior Exp.	64	+14	*** .28	+17	*** .35	+13	*** .26	
Participated in at least one	90	+3	.10	+5	.14	+1	.04	
Participated in two or more	68	+3	.06	+5	.11	+2	.03	

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k																											
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND																					
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ																					
				%	%	%	%	%	%																														
1. During the current school year, about how often have you done the following?																																							
a. Asked questions or contributed to course discussions in other ways	askquest	1 2 3 4 Total	Never Sometimes Often Very often	4 69 71 34 178	2 39 40 19 100	159 1,969 1,855 1,185 5,168	3 38 36 23 100	477 5,049 4,780 3,572 13,878	3 36 34 26 100	37 306 301 194 838	4 37 36 23 100	2.8	2.8	-.03	2.8	-.08	2.8	-.02																					
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 2 3 4 Total	Never Sometimes Often Very often	28 64 51 34 177	16 36 29 19 100	1,082 1,917 1,407 762 5,168	21 37 27 15 100	2,396 4,973 4,007 2,482 13,858	17 36 29 18 100	185 299 216 138 838	22 36 26 16 100								2.5	2.4 *	.16	2.5	.04	2.4	.15														
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1 2 3 4 Total	Very often Often Sometimes Never	7 29 108 33 177	4 16 61 19 100	228 726 3,010 1,199 5,163	4 14 58 23 100	672 1,861 7,972 3,382 13,887	5 13 57 24 100	39 124 500 171 834	5 15 60 21 100															2.9	3.0	-.08	3.0	-.09	3.0	-.03							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1 2 3 4 Total	Never Sometimes Often Very often	71 70 26 11 178	40 39 15 6 100	1,761 2,030 866 513 5,170	34 39 17 10 100	4,578 5,493 2,374 1,438 13,883	33 40 17 10 100	226 332 165 115 838	27 40 20 14 100																						1.9	2.0 *	-.16	2.0 *	-.19	2.2 ***	-.34
e. Asked another student to help you understand course material	CLaskhelp	1 2 3 4 Total	Never Sometimes Often Very often	8 68 71 30 177	5 38 40 17 100	444 1,894 1,858 973 5,169	9 37 36 19 100	1,165 5,299 4,834 2,596 13,894	8 38 35 19 100	67 283 298 186 834	8 34 36 22 100																												
f. Explained course material to one or more students	CLexplain	1 2 3 4 Total	Never Sometimes Often Very often	3 61 73 41 178	2 34 41 23 100	230 1,825 2,097 1,023 5,175	4 35 41 20 100	584 4,880 5,587 2,841 13,892	4 35 40 20 100	41 296 330 170 837	5 35 39 20 100	2.9	2.8	.12	2.8	.10	2.8	.12																					

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Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k						
				UND		Plains Public		Carnegie Class		One UND		Your first-year students compared with						
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Plains Public		Carnegie Class		One UND	
													Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	21	12	760	15	2,028	15	117	14	2.7	2.5 *	.17	2.5 *	.17	2.6	.13
		2	Sometimes	56	32	1,821	35	4,968	36	287	34							
		3	Often	54	31	1,605	31	4,219	30	263	31							
		4	Very often	46	26	990	19	2,659	19	172	21							
		Total		177	100	5,176	100	13,874	100	839	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	7	4	364	7	927	7	42	5	2.8	2.7 *	.15	2.7 *	.15	2.7	.07
		2	Sometimes	60	34	1,995	39	5,415	39	306	37							
		3	Often	77	43	1,899	37	5,113	37	335	40							
		4	Very often	34	19	917	18	2,433	18	155	18							
		Total		178	100	5,175	100	13,888	100	838	100							
i. Given a course presentation	present	1	Never	40	22	1,035	20	2,386	17	156	19	2.1	2.2	-.11	2.3 **	-.19	2.2	-.12
		2	Sometimes	82	46	2,380	46	6,357	46	399	48							
		3	Often	47	26	1,286	25	3,584	26	203	24							
		4	Very often	9	5	478	9	1,560	11	80	10							
		Total		178	100	5,179	100	13,887	100	838	100							
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	10	6	359	7	971	7	55	7	2.6	2.6	-.08	2.7	-.11	2.6	-.11
		2	Sometimes	79	44	2,031	39	5,232	38	321	38							
		3	Often	69	39	1,974	38	5,313	38	327	39							
		4	Very often	20	11	801	16	2,353	17	133	16							
		Total		178	100	5,165	100	13,869	100	836	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	8	4	429	8	1,135	8	73	9	2.5	2.6	-.12	2.7 **	-.19	2.6	-.11
		2	Sometimes	88	49	1,986	38	4,869	35	325	39							
		3	Often	65	37	1,893	37	5,242	38	301	36							
		4	Very often	17	10	858	17	2,614	19	138	16							
		Total		178	100	5,166	100	13,860	100	837	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	20	11	509	10	1,246	9	76	9	2.4	2.6 **	-.19	2.7 ***	-.26	2.6 *	-.21
		2	Sometimes	72	40	1,908	37	4,789	35	308	37							
		3	Often	73	41	1,848	36	5,031	36	309	37							
		4	Very often	13	7	909	18	2,805	20	144	17							
		Total		178	100	5,174	100	13,871	100	837	100							

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Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options	%	%	%	%	%	%	%	%								
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	12	7	243	5	522	4	37	4	2.7	2.8	-.10	2.8 *	-.17	2.8	-.09	
		2	Sometimes	56	31	1,603	31	4,156	30	268	32								
		3	Often	85	48	2,405	47	6,379	46	386	46								
		4	Very often	25	14	917	18	2,794	20	145	17								
		Total		178	100	5,168	100	13,851	100	836	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	6	3	116	2	273	2	20	2	2.8	2.9	-.12	3.0 **	-.22	2.9	-.10	
		2	Sometimes	49	28	1,394	27	3,314	24	237	28								
		3	Often	92	52	2,441	47	6,505	47	383	46								
		4	Very often	30	17	1,213	23	3,756	27	195	23								
		Total		177	100	5,164	100	13,848	100	835	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	3	2	154	3	359	3	24	3	2.7	2.8	-.12	2.9 **	-.22	2.8	-.13	
		2	Sometimes	67	38	1,591	31	3,875	28	250	30								
		3	Often	81	46	2,363	46	6,243	45	392	47								
		4	Very often	27	15	1,060	21	3,360	24	168	20								
		Total		178	100	5,168	100	13,837	100	834	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	60	1	144	1	10	1	3.0	3.1	-.12	3.1 **	-.20	3.0	-.08	
		2	Sometimes	35	20	1,013	20	2,551	18	182	22								
		3	Often	113	64	2,678	52	6,809	49	418	50								
		4	Very often	29	16	1,407	27	4,327	31	224	27								
		Total		177	100	5,158	100	13,831	100	834	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	20	11	785	15	2,740	20	110	13	2.4	2.4	.06	2.3	.14	2.5	-.02	
		2	Sometimes	79	44	2,306	45	6,030	44	365	44								
		3	Often	60	34	1,390	27	3,194	23	230	28								
		4	Very often	19	11	686	13	1,883	14	130	16								
		Total		178	100	5,167	100	13,847	100	835	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	66	37	2,263	44	6,729	49	323	39	1.9	1.9	.08	1.8 *	.16	1.9	.00	
		2	Sometimes	73	41	1,734	34	4,334	31	304	36								
		3	Often	25	14	827	16	1,860	13	155	19								
		4	Very often	14	8	338	7	921	7	53	6								
		Total		178	100	5,162	100	13,844	100	835	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count		Count		Count		Count		Mean		Mean		Mean		Mean	
				%		%		%		%		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options																
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	45	26	1,507	29	4,285	31	214	26	2.1	2.0	.05	2.0	.04	2.1	.01	
		2	Sometimes	89	51	2,369	46	5,985	43	401	48								
		3	Often	28	16	949	18	2,493	18	174	21								
		4	Very often	14	8	334	6	1,067	8	44	5								
		Total		176	100	5,159	100	13,830	100	833	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	38	21	1,276	25	3,637	26	175	21	2.1	2.1	.04	2.1	.04	2.2	-.04	
		2	Sometimes	94	53	2,442	47	6,294	46	409	49								
		3	Often	30	17	1,065	21	2,742	20	179	22								
		4	Very often	16	9	375	7	1,145	8	68	8								
		Total		178	100	5,158	100	13,818	100	831	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	2	1	160	3	570	4	23	3	2.9	2.9	.01	2.9	.01	2.9	.04	
		2	Some	47	26	1,293	25	3,407	25	221	26								
		3	Quite a bit	89	50	2,456	48	6,255	45	398	48								
		4	Very much	40	22	1,261	24	3,601	26	193	23								
		Total		178	100	5,170	100	13,833	100	835	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	1	181	4	514	4	37	4	3.0	2.9 **	.19	2.9 *	.14	2.9 *	.19	
		2	Some	35	20	1,363	26	3,421	25	197	24								
		3	Quite a bit	94	53	2,440	47	6,373	46	415	50								
		4	Very much	47	26	1,185	23	3,528	25	187	22								
		Total		178	100	5,169	100	13,836	100	836	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	5	3	189	4	430	3	30	4	3.0	2.9	.12	3.0	.01	2.9	.05	
		2	Some	42	24	1,492	29	3,501	25	212	25								
		3	Quite a bit	86	48	2,301	45	6,141	44	387	46								
		4	Very much	45	25	1,182	23	3,752	27	204	24								
		Total		178	100	5,164	100	13,824	100	833	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	7	4	222	4	542	4	38	5	2.8	2.8	.00	2.9	-.10	2.9	-.02	
		2	Some	45	25	1,465	28	3,529	26	218	26								
		3	Quite a bit	95	53	2,372	46	6,223	45	404	48								
		4	Very much	31	17	1,107	21	3,520	25	174	21								
		Total		178	100	5,166	100	13,814	100	834	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options	%	%	%	%	%	%	%	%								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	5	3	230	4	525	4	32	4	2.8	2.8	-0.01	2.9	-0.10	2.9	-0.03	
		2	Some	47	26	1,460	28	3,590	26	230	28								
		3	Quite a bit	98	55	2,373	46	6,265	45	394	47								
		4	Very much	28	16	1,106	21	3,450	25	179	21								
		Total		178	100	5,169	100	13,830	100	835	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	1	1	93	2	285	2	19	2	3.0	3.0	-0.01	3.1	-0.03	3.0	.02	
		2	Some	39	22	1,055	20	2,786	20	164	20								
		3	Quite a bit	90	51	2,522	49	6,583	48	429	51								
		4	Very much	48	27	1,493	29	4,176	30	222	27								
		Total		178	100	5,163	100	13,830	100	834	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	9	5	157	3	432	3	22	3	2.8	3.0 ***	-0.28	3.0 ***	-0.28	3.0 **	-0.28	
		2	Some	56	31	1,092	21	2,988	22	170	20								
		3	Quite a bit	78	44	2,525	49	6,479	47	426	51								
		4	Very much	35	20	1,382	27	3,918	28	212	26								
		Total		178	100	5,156	100	13,817	100	830	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	12	7	160	3	426	3	25	3	2.9	3.0 *	-0.19	3.0 **	-0.22	3.0 *	-0.21	
		2	Some	46	26	1,158	22	3,036	22	172	21								
		3	Quite a bit	75	42	2,328	45	6,063	44	394	47								
		4	Very much	44	25	1,516	29	4,302	31	242	29								
		Total		177	100	5,162	100	13,827	100	833	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	16	9	445	9	1,078	8	74	9	2.7	2.7	-0.10	2.8 *	-0.16	2.8	-0.14	
		2	Some	58	33	1,603	31	4,099	30	240	29								
		3	Quite a bit	73	41	1,952	38	5,152	37	309	37								
		4	Very much	29	16	1,162	23	3,499	25	209	25								
		Total		176	100	5,162	100	13,828	100	832	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	26	15	474	9	1,363	10	68	8	2.4	2.6 ***	-0.27	2.6 ***	-0.27	2.7 ***	-0.30	
		2	Some	72	40	1,785	35	4,772	35	290	35								
		3	Quite a bit	61	34	1,985	38	5,047	37	325	39								
		4	Very much	19	11	920	18	2,637	19	149	18								
		Total		178	100	5,164	100	13,819	100	832	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
				%	%	%	%	%	%										
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	11	6	615	12	1,774	13	89	11	2.6	2.5	.13	2.5	.10	2.5	.07	
		2	Sometimes	72	41	2,067	40	5,202	38	317	38								
		3	Often	70	40	1,781	35	4,756	34	307	37								
		4	Very often	24	14	693	13	2,064	15	119	14								
			Total	177	100	5,156	100	13,796	100	832	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	29	16	1,143	22	3,163	23	162	20	2.3	2.2	.06	2.2	.04	2.3	.01	
		2	Sometimes	85	48	2,167	42	5,554	40	356	43								
		3	Often	48	27	1,353	26	3,603	26	231	28								
		4	Very often	16	9	484	9	1,474	11	80	10								
			Total	178	100	5,147	100	13,794	100	829	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	24	13	1,035	20	2,722	20	148	18	2.3	2.2	.07	2.3	.05	2.3	.01	
		2	Sometimes	87	49	2,249	44	5,893	43	359	43								
		3	Often	54	30	1,417	27	3,827	28	246	30								
		4	Very often	13	7	452	9	1,322	10	77	9								
			Total	178	100	5,153	100	13,764	100	830	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum	0	None	9	5	329	6	699	5	37	4	7.6	6.3 **	.23	7.0	.09	7.1	.08	
		1.5	1-2	24	13	1,137	22	2,427	18	154	19								
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	56	31	1,634	32	4,443	32	269	32								
		8	6-10	43	24	1,132	22	3,366	24	183	22								
		13	11-15	26	15	514	10	1,443	10	99	12								
		18	16-20	11	6	197	4	670	5	45	5								
		23	More than 20	9	5	215	4	770	6	45	5								
			Total	178	100	5,158	100	13,818	100	832	100								
b. Between 6 and 10 pages	wrmednum	0	None	46	26	2,007	39	4,486	33	250	30	2.9	2.0 ***	.32	2.4 *	.17	2.5	.13	
		1.5	1-2	60	34	1,986	39	5,286	38	329	40								
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	49	28	768	15	2,658	19	159	19								
		8	6-10	15	8	259	5	939	7	61	7								
		13	11-15	7	4	85	2	279	2	14	2								
		18	16-20	0	0	26	1	66	0	10	1								
		23	More than 20	1	1	17	0	81	1	3	0								
			Total	178	100	5,148	100	13,795	100	826	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options	Your first-year students compared with															
c. 11 pages or more	wrlongnum	0	None	134	76	4,078	79	10,391	75	608	74	.5	.7	-.08	.8 **	-.12	.9 **	-.15	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	35	20	770	15	2,418	18	153	19								
	4	3-5	7	4	131	3	536	4	38	5									
	8	6-10	0	0	75	1	216	2	16	2									
	13	11-15	1	1	62	1	149	1	4	0									
	18	16-20	0	0	10	0	29	0	3	0									
	23	More than 20	0	0	22	0	62	0	5	1									
	Total			177	100	5,148	100	13,801	100	827	100								
Estimated number of assigned pages of student writing.	wpages											54.2	45.0	.15	52.0	.03	53.8	.01	
				(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)															
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	16	9	219	4	574	4	30	4	2.7	3.0 ***	-.30	3.1 ***	-.41	2.9 **	-.24	
		2	Sometimes	65	37	1,481	29	3,399	25	275	33								
		3	Often	54	30	1,706	33	4,386	32	269	32								
		4	Very often	43	24	1,759	34	5,464	40	260	31								
			Total	178	100	5,165	100	13,823	100	834	100								
b. People from an economic background other than your own	DDeconomic	1	Never	12	7	187	4	500	4	32	4	2.8	3.0 **	-.23	3.1 ***	-.28	3.0 *	-.19	
		2	Sometimes	54	31	1,269	25	3,233	23	207	25								
		3	Often	66	37	2,026	39	5,025	36	345	41								
		4	Very often	45	25	1,681	33	5,039	37	249	30								
			Total	177	100	5,163	100	13,797	100	833	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	14	8	216	4	1,017	7	35	4	2.8	3.0 *	-.20	2.9	-.11	3.0 *	-.22	
		2	Sometimes	53	30	1,334	26	3,601	26	189	23								
		3	Often	60	34	1,814	35	4,439	32	328	39								
		4	Very often	51	29	1,798	35	4,756	34	280	34								
			Total	178	100	5,162	100	13,813	100	832	100								
d. People with political views other than your own	DDpolitical	1	Never	13	7	229	4	850	6	33	4	2.9	3.0	-.08	2.9	-.01	3.0	-.11	
		2	Sometimes	46	26	1,448	28	4,156	30	221	27								
		3	Often	68	38	1,835	36	4,437	32	312	38								
		4	Very often	51	29	1,652	32	4,380	32	266	32								
			Total	178	100	5,164	100	13,823	100	832	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	3	2	100	2	237	2	14	2	2.9	3.0	-.07	3.0 *	-.16	3.0	-.07	
		2	Sometimes	46	26	1,213	23	2,998	22	191	23								
		3	Often	91	51	2,564	50	6,550	47	430	52								
		4	Very often	38	21	1,286	25	4,024	29	195	23								
		Total		178	100	5,163	100	13,809	100	830	100								
b. Reviewed your notes after class	LSnotes	1	Never	5	3	301	6	716	5	45	5	2.9	2.8	.07	2.9	.03	2.8	.13	
		2	Sometimes	54	31	1,618	31	4,380	32	292	35								
		3	Often	74	42	1,906	37	4,802	35	302	36								
		4	Very often	44	25	1,335	26	3,913	28	193	23								
		Total		177	100	5,160	100	13,811	100	832	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	11	6	351	7	897	7	62	7	2.8	2.7	.05	2.8	.01	2.7	.08	
		2	Sometimes	53	30	1,683	33	4,452	32	281	34								
		3	Often	77	43	2,055	40	5,214	38	320	39								
		4	Very often	37	21	1,077	21	3,232	23	167	20								
		Total		178	100	5,166	100	13,795	100	830	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
	challenge	1	Not at all	1	1	30	1	135	1	8	1	5.4	5.4	.06	5.4	.01	5.3	.11	
		2		2	1	48	1	141	1	9	1								
		3		9	5	217	4	578	4	37	4								
		4		14	8	663	13	1,640	12	109	13								
		5		65	37	1,958	38	4,802	35	318	38								
		6		55	31	1,305	25	3,597	26	214	26								
		7	Very much	31	18	933	18	2,885	21	137	16								
		Total		177	100	5,154	100	13,778	100	832	100								
11. Which of the following have you done or do you plan to do before you graduate?^o																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		27	15	695	13	1,715	12	112	13	7%	7%	.02	8%	-.01	8%	-.02	
		Do not plan to do		7	4	261	5	586	4	37	4								
		Plan to do		131	74	3,863	75	10,461	76	618	74								
		Done or in progress		13	7	349	7	1,052	8	65	8								
		Total		178	100	5,168	100	13,814	100	832	100								

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			UND		Plains Public		Carnegie Class		One UND		Your first-year students compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	UND Mean	Plains Public Mean	Carnegie Class		One UND		
														Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	53	30	1,303	25	3,645	26	189	23	10%	14%	-.12	12%	-.06	14%	-.13
			Do not plan to do	42	24	1,146	22	3,062	22	172	21							
			Plan to do	65	37	2,014	39	5,493	40	354	43							
			Done or in progress	17	10	698	14	1,592	12	115	14							
			Total	177	100	5,161	100	13,792	100	830	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	51	29	1,632	32	4,475	32	207	25	10%	14%	-.13	15%	-.16	19% **	▽
			Do not plan to do	66	37	1,649	32	3,755	27	294	36							
			Plan to do	44	25	1,170	23	3,534	26	165	20							
			Done or in progress	17	10	703	14	2,015	15	160	19							
			Total	178	100	5,154	100	13,779	100	826	100							
d. Participate in a study abroad program	abroad		Have not decided	63	35	1,486	29	3,521	26	242	29	3%	3%	-.02	3%	-.02	5%	-.11
			Do not plan to do	53	30	1,191	23	2,950	21	160	19							
			Plan to do	57	32	2,322	45	6,867	50	387	47							
			Done or in progress	5	3	160	3	445	3	40	5							
			Total	178	100	5,159	100	13,783	100	829	100							
e. Work with a faculty member on a research project	research		Have not decided	62	35	1,935	37	4,918	36	283	34	6%	5%	.02	5%	.01	5%	.01
			Do not plan to do	41	23	1,063	21	2,484	18	149	18							
			Plan to do	65	37	1,896	37	5,658	41	353	43							
			Done or in progress	10	6	271	5	733	5	44	5							
			Total	178	100	5,165	100	13,793	100	829	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	34	19	1,684	33	4,125	30	242	29	1%	2%	-.11	2%	-.12	1%	-.08
			Do not plan to do	7	4	486	9	1,106	8	76	9							
			Plan to do	136	76	2,903	56	8,317	60	503	60							
			Done or in progress	1	1	86	2	243	2	11	1							
			Total	178	100	5,159	100	13,791	100	832	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse		1 None	77	44	2,602	50	7,028	51	425	51	1.7	1.6	.13	1.6	.12	1.5 *	△
			2 Some	86	49	2,206	43	5,726	42	357	43							
			3 Most	11	6	294	6	862	6	47	6							
			4 All	3	2	57	1	174	1	2	0							
			Total	177	100	5,159	100	13,790	100	831	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	0	0	57	1	197	1	6	1	5.5	5.4	.07	5.3	.12	5.5	.05	
		2		4	2	100	2	303	2	13	2								
		3		6	3	232	4	753	5	34	4								
		4		19	11	649	13	1,877	14	100	12								
		5		43	24	1,503	29	3,896	28	258	31								
		6		75	42	1,391	27	3,587	26	225	27								
	7	Excellent	29	16	1,203	23	3,114	23	191	23									
	—	Not applicable	2	1	34	1	82	1	3	0									
		Total		178	100	5,169	100	13,809	100	830	100								
b. Academic advisors	QIadvisor	1	Poor	4	2	134	3	414	3	16	2	5.3	5.3	-.03	5.2	.03	5.5	-.15	
		2		9	5	213	4	598	4	22	3								
		3		11	6	371	7	1,032	7	50	6								
		4		22	12	672	13	1,895	14	101	12								
		5		36	20	1,029	20	2,767	20	168	20								
		6		52	29	1,154	22	2,918	21	186	22								
	7	Excellent	42	24	1,545	30	3,761	27	280	34									
	—	Not applicable	2	1	53	1	422	3	8	1									
		Total		178	100	5,171	100	13,807	100	831	100								
c. Faculty	QIfaculty	1	Poor	1	1	64	1	204	1	4	0	5.1	5.3 *	-.16	5.3	-.14	5.4 **	-.23	
		2		3	2	112	2	336	2	12	1								
		3		13	7	285	6	798	6	44	5								
		4		39	22	674	13	1,883	14	115	14								
		5		47	27	1,429	28	3,635	26	232	28								
		6		47	27	1,494	29	3,959	29	227	27								
	7	Excellent	27	15	1,061	21	2,848	21	186	22									
	—	Not applicable	0	0	45	1	135	1	7	1									
		Total		177	100	5,164	100	13,798	100	827	100								

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count		Count		Count		Count		Mean		Mean		Mean		Mean	
				%		%		%		%		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options																
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	3	2	144	3	469	3	17	2	5.2	5.2	.01	5.0	.10	5.3	-.06	
		2		3	2	174	3	547	4	29	4								
		3		11	6	318	6	1,001	7	51	6								
		4		30	17	716	14	1,995	14	100	12								
		5		46	26	1,163	23	3,012	22	179	22								
		6		41	23	1,219	24	2,943	21	212	26								
		7	Excellent	33	19	1,051	20	2,578	19	184	22								
		—	Not applicable	11	6	372	7	1,259	9	55	7								
Total				178	100	5,157	100	13,804	100	827	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	4	2	128	2	591	4	24	3	5.1	5.1	.00	4.9	.10	5.0	.10	
		2		4	2	190	4	597	4	37	4								
		3		10	6	367	7	1,077	8	61	7								
		4		33	19	799	15	2,125	15	149	18								
		5		45	25	1,156	22	2,989	22	164	20								
		6		42	24	1,137	22	2,877	21	176	21								
		7	Excellent	29	16	996	19	2,417	18	137	17								
		—	Not applicable	11	6	393	8	1,127	8	82	10								
Total				178	100	5,166	100	13,800	100	830	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	3	2	75	1	243	2	15	2	3.0	3.0	-.06	3.1	-.13	3.0	-.06	
		2	Some	42	24	1,032	20	2,590	19	161	19								
		3	Quite a bit	86	48	2,671	52	6,632	48	432	52								
		4	Very much	47	26	1,385	27	4,331	31	222	27								
		Total				178	100	5,163	100	13,796	100								830
b. Providing support to help students succeed academically	SEacademic	1	Very little	7	4	165	3	467	3	29	3	2.9	3.0 *	-.17	3.0 *	-.18	3.0	-.15	
		2	Some	44	25	1,055	20	2,925	21	172	21								
		3	Quite a bit	89	50	2,416	47	6,059	44	394	48								
		4	Very much	38	21	1,517	29	4,329	31	234	28								
		Total				178	100	5,153	100	13,780	100								829
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	16	9	264	5	698	5	37	4	2.7	3.0 ***	-.37	3.1 ***	-.43	3.0 ***	-.36	
		2	Some	52	29	969	19	2,464	18	168	20								
		3	Quite a bit	74	42	2,165	42	5,376	39	349	42								
		4	Very much	36	20	1,754	34	5,248	38	273	33								
		Total				178	100	5,152	100	13,786	100								827

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

Item wording or description				Frequency Distributions								Statistical Comparisons ^k						
				UND		Plains Public		Carnegie Class		One UND		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	UND	Plains Public	Carnegie Class	One UND			
Variable name ^l	Values ^m	Response options							Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ			
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	30	17	543	11	1,671	12	68	8	2.3	2.7 ***	-.45	2.7 ***	-.39	2.8 ***	-.49
		2	Some	78	44	1,474	29	4,128	30	256	31							
		3	Quite a bit	53	30	1,940	38	4,689	34	309	37							
		4	Very much	17	10	1,194	23	3,296	24	194	23							
		Total		178	100	5,151	100	13,784	100	827	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	9	5	255	5	754	5	37	4	2.8	3.0 *	-.18	3.0 *	-.17	3.0 *	-.19
		2	Some	42	24	1,122	22	3,172	23	193	23							
		3	Quite a bit	99	56	2,283	44	5,619	41	353	43							
		4	Very much	28	16	1,494	29	4,227	31	246	30							
		Total		178	100	5,154	100	13,772	100	829	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	12	7	286	6	1,004	7	36	4	2.9	3.0	-.10	2.9	-.04	3.0 *	-.18
		2	Some	38	21	1,178	23	3,273	24	177	21							
		3	Quite a bit	89	50	2,154	42	5,471	40	346	42							
		4	Very much	39	22	1,531	30	4,018	29	269	32							
		Total		178	100	5,149	100	13,766	100	828	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	49	28	1,188	23	3,319	24	181	22	2.1	2.3 *	-.17	2.3 *	-.16	2.3 *	-.19
		2	Some	69	39	1,972	38	5,236	38	329	40							
		3	Quite a bit	52	29	1,398	27	3,499	25	222	27							
		4	Very much	8	4	591	11	1,713	12	98	12							
		Total		178	100	5,149	100	13,767	100	830	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	9	5	377	7	1,083	8	40	5	2.8	2.8	.00	2.8	-.01	2.9	-.09
		2	Some	44	25	1,387	27	3,702	27	214	26							
		3	Quite a bit	92	52	2,130	41	5,365	39	358	43							
		4	Very much	32	18	1,256	24	3,611	26	215	26							
		Total		177	100	5,150	100	13,761	100	827	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	40	22	746	14	1,996	14	90	11	2.2	2.5 ***	-.30	2.5 ***	-.33	2.6 ***	-.39
		2	Some	74	42	1,944	38	5,020	36	330	40							
		3	Quite a bit	51	29	1,704	33	4,437	32	264	32							
		4	Very much	13	7	761	15	2,328	17	145	17							
		Total		178	100	5,155	100	13,781	100	829	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options		%		%		%		%								
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	17	0	49	0	0	0	15.9	14.2 ** △	.21	15.1	.10	15.4	.07	
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	7	644	13	1,544	11	89	11								
		8	6-10 hrs	38	22	1,229	24	2,939	21	171	21								
		13	11-15 hrs	31	18	1,224	24	3,163	23	177	21								
		18	16-20 hrs	49	28	1,017	20	2,783	20	192	23								
		23	21-25 hrs	26	15	508	10	1,634	12	98	12								
		28	26-30 hrs	11	6	245	5	829	6	50	6								
		33	More than 30 hrs	8	5	262	5	817	6	50	6								
	Total			176	100	5,146	100	13,758	100	827	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	40	22	1,395	27	4,563	33	196	24	6.1	5.8	.04	5.1	.15	6.2	-.03	
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	84	47	1,842	36	4,820	35	304	37								
		8	6-10 hrs	24	13	965	19	2,157	16	152	18								
		13	11-15 hrs	9	5	498	10	1,134	8	89	11								
		18	16-20 hrs	8	4	215	4	598	4	44	5								
		23	21-25 hrs	4	2	121	2	249	2	17	2								
		28	26-30 hrs	3	2	31	1	102	1	10	1								
		33	More than 30 hrs	6	3	80	2	136	1	12	1								
	Total			178	100	5,147	100	13,759	100	824	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	140	79	3,920	76	10,628	77	627	76	2.6	2.8	-.04	2.7	-.03	3.1	-.08	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	2	196	4	478	3	30	4								
		8	6-10 hrs	13	7	370	7	1,006	7	59	7								
		13	11-15 hrs	12	7	346	7	805	6	47	6								
		18	16-20 hrs	6	3	203	4	558	4	35	4								
		23	21-25 hrs	2	1	70	1	189	1	17	2								
		28	26-30 hrs	1	1	11	0	50	0	7	1								
		33	More than 30 hrs	0	0	26	1	57	0	4	0								
	Total			178	100	5,142	100	13,771	100	826	100								

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options	%	%	%	%	%	%	%	%								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	120	67	3,453	67	9,839	71	578	70	4.8	5.4	-.06	4.5	.04	4.2	.07	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	4	230	4	619	4	44	5								
	8	6-10 hrs	15	8	273	5	703	5	52	6									
	13	11-15 hrs	10	6	345	7	683	5	57	7									
	18	16-20 hrs	9	5	338	7	757	5	43	5									
	23	21-25 hrs	8	4	226	4	536	4	28	3									
	28	26-30 hrs	5	3	135	3	279	2	7	1									
	33	More than 30 hrs	3	2	158	3	358	3	18	2									
	Total		178	100	5,158	100	13,774	100	827	100									
	Estimated number of hours working for pay	tmworkhrs																	7.4
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	110	62	3,047	59	8,068	59	461	56	1.9	2.2	-.08	2.3	-.10	2.3	-.10	
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	54	30	1,594	31	4,162	30	285	34								
	8	6-10 hrs	8	4	277	5	806	6	44	5									
	13	11-15 hrs	2	1	112	2	397	3	18	2									
	18	16-20 hrs	2	1	61	1	172	1	6	1									
	23	21-25 hrs	2	1	35	1	84	1	8	1									
	28	26-30 hrs	0	0	16	0	31	0	2	0									
	33	More than 30 hrs	0	0	19	0	50	0	3	0									
Total		178	100	5,161	100	13,770	100	827	100										
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	1	58	1	204	1	6	1	14.3	13.2	.13	12.6 *	.19	12.7 *	.18	
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	23	13	901	17	2,733	20	156	19								
	8	6-10 hrs	48	27	1,355	26	3,755	27	226	27									
	13	11-15 hrs	37	21	1,143	22	2,876	21	182	22									
	18	16-20 hrs	33	19	795	15	1,962	14	123	15									
	23	21-25 hrs	15	8	364	7	872	6	57	7									
	28	26-30 hrs	5	3	178	3	412	3	23	3									
	33	More than 30 hrs	16	9	362	7	961	7	51	6									
Total		178	100	5,156	100	13,775	100	824	100										

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options	%	%	%	%	%	%	%	%								
g. Providing care for dependents (children, parents, etc.)																			
	tmcarehrs	0	0 hrs	155	88	4,339	84	11,155	81	698	84	1.2	1.6	-.08	1.8	-.11	1.4	-.05	
		3	1-5 hrs	12	7	409	8	1,271	9	69	8								
		8	6-10 hrs	3	2	124	2	513	4	18	2								
		13	11-15 hrs	0	0	104	2	322	2	17	2								
		18	16-20 hrs	4	2	52	1	190	1	12	1								
		23	21-25 hrs	2	1	36	1	104	1	7	1								
		28	26-30 hrs	0	0	9	0	38	0	1	0								
		33	More than 30 hrs	1	1	82	2	165	1	6	1								
			Total	177	100	5,155	100	13,758	100	828	100								
h. Commuting to campus (driving, walking, etc.)																			
	tmcommutehrs	0	0 hrs	47	26	1,967	38	5,584	40	286	35	4.1	3.6	.10	3.9	.04	3.8	.06	
		3	1-5 hrs	104	58	2,247	44	5,194	38	391	47								
		8	6-10 hrs	11	6	539	10	1,692	12	87	11								
		13	11-15 hrs	6	3	212	4	661	5	27	3								
		18	16-20 hrs	4	2	76	1	276	2	12	1								
		23	21-25 hrs	1	1	51	1	137	1	11	1								
		28	26-30 hrs	1	1	18	0	63	0	4	0								
		33	More than 30 hrs	4	2	52	1	193	1	10	1								
			Total	178	100	5,162	100	13,800	100	828	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
	reading	1	Very little	21	12	643	12	1,686	12	115	14	2.5	2.7 *	-.14	2.8 **	-.20	2.7	-.11	
		2	Some	76	43	1,836	36	4,584	33	298	36								
		3	About half	53	30	1,497	29	3,934	29	225	27								
		4	Most	22	12	892	17	2,561	19	144	17								
		5	Almost all	6	3	289	6	1,014	7	47	6								
			Total	178	100	5,157	100	13,779	100	829	100								
	tmreadinghrs																		
	<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>											6.3	6.3	.00	6.9	-.10	6.7	-.07	

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

Item wording or description				Frequency Distributions								Statistical Comparisons ^k						
				UND		Plains Public		Carnegie Class		One UND		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
tmreadinghrscol				0	0	16	0	49	0	0	0	2.6	2.7	-.10	2.8 **	-.21	2.7	-.10
(Collapsed version of tmreadinghrs created by NSSE.)				88	50	2,760	54	6,753	49	427	52							
1 0 hrs				63	36	1,480	29	4,048	30	235	28							
2 More than zero, up to 5 hrs				13	7	459	9	1,450	11	84	10							
3 More than 5, up to 10 hrs				6	3	241	5	756	6	43	5							
4 More than 10, up to 15 hrs				5	3	119	2	474	3	27	3							
5 More than 15, up to 20 hrs				1	1	56	1	183	1	10	1							
6 More than 20, up to 25 hrs				176	100	5,131	100	13,713	100	826	100							
7 More than 25 hrs																		
Total																		
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively				18	10	479	9	1,035	8	75	9	2.6	2.7	-.10	2.8 **	-.21	2.7	-.10
pgwrite				62	35	1,675	32	3,995	29	264	32							
2 Some				70	40	2,051	40	5,779	42	337	41							
3 Quite a bit				26	15	954	18	2,951	21	148	18							
4 Very much				176	100	5,159	100	13,760	100	824	100							
Total																		
b. Speaking clearly and effectively				29	16	589	11	1,678	12	106	13	2.5	2.6	-.14	2.6	-.14	2.5	-.06
pgspeak				61	34	1,780	35	4,589	33	298	36							
2 Some				63	35	1,907	37	5,013	36	305	37							
3 Quite a bit				25	14	883	17	2,488	18	118	14							
4 Very much				178	100	5,159	100	13,768	100	827	100							
Total																		
c. Thinking critically and analytically				6	3	174	3	472	3	30	4	3.0	3.0	-.07	3.1	-.10	3.0	-.02
pgthink				40	22	1,031	20	2,736	20	176	21							
2 Some				83	47	2,385	46	6,059	44	385	47							
3 Quite a bit				49	28	1,572	30	4,512	33	236	29							
4 Very much				178	100	5,162	100	13,779	100	827	100							
Total																		
d. Analyzing numerical and statistical information				15	8	802	16	2,236	16	122	15	2.7	2.5	.13	2.5	.12	2.5	.11
pganalyze				67	38	1,755	34	4,521	33	272	33							
2 Some				61	34	1,667	32	4,440	32	292	35							
3 Quite a bit				35	20	928	18	2,584	19	141	17							
4 Very much				178	100	5,152	100	13,781	100	827	100							
Total																		

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
				%	%	%	%	%	%										
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	26	15	728	14	2,198	16	115	14	2.4	2.6	-.12	2.5	-.09	2.6	-.15	
		2	Some	72	40	1,764	34	4,641	34	264	32								
		3	Quite a bit	56	31	1,756	34	4,477	32	309	37								
		4	Very much	24	13	914	18	2,463	18	141	17								
		Total		178	100	5,162	100	13,779	100	829	100								
f. Working effectively with others	pgothers	1	Very little	12	7	342	7	1,055	8	60	7	2.8	2.8	-.06	2.8	-.03	2.8	-.05	
		2	Some	54	30	1,504	29	4,078	30	237	29								
		3	Quite a bit	78	44	2,125	41	5,478	40	344	42								
		4	Very much	34	19	1,174	23	3,163	23	186	22								
		Total		178	100	5,145	100	13,774	100	827	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	27	15	662	13	1,725	13	106	13	2.4	2.6 **	-.20	2.7 **	-.25	2.6 *	-.19	
		2	Some	67	38	1,602	31	4,068	29	260	31								
		3	Quite a bit	63	35	1,924	37	4,983	36	311	38								
		4	Very much	21	12	971	19	3,015	22	152	18								
		Total		178	100	5,159	100	13,791	100	829	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	28	16	483	9	1,442	10	69	8	2.4	2.8 ***	-.34	2.7 ***	-.33	2.7 ***	-.33	
		2	Some	65	37	1,513	29	3,997	29	266	32								
		3	Quite a bit	62	35	1,964	38	4,921	36	305	37								
		4	Very much	22	12	1,197	23	3,425	25	186	23								
		Total		177	100	5,157	100	13,785	100	826	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	25	14	596	12	1,691	12	98	12	2.4	2.6 **	-.20	2.6 **	-.20	2.6 *	-.20	
		2	Some	77	43	1,785	35	4,748	34	280	34								
		3	Quite a bit	53	30	1,870	36	4,719	34	309	37								
		4	Very much	23	13	909	18	2,618	19	142	17								
		Total		178	100	5,160	100	13,776	100	829	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	25	14	654	13	1,779	13	116	14	2.4	2.6 ***	-.27	2.6 ***	-.29	2.6 **	-.25	
		2	Some	81	46	1,689	33	4,451	32	264	32								
		3	Quite a bit	54	31	1,823	35	4,653	34	297	36								
		4	Very much	17	10	987	19	2,910	21	151	18								
		Total		177	100	5,153	100	13,793	100	828	100								

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Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

First-Year Students^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
					%		%		%		%								
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	5	3	76	1	268	2	15	2	3.0							
		2	Fair	23	13	647	13	1,887	14	101	12								
		3	Good	113	64	2,704	52	6,929	50	448	54								
		4	Excellent	36	20	1,736	34	4,744	34	265	32								
			Total	177	100	5,163	100	13,828	100	829	100								
													3.2 **	-0.24	3.2 **	-0.21	3.2 *	-0.21	
													▽		▽		▽		
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	5	3	161	3	503	4	31	4	3.0							
		2	Probably no	30	17	578	11	1,865	13	87	10								
		3	Probably yes	94	53	2,288	44	5,917	43	374	45								
		4	Definitely yes	47	27	2,143	41	5,558	40	339	41								
			Total	176	100	5,170	100	13,843	100	831	100								
													3.2 ***	-0.26	3.2 **	-0.19	3.2 **	-0.24	
													▽		▽		▽		
20. Do you intend to return to this institution next year?^f																			
	returnexp		No	8	5	207	4	574	4	28	3	89%							
			Yes	157	89	4,641	90	12,297	89	743	89								
			Not sure	11	6	313	6	984	7	60	7								
			Total	176	100	5,161	100	13,855	100	831	100								
													90%	-0.02	89%	.01	89%	-0.01	

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Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

Seniors^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect	Mean	Effect	Mean	Effect	
														size ⁿ					size ⁿ
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	7	3	146	2	414	3	30	3	3.0	3.1	-.09	3.1	-.12	3.0	-.03	
		2	Sometimes	65	29	1,729	26	4,035	26	332	29								
		3	Often	72	33	2,222	34	4,851	31	359	32								
		4	Very often	77	35	2,491	38	6,397	41	407	36								
		Total		221	100	6,588	100	15,697	100	1,128	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	54	25	1,566	24	3,523	22	268	24	2.4	2.3	.05	2.4	-.01	2.3	.07	
		2	Sometimes	72	33	2,445	37	5,614	36	450	40								
		3	Often	53	24	1,600	24	3,905	25	248	22								
		4	Very often	39	18	971	15	2,647	17	169	15								
		Total		218	100	6,582	100	15,689	100	1,135	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	13	6	412	6	1,056	7	68	6	3.0	2.9	.04	2.9	.06	2.9	.06	
		2	Often	35	16	1,026	16	2,454	16	194	17								
		3	Sometimes	115	52	3,649	55	8,674	55	615	54								
		4	Never	57	26	1,514	23	3,535	22	256	23								
		Total		220	100	6,601	100	15,719	100	1,133	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	99	45	2,612	40	6,018	38	362	32	1.8	1.9 *	-0.15	2.0 **	-0.18	2.0 ***	-0.27	
		2	Sometimes	84	38	2,477	38	5,926	38	478	42								
		3	Often	22	10	902	14	2,237	14	184	16								
		4	Very often	15	7	610	9	1,530	10	109	10								
		Total		220	100	6,601	100	15,711	100	1,133	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	40	18	877	13	2,291	15	157	14	2.4	2.5	-.04	2.4	.00	2.4	.01	
		2	Sometimes	83	38	2,793	42	6,755	43	507	45								
		3	Often	63	29	2,004	30	4,409	28	318	28								
		4	Very often	35	16	932	14	2,268	14	153	13								
		Total		221	100	6,606	100	15,723	100	1,135	100								
f. Explained course material to one or more students	CLexplain	1	Never	17	8	387	6	859	5	69	6	2.8	2.7	.01	2.8	-.01	2.7	.05	
		2	Sometimes	73	33	2,297	35	5,497	35	414	37								
		3	Often	79	36	2,561	39	5,855	37	430	38								
		4	Very often	52	24	1,364	21	3,505	22	218	19								
		Total		221	100	6,609	100	15,716	100	1,131	100								

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University of North Dakota

Seniors^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count		Count		Count		Count		Mean		Mean		Mean		Mean	
				%		%		%		%		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options																
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	50	23	1,258	19	3,046	19	233	21	2.4	2.4	-.06	2.4	-.05	2.4	.01	
		2	Sometimes	78	35	2,387	36	5,785	37	426	38								
		3	Often	55	25	1,833	28	4,229	27	311	27								
		4	Very often	38	17	1,123	17	2,661	17	164	14								
		Total		221	100	6,601	100	15,721	100	1,134	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	23	10	503	8	1,168	7	83	7	2.8	2.7	.02	2.7	.02	2.7	.06	
		2	Sometimes	63	29	2,170	33	5,405	34	400	35								
		3	Often	80	36	2,492	38	5,563	35	420	37								
		4	Very often	55	25	1,436	22	3,582	23	231	20								
		Total		221	100	6,601	100	15,718	100	1,134	100								
i. Given a course presentation	present	1	Never	31	14	794	12	1,732	11	114	10	2.6	2.6	-.03	2.7	-.09	2.6	-.05	
		2	Sometimes	82	37	2,384	36	5,419	34	431	38								
		3	Often	59	27	2,081	32	5,044	32	367	32								
		4	Very often	49	22	1,347	20	3,531	22	221	20								
		Total		221	100	6,606	100	15,726	100	1,133	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	14	6	203	3	552	4	31	3	2.9	2.9	-.01	2.9	-.02	3.0	-.05	
		2	Sometimes	52	24	1,734	26	4,220	27	283	25								
		3	Often	90	41	2,934	44	6,481	41	510	45								
		4	Very often	65	29	1,731	26	4,464	28	310	27								
		Total		221	100	6,602	100	15,717	100	1,134	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	20	9	407	6	1,067	7	68	6	2.7	2.8	-.13	2.9 *	-.16	2.8	-.11	
		2	Sometimes	71	32	2,034	31	4,633	29	354	31								
		3	Often	84	38	2,525	38	5,554	35	447	39								
		4	Very often	46	21	1,633	25	4,466	28	267	24								
		Total		221	100	6,599	100	15,720	100	1,136	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	36	16	693	11	1,698	11	112	10	2.5	2.7 **	-.22	2.7 ***	-.24	2.7 **	-.20	
		2	Sometimes	82	37	2,153	33	5,076	32	403	35								
		3	Often	60	27	2,251	34	5,014	32	362	32								
		4	Very often	41	19	1,502	23	3,921	25	259	23								
		Total		219	100	6,599	100	15,709	100	1,136	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
												Mean		Effect size ⁿ		Effect size ⁿ			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	10	5	273	4	728	5	59	5	2.8	2.9	-.11	2.9	-.13	2.8	-.10	
		2	Sometimes	75	34	1,857	28	4,308	27	302	27								
		3	Often	92	42	3,032	46	6,912	44	524	46								
		4	Very often	43	20	1,433	22	3,758	24	249	22								
		Total		220	100	6,595	100	15,706	100	1,134	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	8	4	150	2	390	2	26	2	2.9	3.0 *	-.15	3.0 *	-.16	3.0	-.10	
		2	Sometimes	71	32	1,524	23	3,624	23	289	25								
		3	Often	80	36	3,068	47	6,997	45	517	46								
		4	Very often	62	28	1,855	28	4,679	30	302	27								
		Total		221	100	6,597	100	15,690	100	1,134	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	5	2	112	2	297	2	23	2	2.9	3.0	-.09	3.0	-.12	3.0	-.08	
		2	Sometimes	65	30	1,714	26	4,012	26	289	25								
		3	Often	98	45	3,045	46	6,895	44	535	47								
		4	Very often	52	24	1,720	26	4,486	29	288	25								
		Total		220	100	6,591	100	15,690	100	1,135	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	3	1	49	1	130	1	5	0	3.1	3.2	-.13	3.2 *	-.15	3.2 *	-.16	
		2	Sometimes	37	17	929	14	2,269	14	149	13								
		3	Often	109	50	3,168	48	7,075	45	555	49								
		4	Very often	70	32	2,431	37	6,205	40	426	38								
		Total		219	100	6,577	100	15,679	100	1,135	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	50	23	913	14	2,624	17	172	15	2.4	2.5 *	-.17	2.5	-.08	2.5	-.09	
		2	Sometimes	80	36	2,573	39	6,296	40	470	41								
		3	Often	48	22	1,752	27	3,786	24	287	25								
		4	Very often	42	19	1,356	21	2,991	19	205	18								
		Total		220	100	6,594	100	15,697	100	1,134	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	91	41	2,321	35	6,265	40	397	35	2.0	2.1	-.11	2.0	-.03	2.1	-.12	
		2	Sometimes	68	31	2,137	32	4,688	30	345	31								
		3	Often	32	15	1,242	19	2,719	17	244	22								
		4	Very often	29	13	897	14	2,021	13	145	13								
		Total		220	100	6,597	100	15,693	100	1,131	100								

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				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count		Count		Count		Count		Mean		Mean		Mean		Mean	
				%		%		%		%		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options																
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	65	30	1,500	23	3,732	24	230	20	2.1	2.2 *	-0.14	2.2	-0.11	2.2	-0.13	
		2	Sometimes	89	40	2,764	42	6,591	42	521	46								
		3	Often	42	19	1,509	23	3,471	22	271	24								
		4	Very often	24	11	810	12	1,853	12	111	10								
		Total		220	100	6,583	100	15,647	100	1,133	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	68	31	1,374	21	3,647	23	253	22	2.0	2.2 ***	-0.24	2.2 **	-0.19	2.2 *	-0.16	
		2	Sometimes	94	43	2,946	45	6,987	45	536	47								
		3	Often	42	19	1,563	24	3,316	21	247	22								
		4	Very often	16	7	701	11	1,714	11	96	8								
		Total		220	100	6,584	100	15,664	100	1,132	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	13	6	413	6	1,189	8	72	6	2.8	2.8	-0.03	2.8	.01	2.8	.02	
		2	Some	66	30	1,992	30	4,879	31	373	33								
		3	Quite a bit	99	45	2,710	41	6,094	39	447	39								
		4	Very much	42	19	1,473	22	3,516	22	241	21								
		Total		220	100	6,588	100	15,678	100	1,133	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	3	1	210	3	532	3	37	3	3.0	3.0	-0.05	3.0	-0.09	3.0	-0.03	
		2	Some	58	26	1,439	22	3,312	21	247	22								
		3	Quite a bit	104	47	3,117	47	7,034	45	553	49								
		4	Very much	54	25	1,821	28	4,803	31	296	26								
		Total		219	100	6,587	100	15,681	100	1,133	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	5	2	219	3	608	4	41	4	2.9	3.0	-0.09	3.0 *	-0.14	2.9	-0.04	
		2	Some	71	32	1,583	24	3,453	22	291	26								
		3	Quite a bit	84	38	2,926	44	6,661	43	496	44								
		4	Very much	60	27	1,855	28	4,936	32	304	27								
		Total		220	100	6,583	100	15,658	100	1,132	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	16	7	319	5	908	6	58	5	2.7	2.9 *	-0.17	2.9 **	-0.22	2.9	-0.14	
		2	Some	70	32	1,756	27	3,765	24	313	28								
		3	Quite a bit	89	40	2,880	44	6,516	42	491	43								
		4	Very much	45	20	1,641	25	4,474	29	267	24								
		Total		220	100	6,596	100	15,663	100	1,129	100								

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Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

Seniors^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
												Your seniors compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	8	4	237	4	670	4	45	4	2.9	2.9	-.03	3.0	-.08	2.9	.02	
		2	Some	54	25	1,686	26	3,691	24	311	27								
		3	Quite a bit	110	50	3,024	46	6,877	44	514	45								
		4	Very much	47	21	1,648	25	4,421	28	262	23								
		Total		219	100	6,595	100	15,659	100	1,132	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	5	2	127	2	335	2	12	1	3.0	3.1 *	-.14	3.2 *	-.15	3.1	-.08	
		2	Some	47	21	1,143	17	2,708	17	230	20								
		3	Quite a bit	104	47	3,019	46	6,872	44	527	47								
		4	Very much	64	29	2,295	35	5,741	37	361	32								
		Total		220	100	6,584	100	15,656	100	1,130	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	9	4	210	3	517	3	29	3	3.0	3.1 *	-.14	3.1 *	-.16	3.0	-.13	
		2	Some	45	20	1,205	18	2,909	19	204	18								
		3	Quite a bit	114	52	3,159	48	7,085	45	582	52								
		4	Very much	52	24	2,015	31	5,150	33	314	28								
		Total		220	100	6,589	100	15,661	100	1,129	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	3	1	175	3	470	3	26	2	3.0	3.1 *	-.16	3.1 **	-.18	3.1	-.13	
		2	Some	61	28	1,241	19	2,934	19	233	21								
		3	Quite a bit	95	43	2,906	44	6,568	42	499	44								
		4	Very much	61	28	2,263	34	5,675	36	374	33								
		Total		220	100	6,585	100	15,647	100	1,132	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	17	8	674	10	1,723	11	116	10	2.7	2.7	-.09	2.8	-.10	2.7	-.02	
		2	Some	83	38	1,908	29	4,508	29	386	34								
		3	Quite a bit	78	35	2,411	37	5,214	33	379	34								
		4	Very much	42	19	1,590	24	4,195	27	250	22								
		Total		220	100	6,583	100	15,640	100	1,131	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	21	10	499	8	1,276	8	91	8	2.6	2.8 *	-.15	2.8 *	-.16	2.7	-.09	
		2	Some	75	34	1,977	30	4,695	30	370	33								
		3	Quite a bit	85	39	2,663	40	5,937	38	440	39								
		4	Very much	37	17	1,446	22	3,732	24	229	20								
		Total		218	100	6,585	100	15,640	100	1,130	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	24	11	832	13	2,252	14	131	12	2.6	2.5	.01	2.5	.02	2.6	-.03	
		2	Sometimes	83	38	2,432	37	5,518	35	414	37								
		3	Often	81	37	2,242	34	5,109	33	383	34								
		4	Very often	32	15	1,071	16	2,749	18	201	18								
			Total	220	100	6,577	100	15,628	100	1,129	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	52	24	1,321	20	3,501	22	220	20	2.2	2.3	-.10	2.3	-.06	2.4	-.13	
		2	Sometimes	87	40	2,555	39	5,963	38	424	38								
		3	Often	56	25	1,864	28	4,091	26	330	29								
		4	Very often	25	11	830	13	2,051	13	154	14								
			Total	220	100	6,570	100	15,606	100	1,128	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	41	19	1,101	17	3,025	19	147	13	2.3	2.4	-.06	2.4	-.03	2.5 *	-0.17	
		2	Sometimes	92	42	2,687	41	6,096	39	457	41								
		3	Often	62	28	1,988	30	4,465	29	364	32								
		4	Very often	25	11	788	12	2,017	13	158	14								
			Total	220	100	6,564	100	15,603	100	1,126	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum	0	None	13	6	405	6	990	6	67	6	7.7	7.7	.01	7.7	.01	8.0	-.04	
		1.5	1-2	51	23	1,176	18	2,713	17	182	16								
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	51	23	1,870	28	4,465	29	297	26								
		8	6-10	47	21	1,396	21	3,366	22	270	24								
		13	11-15	24	11	768	12	1,790	11	147	13								
		18	16-20	10	5	400	6	969	6	74	7								
		23	More than 20	24	11	562	9	1,321	8	97	9								
			Total	220	100	6,577	100	15,614	100	1,134	100								
b. Between 6 and 10 pages	wrmednum	0	None	50	23	1,599	24	3,706	24	243	22	3.3	3.2	.03	3.4	-.03	3.4	-.03	
		1.5	1-2	83	38	2,393	36	5,285	34	402	36								
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	51	23	1,557	24	3,860	25	288	26								
		8	6-10	22	10	646	10	1,753	11	124	11								
		13	11-15	5	2	224	3	607	4	46	4								
		18	16-20	3	1	64	1	196	1	17	2								
		23	More than 20	4	2	79	1	191	1	7	1								
			Total	218	100	6,562	100	15,598	100	1,127	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count		Count		Count		Count		Mean		Mean		Mean		Mean	
				%		%		%		%		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
c. 11 pages or more	wrlongnum	0	None	100	46	3,418	52	7,712	49	553	49	1.7	1.5	.06	1.7	.00	1.6	.02	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	84	39	2,236	34	5,310	34	364	32								
	4	3-5	22	10	564	9	1,592	10	145	13									
	8	6-10	7	3	177	3	506	3	38	3									
	13	11-15	1	0	96	1	243	2	16	1									
	18	16-20	1	0	31	0	92	1	6	1									
	23	More than 20	3	1	45	1	138	1	4	0									
	Total			218	100	6,567	100	15,593	100	1,126	100								
Estimated number of assigned pages of student writing.	wpages											73.9	70.9	.04	75.4	-.02	75.7	-.02	
				(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)															
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	13	6	291	4	687	4	43	4	2.7	3.0 ***	-.30	3.1 ***	-.39	2.9 **	-.20	
		2	Sometimes	90	41	1,778	27	3,790	24	370	33								
		3	Often	61	28	2,169	33	4,767	30	371	33								
		4	Very often	56	25	2,344	36	6,392	41	349	31								
			Total	220	100	6,582	100	15,636	100	1,133	100								
b. People from an economic background other than your own	DDeconomic	1	Never	10	5	240	4	572	4	29	3	2.8	3.0 ***	-.26	3.1 ***	-.30	3.0 **	-.25	
		2	Sometimes	73	33	1,533	23	3,623	23	280	25								
		3	Often	86	39	2,597	40	5,563	36	467	41								
		4	Very often	51	23	2,204	34	5,862	38	353	31								
			Total	220	100	6,574	100	15,620	100	1,129	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	10	5	301	5	1,055	7	41	4	2.9	3.0 *	-.14	3.0	-.07	3.0 *	-.15	
		2	Sometimes	65	30	1,634	25	4,119	26	278	25								
		3	Often	83	38	2,249	34	4,882	31	420	37								
		4	Very often	62	28	2,398	36	5,578	36	391	35								
			Total	220	100	6,582	100	15,634	100	1,130	100								
d. People with political views other than your own	DDpolitical	1	Never	6	3	291	4	913	6	43	4	3.0	3.0	.06	2.9 *	.14	3.0	.03	
		2	Sometimes	57	26	1,827	28	4,724	30	299	27								
		3	Often	81	37	2,219	34	4,903	31	395	35								
		4	Very often	76	35	2,240	34	5,094	33	390	35								
			Total	220	100	6,577	100	15,634	100	1,127	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
				%	%	%	%	%	%										
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	5	2	152	2	391	3	27	2	3.0	3.1	-.05	3.1	-.11	3.1	-.05	
		2	Sometimes	48	22	1,326	20	2,904	19	230	20								
		3	Often	101	46	2,990	45	6,688	43	506	45								
		4	Very often	66	30	2,113	32	5,652	36	366	32								
		Total		220	100	6,581	100	15,635	100	1,129	100								
b. Reviewed your notes after class	LSnotes	1	Never	31	14	594	9	1,342	9	93	8	2.6	2.7 *	-.14	2.8 **	-.18	2.7	-.09	
		2	Sometimes	74	34	2,219	34	5,090	33	428	38								
		3	Often	65	30	2,129	32	4,963	32	350	31								
		4	Very often	49	22	1,634	25	4,248	27	256	23								
		Total		219	100	6,576	100	15,643	100	1,127	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	24	11	508	8	1,274	8	76	7	2.7	2.8	-.09	2.8	-.10	2.7	-.04	
		2	Sometimes	68	31	2,078	32	4,872	31	405	36								
		3	Often	83	38	2,493	38	5,725	37	417	37								
		4	Very often	45	20	1,498	23	3,758	24	231	20								
		Total		220	100	6,577	100	15,629	100	1,129	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	2	1	68	1	188	1	15	1	5.4	5.4	.00	5.5	-.07	5.4	.02	
		2		3	1	90	1	244	2	17	2								
		3		12	5	328	5	714	5	45	4								
		4		24	11	754	11	1,628	10	141	13								
		5		69	31	2,174	33	4,770	31	391	35								
		6		68	31	1,703	26	4,090	26	278	25								
		7	Very much	42	19	1,441	22	3,968	25	241	21								
		Total		220	100	6,558	100	15,602	100	1,128	100								
11. Which of the following have you done or do you plan to do before you graduate?^o																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		17	8	621	9	1,649	11	126	11	41%	47%	-.12	48% *	-.14	53% **	-.23	
		Do not plan to do		57	26	1,308	20	2,829	18	173	15								
		Plan to do		55	25	1,551	24	3,578	23	236	21								
		Done or in progress		91	41	3,102	47	7,581	48	593	53								
		Total		220	100	6,582	100	15,637	100	1,128	100								

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			UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
Item wording or description	Variable name ^l	Values ^m	Response options		Count	%	Count	%	Count	%	Count	%	Your seniors compared with					
			Count	%									Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	16	7	575	9	1,555	10	94	8	44%	44%	-.01	39%	.10	45%	-.03
			Do not plan to do	93	42	2,671	41	6,947	44	456	40							
			Plan to do	14	6	427	6	1,053	7	68	6							
			Done or in progress	96	44	2,904	44	6,063	39	511	45							
			Total	219	100	6,577	100	15,618	100	1,129	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	21	10	780	12	2,021	13	127	11	21%	22%	-.02	22%	-.03	20%	.02
			Do not plan to do	136	62	3,845	59	8,899	57	701	62							
			Plan to do	16	7	515	8	1,224	8	71	6							
			Done or in progress	46	21	1,430	22	3,471	22	230	20							
			Total	219	100	6,570	100	15,615	100	1,129	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	26	12	565	9	1,620	10	108	10	13%	19% *	-.18	20% *	-.19	23% ***	-.26
			Do not plan to do	154	70	4,253	65	9,830	63	677	60							
			Plan to do	12	5	489	7	1,098	7	86	8							
			Done or in progress	28	13	1,260	19	3,069	20	255	23							
			Total	220	100	6,567	100	15,617	100	1,126	100							
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	24	11	852	13	2,251	14	139	12	40%	30% **	.21	31% **	.18	33%	.14
			Do not plan to do	81	37	3,006	46	6,565	42	450	40							
			Plan to do	28	13	763	12	2,009	13	167	15							
			Done or in progress	87	40	1,957	30	4,805	31	373	33							
			Total	220	100	6,578	100	15,630	100	1,129	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	9	4	499	8	1,443	9	100	9	64%	50% ***	.28	47% ***	.35	51% ***	.26
			Do not plan to do	12	5	1,324	20	3,432	22	206	18							
			Plan to do	59	27	1,475	22	3,482	22	253	22							
			Done or in progress	140	64	3,270	50	7,278	47	573	51							
			Total	220	100	6,568	100	15,635	100	1,132	100							

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

servcourse	1	2	3	4	Total	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ
1	None	98	45	2,684	41	6,924	44	489	43	1.7	1.7	-.05	1.6	.01	1.6	.02	
2	Some	106	48	3,374	51	7,519	48	566	50								
3	Most	11	5	439	7	978	6	67	6								
4	All	5	2	74	1	209	1	7	1								
Total		220	100	6,571	100	15,630	100	1,129	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	4	2	65	1	219	1	11	1	5.4							
		2		2	1	104	2	299	2	18	2								
		3		16	7	258	4	736	5	45	4								
		4		16	7	745	11	1,960	13	142	13								
		5		59	27	1,802	27	4,267	27	283	25								
		6		66	30	1,842	28	4,034	26	373	33								
		7	Excellent	48	22	1,673	25	3,933	25	237	21								
		—	Not applicable	8	4	92	1	195	1	21	2								
			Total	219	100	6,581	100	15,643	100	1,130	100								
b. Academic advisors	QIadvisor	1	Poor	15	7	236	4	849	5	39	3	5.1							
		2		9	4	301	5	962	6	63	6								
		3		23	10	468	7	1,304	8	74	7								
		4		29	13	814	12	2,080	13	121	11								
		5		33	15	1,266	19	2,906	19	219	19								
		6		37	17	1,310	20	2,888	18	249	22								
		7	Excellent	74	34	2,147	33	4,441	28	353	31								
		—	Not applicable	0	0	40	1	214	1	11	1								
			Total	220	100	6,582	100	15,644	100	1,129	100								
c. Faculty	QIfaculty	1	Poor	6	3	64	1	212	1	9	1	5.2							
		2		6	3	95	1	326	2	25	2								
		3		12	5	271	4	716	5	43	4								
		4		38	17	806	12	1,873	12	138	12								
		5		62	28	1,694	26	3,757	24	274	24								
		6		42	19	1,961	30	4,446	28	357	32								
		7	Excellent	53	24	1,652	25	4,227	27	274	24								
		—	Not applicable	1	0	33	1	75	0	10	1								
			Total	220	100	6,576	100	15,632	100	1,130	100								

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				UND		Plains Public		Carnegie Class		One UND		UND		Your seniors compared with					
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	9	4	193	3	755	5	30	3	4.9	5.1	-.11	4.8	.05	5.1	-.11	
		2		6	3	216	3	763	5	48	4								
		3		21	10	475	7	1,281	8	81	7								
		4		35	16	886	13	2,204	14	150	13								
		5		48	22	1,378	21	2,951	19	213	19								
		6		33	15	1,261	19	2,560	16	227	20								
		7	Excellent	38	17	1,164	18	2,429	16	201	18								
		—	Not applicable	30	14	1,008	15	2,693	17	178	16								
Total				220	100	6,581	100	15,636	100	1,128	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	15	7	235	4	888	6	52	5	4.8	5.1 *	▽	-.17	4.8	.00	4.9	-.07
		2		11	5	245	4	816	5	52	5								
		3		16	7	463	7	1,343	9	79	7								
		4		39	18	983	15	2,570	16	189	17								
		5		48	22	1,515	23	3,344	21	241	21								
		6		33	15	1,447	22	2,905	19	265	23								
		7	Excellent	46	21	1,299	20	2,790	18	187	17								
		—	Not applicable	12	5	391	6	985	6	64	6								
Total				220	100	6,578	100	15,641	100	1,129	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	12	5	116	2	365	2	25	2	2.9	3.0	-.13	3.1 **	-.18	3.0	-.08	
		2	Some	48	22	1,414	22	3,105	20	254	22								
		3	Quite a bit	102	47	3,192	49	7,254	46	554	49								
		4	Very much	57	26	1,853	28	4,898	31	296	26								
		Total				219	100	6,575	100	15,622	100								1,129
b. Providing support to help students succeed academically	SEacademic	1	Very little	19	9	291	4	860	6	51	5	2.7	2.9 **	▽	-.22	2.9 **	-.20	2.9 *	-.17
		2	Some	66	30	1,677	26	3,985	26	304	27								
		3	Quite a bit	89	41	2,995	46	6,780	43	521	46								
		4	Very much	43	20	1,604	24	3,993	26	249	22								
		Total				217	100	6,567	100	15,618	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	25	11	530	8	1,270	8	71	6	2.7	2.8 **	▽	-.20	2.9 ***	-.23	2.8 *	-.19
		2	Some	66	30	1,737	26	3,986	26	334	30								
		3	Quite a bit	90	41	2,636	40	6,061	39	459	41								
		4	Very much	39	18	1,668	25	4,314	28	266	24								
		Total				220	100	6,571	100	15,631	100								

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

Seniors^a in Arts & Sciences

Item wording or description				Variable name ^l				Frequency Distributions				Statistical Comparisons ^k														
								UND		Plains Public		Carnegie Class		One UND		Your seniors compared with										
								Count	%	Count	%	Count	%	Count	%	UND	Plains Public	Effect size ⁿ	Carnegie Class	Effect size ⁿ	One UND	Effect size ⁿ				
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)				SEdiverse				1		Very little		51	23	887	14	2,716	17	180	16	2.3	2.6 ***	-0.31	2.5 **	-0.22	2.5 **	-0.19
								2		Some		81	37	2,132	32	5,056	32	410	36							
								3		Quite a bit		58	26	2,317	35	4,729	30	346	31							
								4		Very much		30	14	1,229	19	3,096	20	192	17							
								Total				220	100	6,565	100	15,597	100	1,128	100							
e. Providing opportunities to be involved socially				SEsocial				1		Very little		19	9	409	6	1,324	8	71	6	2.7	2.9 **	-0.19	2.8 *	-0.13	2.8	-0.12
								2		Some		70	32	1,707	26	4,215	27	322	29							
								3		Quite a bit		89	41	2,849	43	6,067	39	498	44							
								4		Very much		41	19	1,599	24	4,000	26	236	21							
								Total				219	100	6,564	100	15,606	100	1,127	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)				SEwellness				1		Very little		20	9	567	9	1,850	12	96	9	2.8	2.8	.02	2.7	.10	2.8	-0.02
								2		Some		55	25	1,869	28	4,552	29	286	25							
								3		Quite a bit		94	43	2,606	40	5,653	36	476	42							
								4		Very much		50	23	1,521	23	3,543	23	271	24							
								Total				219	100	6,563	100	15,598	100	1,129	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)				SEnonacad				1		Very little		90	41	2,235	34	5,916	38	377	34	1.9	2.0	-0.11	2.0	-0.06	2.0	-0.05
								2		Some		74	34	2,494	38	5,539	36	475	42							
								3		Quite a bit		36	17	1,300	20	2,801	18	208	18							
								4		Very much		18	8	536	8	1,341	9	65	6							
								Total				218	100	6,565	100	15,597	100	1,125	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)				SEactivities				1		Very little		29	13	721	11	2,101	13	99	9	2.6	2.7	-0.04	2.6	.01	2.7	-0.10
								2		Some		60	27	2,103	32	4,946	32	361	32							
								3		Quite a bit		96	44	2,457	37	5,432	35	432	38							
								4		Very much		35	16	1,281	20	3,126	20	233	21							
								Total				220	100	6,562	100	15,605	100	1,125	100							
i. Attending events that address important social, economic, or political issues				SEevents				1		Very little		54	25	1,118	17	3,106	20	178	16	2.2	2.4 **	-0.22	2.3 **	-0.19	2.4 **	-0.22
								2		Some		93	42	2,696	41	6,011	39	487	43							
								3		Quite a bit		55	25	1,976	30	4,406	28	347	31							
								4		Very much		18	8	777	12	2,077	13	116	10							
								Total				220	100	6,567	100	15,600	100	1,128	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

Seniors^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options																
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	30	0	71	0	5	0	16.1	14.5 * ▲	.18	15.3	.09	16.1	.00	
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	24	11	911	14	2,014	13	118	10								
		8	6-10 hrs	51	23	1,551	24	3,384	22	234	21								
		13	11-15 hrs	42	19	1,368	21	3,291	21	230	20								
		18	16-20 hrs	37	17	1,204	18	2,807	18	208	18								
		23	21-25 hrs	27	12	685	10	1,652	11	128	11								
		28	26-30 hrs	13	6	378	6	1,033	7	91	8								
		33	More than 30 hrs	26	12	436	7	1,360	9	111	10								
			Total	220	100	6,563	100	15,612	100	1,125	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	75	34	2,238	34	6,618	42	385	34	4.6	5.5 * ▼	-.12	4.7	-.02	5.2	-.08	
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	82	37	2,152	33	4,497	29	388	34								
		8	6-10 hrs	39	18	985	15	2,056	13	173	15								
		13	11-15 hrs	6	3	527	8	1,125	7	82	7								
		18	16-20 hrs	10	5	325	5	647	4	53	5								
		23	21-25 hrs	3	1	175	3	313	2	27	2								
		28	26-30 hrs	1	0	59	1	128	1	10	1								
		33	More than 30 hrs	3	1	99	2	206	1	11	1								
			Total	219	100	6,560	100	15,590	100	1,129	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	141	64	4,173	64	10,056	64	630	56	4.8	4.9	-.01	4.9	-.01	6.3 *	-.17	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	14	6	324	5	687	4	56	5								
		8	6-10 hrs	21	10	596	9	1,385	9	125	11								
		13	11-15 hrs	15	7	570	9	1,261	8	135	12								
		18	16-20 hrs	12	5	545	8	1,437	9	98	9								
		23	21-25 hrs	9	4	180	3	369	2	27	2								
		28	26-30 hrs	1	0	71	1	154	1	24	2								
		33	More than 30 hrs	6	3	96	1	249	2	33	3								
			Total	219	100	6,555	100	15,598	100	1,128	100								

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Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

Seniors^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k						
				UND		Plains Public		Carnegie Class		One UND		UND		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	
														Mean	Effect size ⁿ		Mean	Effect size ⁿ
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	90	41	2,576	39	6,890	44	564	50	12.0	12.1	-.01	11.4	.05	9.3 **	.23
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	3	346	5	874	6	72	6							
	8	6-10 hrs	17	8	445	7	976	6	73	6								
	13	11-15 hrs	17	8	561	9	1,086	7	78	7								
	18	16-20 hrs	25	11	736	11	1,491	10	106	9								
	23	21-25 hrs	22	10	616	9	1,138	7	71	6								
	28	26-30 hrs	15	7	407	6	834	5	47	4								
	33	More than 30 hrs	27	12	874	13	2,316	15	114	10								
	Total			220	100	6,561	100	15,605	100	1,125	100							
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									16.9	17.0	-.01	16.2	.05	15.5	.11
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	97	44	3,286	50	7,908	51	629	56	3.0	2.9	.02	3.0	.00	2.3	.14
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	87	40	2,335	36	5,285	34	390	35							
	8	6-10 hrs	22	10	501	8	1,286	8	56	5								
	13	11-15 hrs	8	4	205	3	523	3	20	2								
	18	16-20 hrs	3	1	125	2	324	2	18	2								
	23	21-25 hrs	0	0	57	1	132	1	5	0								
	28	26-30 hrs	1	0	17	0	43	0	6	1								
	33	More than 30 hrs	1	0	39	1	122	1	5	0								
	Total			219	100	6,565	100	15,623	100	1,129	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	5	2	127	2	418	3	30	3	11.7	11.7	.00	10.9	.09	11.2	.05
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	51	23	1,527	23	4,160	27	275	24							
	8	6-10 hrs	62	28	1,856	28	4,367	28	306	27								
	13	11-15 hrs	40	18	1,278	19	3,009	19	241	21								
	18	16-20 hrs	31	14	897	14	1,821	12	138	12								
	23	21-25 hrs	15	7	371	6	768	5	59	5								
	28	26-30 hrs	7	3	169	3	322	2	25	2								
	33	More than 30 hrs	9	4	342	5	739	5	52	5								
	Total			220	100	6,567	100	15,604	100	1,126	100							

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Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

Seniors^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k										
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND				
												Mean		Effect size ⁿ		Effect size ⁿ		Effect size ⁿ				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ				
<i>Your seniors compared with</i>																						
g. Providing care for dependents (children, parents, etc.) (Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)				0	0 hrs	170	77	4,948	75	10,836	69	916	81	3.8	4.0	-.02	4.6	-.09	2.9	.10		
				3	1-5 hrs	19	9	537	8	1,657	11	83	7									
				8	6-10 hrs	5	2	233	4	749	5	26	2									
				13	11-15 hrs	2	1	151	2	448	3	13	1									
				18	16-20 hrs	3	1	112	2	351	2	16	1									
				23	21-25 hrs	4	2	65	1	178	1	7	1									
				28	26-30 hrs	1	0	45	1	131	1	4	0									
				33	More than 30 hrs	16	7	478	7	1,251	8	63	6									
						Total		220	100	6,569	100	15,601	100								1,128	100
				h. Commuting to campus (driving, walking, etc.) (Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)				0	0 hrs	34	16	991	15								2,495	16
3	1-5 hrs	155	71					4,069	62	8,490	54	737	65									
8	6-10 hrs	18	8					933	14	2,800	18	153	14									
13	11-15 hrs	7	3					272	4	914	6	34	3									
18	16-20 hrs	1	0					130	2	370	2	15	1									
23	21-25 hrs	2	1					48	1	172	1	7	1									
28	26-30 hrs	0	0					30	0	93	1	0	0									
33	More than 30 hrs	2	1					101	2	289	2	13	1									
		Total		219	100	6,574	100	15,623	100	1,126	100											
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																						
reading (Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)				1	Very little	32	15	944	14	2,213	14	168	15	3.0	2.8 *	.15	2.9	.10	2.8 *	.15		
				2	Some	48	22	1,969	30	4,327	28	353	31									
				3	About half	49	22	1,701	26	4,035	26	265	23									
				4	Most	72	33	1,334	20	3,422	22	223	20									
				5	Almost all	18	8	623	9	1,611	10	120	11									
						Total		219	100	6,571	100	15,608	100								1,129	100
tmreadinghrs (Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)												8.3	6.8 **	.25	7.3	.15	7.3 *	.16				

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Seniors^a in Arts & Sciences

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k							
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
	tmreadinghrscol	1	0 hrs	0	0	30	0	69	0	5	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	84	38	3,230	49	7,134	46	503	45								
		3	More than 5, up to 10 hrs	74	34	1,954	30	4,688	30	370	33								
		4	More than 10, up to 15 hrs	29	13	666	10	1,668	11	106	9								
		5	More than 15, up to 20 hrs	12	5	340	5	994	6	70	6								
		6	More than 20, up to 25 hrs	15	7	209	3	694	4	46	4								
		7	More than 25 hrs	5	2	116	2	308	2	24	2								
			Total	219	100	6,545	100	15,555	100	1,124	100								

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

a. Writing clearly and effectively	pgwrite	1	Very little	13	6	370	6	902	6	59	5	2.9	3.0	-.08	3.0	-.11	2.9	-.03
		2	Some	51	23	1,453	22	3,429	22	291	26							
		3	Quite a bit	96	44	2,606	40	5,750	37	429	38							
		4	Very much	59	27	2,139	33	5,523	35	350	31							
			Total	219	100	6,568	100	15,604	100	1,129	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	26	12	528	8	1,251	8	89	8	2.7	2.9 **	-.19	2.9 **	-.22	2.8	-.09
		2	Some	70	32	1,720	26	4,004	26	360	32							
		3	Quite a bit	70	32	2,448	37	5,616	36	410	36							
		4	Very much	53	24	1,877	29	4,754	30	272	24							
			Total	219	100	6,573	100	15,625	100	1,131	100							
c. Thinking critically and analytically	pgthink	1	Very little	5	2	143	2	403	3	29	3	3.2	3.3	-.07	3.3	-.07	3.3	-.02
		2	Some	29	13	832	13	2,026	13	147	13							
		3	Quite a bit	95	43	2,581	39	5,776	37	462	41							
		4	Very much	91	41	3,030	46	7,417	47	492	44							
			Total	220	100	6,586	100	15,622	100	1,130	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	19	9	779	12	2,118	14	132	12	2.7	2.8	-.01	2.7	.01	2.8	-.03
		2	Some	67	30	1,859	28	4,288	27	302	27							
		3	Quite a bit	86	39	2,167	33	4,855	31	391	35							
		4	Very much	48	22	1,774	27	4,360	28	306	27							
			Total	220	100	6,579	100	15,621	100	1,131	100							

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				Frequency Distributions								Statistical Comparisons ^k									
				UND		Plains Public		Carnegie Class		One UND		UND		Your seniors compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		Mean	Effect size ⁿ	
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ			
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	29	13	600	9	1,734	11	103	9	2.6	2.8 ***	-0.29	2.8 **	-0.22	2.8 **	-0.22			
		2	Some	78	36	1,748	27	4,347	28	343	30										
		3	Quite a bit	72	33	2,340	36	5,162	33	387	34										
		4	Very much	40	18	1,890	29	4,381	28	293	26										
		Total		219	100	6,578	100	15,624	100	1,126	100										
f. Working effectively with others	pgothers	1	Very little	14	6	335	5	944	6	82	7	2.8	3.0 **	-0.19	3.0	-0.13	2.9	-0.05			
		2	Some	62	28	1,470	22	3,816	24	291	26										
		3	Quite a bit	89	41	2,652	40	5,913	38	440	39										
		4	Very much	54	25	2,119	32	4,954	32	316	28										
		Total		219	100	6,576	100	15,627	100	1,129	100										
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	38	17	787	12	2,040	13	165	15	2.5	2.8 ***	-0.23	2.8 **	-0.21	2.6	-0.10			
		2	Some	72	33	1,729	26	4,191	27	334	30										
		3	Quite a bit	63	29	2,308	35	5,023	32	363	32										
		4	Very much	47	21	1,759	27	4,368	28	263	23										
		Total		220	100	6,583	100	15,622	100	1,125	100										
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	34	16	547	8	1,738	11	110	10	2.5	2.9 ***	-0.35	2.8 ***	-0.25	2.7 **	-0.20			
		2	Some	75	34	1,698	26	4,307	28	347	31										
		3	Quite a bit	66	30	2,352	36	5,011	32	398	35										
		4	Very much	44	20	1,986	30	4,565	29	274	24										
		Total		219	100	6,583	100	15,621	100	1,129	100										
i. Solving complex real-world problems	pgprobsolve	1	Very little	30	14	581	9	1,662	11	105	9	2.6	2.8 **	-0.18	2.7	-0.13	2.7	-0.09			
		2	Some	69	31	1,911	29	4,660	30	378	34										
		3	Quite a bit	76	35	2,411	37	5,282	34	394	35										
		4	Very much	45	20	1,682	26	4,006	26	251	22										
		Total		220	100	6,585	100	15,610	100	1,128	100										
j. Being an informed and active citizen	pgcitizen	1	Very little	40	18	802	12	2,227	14	152	13	2.4	2.7 ***	-0.28	2.7 **	-0.22	2.6 *	-0.17			
		2	Some	81	37	1,948	30	4,728	30	378	33										
		3	Quite a bit	61	28	2,164	33	4,803	31	371	33										
		4	Very much	38	17	1,670	25	3,871	25	231	20										
		Total		220	100	6,584	100	15,629	100	1,132	100										

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Arts & Sciences

University of North Dakota

Seniors^a in Arts & Sciences

				Frequency Distributions								Statistical Comparisons ^k									
				UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND			
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ		Effect size ⁿ		Effect size ⁿ			
				%	%	%	%	%	%	Mean	Mean			Mean	Mean						
18. How would you evaluate your entire educational experience at this institution?																					
	evalexp	1	Poor	11	5	145	2	473	3	34	3	2.9	▼	3.2 ***	-.44	▼	3.2 ***	-.40	▼	3.2 ***	-.39
		2	Fair	55	25	793	12	1,970	13	135	12										
		3	Good	97	44	3,066	47	7,017	45	530	47										
		4	Excellent	55	25	2,586	39	6,198	40	432	38										
		Total		218	100	6,590	100	15,658	100	1,131	100										
19. If you could start over again, would you go to the same institution you are now attending?																					
	sameinst	1	Definitely no	17	8	262	4	864	6	51	5	2.9	▼	3.2 ***	-.40	▼	3.2 ***	-.34	▼	3.2 ***	-.36
		2	Probably no	53	24	885	13	2,136	14	150	13										
		3	Probably yes	90	41	2,682	41	6,173	39	471	42										
		4	Definitely yes	60	27	2,767	42	6,510	42	458	41										
		Total		220	100	6,596	100	15,683	100	1,130	100										

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Arts & Sciences

University of North Dakota

Arts & Sciences

			First-Year Students ^a								Seniors ^a								
Item wording or description	Variable name	Response options	UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
21a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	127	71	3,970	77	10,615	77	596	72	140	64	4,954	75	12,128	77	779	69	
		More than one	51	29	1,198	23	3,240	23	236	28	79	36	1,645	25	3,588	23	352	31	
		Total	178	100	5,168	100	13,855	100	832	100	219	100	6,599	100	15,716	100	1,131	100	
	First major or expected first major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJfirstcol <i>(Recoded from MAJfirst.)</i>	Arts & Humanities	18	10	956	18	2,656	19	143	17	24	11	1,081	16	2,981	19	181	16
			Biological Sci., Agriculture, & Natural Resources	51	29	1,315	25	3,208	23	205	24	48	22	1,575	24	2,894	18	318	28
			Physical Sci., Mathematics, & Computer Science	19	11	625	12	2,031	15	118	14	35	16	757	11	2,071	13	156	14
			Social Sciences	41	23	936	18	2,570	18	175	21	42	19	1,158	18	3,173	20	206	18
			Business	2	1	67	1	233	2	13	2	0	0	114	2	217	1	18	2
			Communications, Media, & Public Relations	7	4	571	11	1,219	9	87	10	13	6	795	12	1,428	9	96	8
			Education	1	1	55	1	131	1	10	1	5	2	87	1	182	1	13	1
Engineering			0	0	21	0	140	1	6	1	7	3	45	1	211	1	15	1	
Health Professions			6	3	59	1	149	1	6	1	3	1	76	1	169	1	23	2	
Social Service Professions			26	15	349	7	911	7	48	6	32	14	335	5	940	6	62	5	
All Other	7	4	230	4	664	5	25	3	12	5	593	9	1,495	9	48	4			
Undecided, Undeclared	0	0	4	0	16	0	3	0	0	0	1	0	4	0	0	0			
Total	178	100	5,188	100	13,928	100	839	100	221	100	6,617	100	15,765	100	1,136	100			
Second major or expected second major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJsecondcol <i>(Recoded from MAJsecond.)</i>	Arts & Humanities	12	24	292	24	906	28	60	26	20	25	418	26	1,035	29	84	24	
		Biological Sci., Agriculture, & Natural Resources	4	8	108	9	277	9	29	12	3	4	154	9	317	9	81	23	
		Physical Sci., Mathematics, & Computer Science	9	18	140	12	345	11	25	11	6	8	193	12	376	11	45	13	
		Social Sciences	13	26	275	23	668	21	52	22	20	25	397	24	805	23	58	16	
		Business	0	0	73	6	167	5	15	6	3	4	63	4	123	3	19	5	
		Communications, Media, & Public Relations	3	6	79	7	208	6	20	9	2	3	85	5	207	6	19	5	
		Education	2	4	34	3	69	2	6	3	3	4	44	3	125	3	9	3	
		Engineering	0	0	7	1	46	1	2	1	2	3	16	1	40	1	1	0	
		Health Professions	2	4	43	4	155	5	10	4	0	0	71	4	148	4	12	3	
		Social Service Professions	4	8	72	6	195	6	10	4	9	11	82	5	165	5	13	4	
All Other	1	2	44	4	94	3	2	1	10	13	93	6	198	6	9	3			
Undecided, Undeclared	0	0	28	2	94	3	4	2	1	1	23	1	38	1	2	1			
Total	50	100	1,195	100	3,224	100	235	100	79	100	1,639	100	3,577	100	352	100			
22. What is your class level?	class	Freshman/First-year	171	96	4,568	89	12,183	89	738	89	1	0	14	0	35	0	3	0	
		Sophomore	5	3	495	10	1,278	9	79	10	3	1	50	1	114	1	15	1	
		Junior	2	1	56	1	244	2	9	1	29	13	599	9	1,165	7	125	11	
		Senior	0	0	7	0	27	0	2	0	182	83	5,781	88	14,012	90	958	85	
		Unclassified	0	0	11	0	34	0	2	0	4	2	131	2	272	2	27	2	
		Total	178	100	5,137	100	13,766	100	830	100	219	100	6,575	100	15,598	100	1,128	100	

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Arts & Sciences

University of North Dakota

Arts & Sciences

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
23. Thinking about this current academic term, are you a full-time student?	fulltime	No	0	0	125	2	353	3	16	2	33	15	1,049	16	2,952	19	157	14
		Yes	176	100	4,998	98	13,380	97	816	98	183	85	5,495	84	12,584	81	964	86
		Total	176	100	5,123	100	13,733	100	832	100	216	100	6,544	100	15,536	100	1,121	100
24a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	7	0	36	0	3	0	0	0	47	1	267	2	14	1
		1	0	0	12	0	54	0	4	0	11	5	189	3	547	4	34	3
		2	0	0	41	1	105	1	5	1	5	2	392	6	1,233	8	56	5
		3	1	1	148	3	315	2	17	2	17	8	581	9	1,550	10	93	8
		4	16	9	1,398	27	2,798	20	233	28	48	22	2,081	32	4,560	29	369	33
		5	67	38	2,138	42	5,879	43	319	38	70	32	1,919	29	4,207	27	346	31
		6	46	26	812	16	2,937	21	149	18	44	20	745	11	1,888	12	110	10
		7 or more	48	27	589	11	1,661	12	101	12	23	11	626	10	1,365	9	106	9
Total	178	100	5,145	100	13,785	100	831	100	218	100	6,580	100	15,617	100	1,128	100		
b. Of these, how many are entirely online ?	onlinenum	0	152	85	3,761	73	11,241	82	574	69	136	62	3,402	52	9,907	64	590	52
		1	17	10	981	19	1,757	13	188	23	42	19	1,709	26	3,027	19	294	26
		2	3	2	237	5	441	3	41	5	15	7	805	12	1,356	9	142	13
		3	3	2	78	2	140	1	14	2	10	5	323	5	604	4	52	5
		4	2	1	43	1	82	1	5	1	8	4	162	2	369	2	24	2
		5	0	0	17	0	26	0	3	0	4	2	61	1	118	1	12	1
		6	1	1	9	0	21	0	1	0	1	0	51	1	98	1	5	0
		7 or more	0	0	4	0	20	0	1	0	2	1	52	1	87	1	6	1
Total	178	100	5,130	100	13,728	100	827	100	218	100	6,565	100	15,566	100	1,125	100		
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum.)	onlinecscol	No courses taken online	152	85	3,761	73	11,241	82	574	69	136	62	3,402	52	9,906	64	590	52
		Some courses taken online	22	12	1,276	25	2,268	17	244	30	55	25	2,613	40	4,390	28	446	40
		All courses taken online	4	2	93	2	219	2	9	1	27	12	550	8	1,269	8	89	8
		Total	178	100	5,130	100	13,728	100	827	100	218	100	6,565	100	15,565	100	1,125	100
25. What have most of your grades been up to now at this institution?	grades	C- or lower	4	2	78	2	196	1	16	2	0	0	29	0	59	0	4	0
		C	3	2	92	2	284	2	18	2	3	1	113	2	264	2	16	1
		C+	5	3	177	3	481	3	22	3	2	1	218	3	538	3	35	3
		B-	5	3	242	5	753	5	49	6	10	5	364	6	892	6	56	5
		B	24	13	813	16	2,055	15	110	13	31	14	1,173	18	2,510	16	188	17
		B+	21	12	803	16	2,310	17	129	16	23	11	1,054	16	2,693	17	178	16
		A-	41	23	1,091	21	3,144	23	165	20	37	17	1,281	19	3,441	22	218	19
		A	75	42	1,840	36	4,540	33	320	39	111	51	2,343	36	5,189	33	433	38
Total	178	100	5,136	100	13,763	100	829	100	217	100	6,575	100	15,586	100	1,128	100		
26. Did you begin college at this institution or elsewhere?	begincol	Started here	166	93	4,674	91	12,708	92	764	92	137	63	4,024	61	8,920	57	685	61
		Started elsewhere	12	7	455	9	1,040	8	64	8	82	37	2,543	39	6,657	43	441	39
		Total	178	100	5,129	100	13,748	100	828	100	219	100	6,567	100	15,577	100	1,126	100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Arts & Sciences

University of North Dakota

Arts & Sciences

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
27. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school	5	3	107	2	255	2	13	2	20	9	356	5	862	6	51	5
	attend_com	Community or junior college	7	4	493	10	1,184	9	60	7	57	26	2,347	36	6,085	39	420	37
	attend_col	4-year college or university other than this one	10	6	399	8	1,049	8	79	10	62	28	1,646	25	4,018	26	252	22
	attend_none	None	152	87	4,054	79	11,083	81	656	80	111	51	3,007	46	6,777	44	525	47
	attend_other	Other	2	1	154	3	356	3	23	3	11	5	210	3	556	4	49	4
28. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	11	6	345	7	778	6	51	6	18	8	391	6	927	6	63	6
		Bachelor's degree (B.A., B.S., etc.)	38	21	1,866	36	4,185	31	291	35	58	26	2,339	36	4,710	30	361	32
		Master's degree (M.A., M.S., etc.)	45	25	1,544	30	4,585	33	243	29	66	30	2,158	33	5,727	37	390	35
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	84	47	1,374	27	4,170	30	242	29	77	35	1,673	25	4,198	27	313	28
		Total	178	100	5,129	100	13,718	100	827	100	219	100	6,561	100	15,562	100	1,127	100
29. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	3	2	169	3	638	5	39	5	4	2	213	3	839	5	32	3
		High school diploma or G.E.D.	22	12	714	14	2,032	15	103	13	29	13	926	14	2,664	17	152	14
		Attended college, but did not complete degree	15	8	505	10	1,382	10	77	9	17	8	675	10	1,664	11	115	10
		Associate's degree (A.A., A.S., etc.)	30	17	509	10	1,068	8	64	8	28	13	669	10	1,335	9	109	10
		Bachelor's degree (B.A., B.S., etc.)	59	33	1,706	33	4,100	30	284	35	75	34	2,155	33	4,409	28	370	33
		Master's degree (M.A., M.S., etc.)	33	19	1,108	22	3,163	23	183	22	40	18	1,406	21	3,194	21	232	21
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	16	9	399	8	1,311	10	73	9	25	11	514	8	1,422	9	115	10
		Total	178	100	5,110	100	13,694	100	823	100	218	100	6,558	100	15,527	100	1,125	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	108	61	3,213	63	8,574	63	540	66	140	64	4,075	62	9,025	58	717	64
		First-generation	70	39	1,897	37	5,120	37	283	34	78	36	2,483	38	6,502	42	408	36
		Total	178	100	5,110	100	13,694	100	823	100	218	100	6,558	100	15,527	100	1,125	100
30. What is your gender identity?	genderid	Man	52	29	1,626	32	4,135	30	259	31	67	31	2,223	34	5,011	32	393	35
		Woman	123	69	3,376	66	9,237	67	545	66	148	68	4,148	63	10,068	65	698	62
		Another gender identity	0	0	68	1	177	1	14	2	1	0	83	1	189	1	17	2
		I prefer not to respond	2	1	55	1	171	1	7	1	3	1	96	1	281	2	18	2
		Total	177	100	5,125	100	13,720	100	825	100	219	100	6,550	100	15,549	100	1,126	100
31. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	173	97	4,717	92	12,421	91	736	90	7	3	51	1	129	1	22	2
		20-23	3	2	268	5	968	7	64	8	157	72	4,788	73	10,173	66	804	72
		24-29	1	1	62	1	131	1	15	2	26	12	867	13	2,752	18	148	13
		30-39	1	1	39	1	77	1	3	0	15	7	445	7	1,278	8	79	7
		40-55	0	0	19	0	49	0	1	0	11	5	300	5	916	6	50	5
		Over 55	0	0	8	0	14	0	2	0	1	0	67	1	178	1	8	1
		Total	178	100	5,113	100	13,660	100	821	100	217	100	6,518	100	15,426	100	1,111	100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Arts & Sciences

University of North Dakota

Arts & Sciences

			First-Year Students ^a								Seniors ^a								
Item wording or description	Variable name	Response options	UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
32a. Are you an international student?	internat	No	174	98	4,905	96	13,151	96	750	91	216	99	6,300	96	15,097	97	1,085	97	
		Yes	3	2	207	4	528	4	71	9	3	1	233	4	401	3	36	3	
		Total	177	100	5,112	100	13,679	100	821	100	219	100	6,533	100	15,498	100	1,121	100	
	[If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	countrycol <i>(Recoded from country.)</i>	Africa Sub-Saharan	0	0	32	18	24	5	18	29	0	0	9	4	17	5	4	13
			Asia	1	33	102	57	249	53	28	45	1	33	127	62	180	51	21	68
			Canada	2	67	2	1	25	5	1	2	0	0	5	2	23	7	1	3
			Europe	0	0	19	11	76	16	9	15	2	67	13	6	39	11	3	10
			Latin America and Caribbean	0	0	15	8	68	14	2	3	0	0	31	15	60	17	1	3
			Middle East and North Africa	0	0	9	5	25	5	4	6	0	0	20	10	27	8	1	3
			Oceania	0	0	0	0	5	1	0	0	0	0	1	0	4	1	0	0
Unknown region/uncoded			0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	100	179	100	473	100	62	100	3	100	206	100	350	100	31	100			
33. How would you describe yourself? (Select all that apply.)	re_amind re_asian re_black re_latino re_mena re_pacific re_white re_another re_other re_pnr	American Indian or Alaska Native	8	5	152	3	320	2	19	2	7	3	156	2	307	2	35	3	
		Asian	8	5	378	7	1,434	11	74	9	4	2	408	6	1,197	8	58	5	
		Black or African American	3	2	332	7	1,670	12	47	6	6	3	302	5	1,418	9	22	2	
		Hispanic or Latina/o	3	2	353	7	2,352	17	76	9	6	3	358	5	2,445	16	64	6	
		Middle Eastern or N. African (2019)	0	0	27	1	127	2	8	1	1	0	50	1	130	1	6	1	
		Native Hawaiian/Other Pac. Islander	2	1	37	1	166	1	6	1	0	0	33	1	131	1	9	1	
		White	163	92	4,157	81	9,011	66	649	80	199	92	5,417	83	10,634	69	976	87	
		Another race or ethnicity (2019)	1	1	22	1	101	1	5	1	2	1	40	1	151	2	8	1	
		Other (2018)	0	0	25	1	135	3	2	1	0	0	44	2	189	3	3	1	
		I prefer not to respond	3	2	97	2	311	2	16	2	5	2	200	3	577	4	40	4	
	Racial or ethnic identification	re_all19 <i>(Items re_amind to re_pnr recoded where each student is represented only once)</i>	American Indian or Alaska Native	3	2	52	1	58	0	5	1	4	2	48	1	55	0	6	1
			Asian	4	2	285	6	1,000	7	51	6	2	1	312	5	860	6	40	4
			Black or African American	2	1	224	4	1,226	9	36	4	3	1	224	3	1,116	7	12	1
			Hispanic or Latina/o	0	0	193	4	1,523	11	40	5	3	1	210	3	1,706	11	31	3
			Middle Eastern or N. African (2019)	0	0	16	0	66	0	5	1	1	0	28	0	66	0	3	0
			Native Hawaiian/Other Pac. Islander	1	1	4	0	37	0	2	0	0	0	9	0	37	0	2	0
			White	150	85	3,793	74	7,641	56	588	72	191	88	5,036	77	9,406	61	895	80
			Another race or ethnicity (2019)	0	0	10	0	45	0	2	0	0	0	15	0	66	0	2	0
			Other (2018)	0	0	15	0	72	1	2	0	0	0	28	0	127	1	1	0
Total	177	100	5,101	100	13,650	100	814	100	217	100	6,530	100	15,480	100	1,119	100			
34. Are you a member of a social fraternity or sorority?	greek	No	162	91	4,327	85	12,432	91	695	85	185	84	5,570	85	13,776	89	969	86	
		Yes	16	9	790	15	1,252	9	125	15	34	16	985	15	1,764	11	154	14	
		Total	178	100	5,117	100	13,684	100	820	100	219	100	6,555	100	15,540	100	1,123	100	

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Arts & Sciences

University of North Dakota

Arts & Sciences

			First-Year Students ^a								Seniors ^a							
Item wording or description	Variable name	Response options	UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
35. Which of the following best describes where you are living while attending college?	living18	Campus housing (other than a fraternity or sorority house)	144	81	3,864	76	9,394	69	639	78	23	11	680	10	1,852	12	135	12
		Fraternity or sorority house	2	1	94	2	78	1	37	4	9	4	149	2	158	1	46	4
		House, apartment, or other residence within walking distance to campus	10	6	291	6	940	7	49	6	48	22	2,096	32	4,305	28	421	37
		House, apartment, or other residence farther than walk. dist. to campus	18	10	791	16	3,043	22	90	11	118	54	3,309	51	8,408	54	467	42
		Not applicable: No campus, entirely online program, etc.	4	2	53	1	132	1	7	1	19	9	285	4	707	5	54	5
		Not applicable: Homeless or in transition	0	0	10	0	33	0	2	0	1	0	15	0	62	0	0	0
	Total		178	100	5,103	100	13,620	100	824	100	218	100	6,534	100	15,492	100	1,123	100
36. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	169	95	4,839	95	13,102	96	784	95	213	97	6,319	97	15,074	97	1,095	98
		Yes	9	5	270	5	555	4	38	5	6	3	227	3	430	3	27	2
		Total	178	100	5,109	100	13,657	100	822	100	219	100	6,546	100	15,504	100	1,122	100
37. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	177	99	5,039	99	13,505	99	811	99	207	95	6,310	96	14,802	96	1,069	96
		Yes	1	1	66	1	139	1	9	1	12	5	233	4	679	4	49	4
		Total	178	100	5,105	100	13,644	100	820	100	219	100	6,543	100	15,481	100	1,118	100
38a. Have you been diagnosed with any disability or impairment?	disability	No	149	84	4,201	82	11,227	82	700	85	185	85	5,306	81	12,277	79	884	79
		Yes	27	15	733	14	1,923	14	98	12	28	13	1,019	16	2,599	17	196	17
		I prefer not to respond	2	1	178	3	519	4	24	3	5	2	231	4	655	4	45	4
		Total	178	100	5,112	100	13,669	100	822	100	218	100	6,556	100	15,531	100	1,125	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense dis_mobility dis_learning dis_mental dis_other	A sensory impairment (vision or hearing)	4	15	90	12	271	14	13	13	5	19	109	11	294	11	16	8
		A mobility impairment	0	0	33	5	77	4	6	6	1	4	77	8	218	8	15	8
		A learning disability (e.g., ADHD, dyslexia)	7	26	250	34	721	38	31	32	9	33	388	38	964	37	70	36
		A mental health disorder	16	59	434	59	1,094	57	61	62	14	52	593	58	1,466	57	109	56
		A disability or impairment not listed above	5	19	107	15	291	15	14	14	4	15	177	17	493	19	37	19
		Disability or impairment	disability_all (Items dis_sense to dis_other recoded where each student is represented only once.)		1	1	57	1	159	1	5	1	2	1	46	1	151	1
			0	0	20	0	29	0	3	0	0	0	30	0	90	1	7	1
			6	3	140	3	411	3	17	2	7	3	198	3	511	3	39	3
			14	8	298	6	703	5	40	5	11	5	377	6	905	6	73	7
			3	2	59	1	164	1	8	1	2	1	94	1	246	2	22	2
			3	2	158	3	455	3	25	3	5	2	273	4	687	4	45	4
			149	84	4,201	82	11,227	82	700	85	185	85	5,306	81	12,277	79	884	79
			2	1	178	3	519	4	24	3	5	2	231	4	655	4	45	4
	Total		178	100	5,111	100	13,667	100	822	100	217	100	6,555	100	15,522	100	1,123	100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Arts & Sciences

University of North Dakota

Arts & Sciences

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			UND		Plains Public		Carnegie Class		One UND		UND		Plains Public		Carnegie Class		One UND	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
39. Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	148	84	4,090	80	10,684	78	659	80	192	88	5,327	81	12,297	79	908	81
		Bisexual	15	8	412	8	1,249	9	69	8	12	5	467	7	1,138	7	83	7
		Gay	2	1	97	2	263	2	12	1	2	1	149	2	377	2	20	2
		Lesbian	2	1	62	1	200	1	11	1	3	1	77	1	226	1	9	1
		Queer	1	1	55	1	155	1	13	2	0	0	91	1	245	2	13	1
		Questioning or unsure	1	1	118	2	311	2	15	2	2	1	82	1	215	1	8	1
		Another sexual orientation	1	1	118	2	310	2	21	3	0	0	118	2	287	2	25	2
		I prefer not to respond	7	4	163	3	512	4	22	3	8	4	242	4	738	5	58	5
Total			177	100	5,115	100	13,684	100	822	100	219	100	6,553	100	15,523	100	1,124	100
Institution-reported information (Variables provided by your institution in your NSSE population file.)																		
Institution-reported: Sex	IRsex19	Female	125	70	3,508	68	9,652	69	566	67	150	68	4,296	65	10,472	66	723	64
		Male	53	30	1,681	32	4,279	31	273	33	71	32	2,320	35	5,293	34	414	36
		Another	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
		Unknown	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0
		Total			178	100	5,189	100	13,933	100	839	100	221	100	6,620	100	15,770	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	3	2	51	1	49	0	1	0	3	1	61	1	61	0	15	1
		Asian	3	2	189	4	692	5	26	3	2	1	189	3	641	4	16	1
		Black or African American	0	0	218	4	1,255	10	23	3	3	1	232	4	1,214	8	8	1
		Hispanic or Latino	3	2	282	6	2,243	17	59	7	5	2	280	5	2,426	16	46	4
		Native Hawaiian/Other Pac. Islander	0	0	7	0	138	1	0	0	0	0	8	0	104	1	2	0
		White	150	84	3,647	75	7,201	55	586	73	189	86	4,788	78	9,199	62	858	78
		Other	0	0	0	0	19	0	0	0	0	0	0	0	18	0	0	0
		Foreign or nonresident	4	2	189	4	461	4	67	8	7	3	194	3	355	2	37	3
		Two or more races/ethnicities	12	7	248	5	616	5	26	3	6	3	258	4	552	4	54	5
Total			178	100	4,871	100	13,063	100	802	100	221	100	6,116	100	14,916	100	1,097	100
Institution-reported: Class level	IRclass	Freshman/First-Year	178	100	5,189	100	13,933	100	839	100	0	0	0	0	0	0	0	0
		Sophomore	0	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	221	100	6,620	100	15,770	100	1,137	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total			178	100	5,189	100	13,933	100	839	100	221	100	6,620	100	15,770	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	2	1	529	10	999	7	86	10	221	100	6,562	99	15,508	98	1,135	100
		First-time first-year	176	99	4,660	90	12,929	93	753	90	0	0	58	1	262	2	2	0
		Total			178	100	5,189	100	13,928	100	839	100	221	100	6,620	100	15,770	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	1	1	130	3	334	2	18	2	35	16	1,022	15	2,545	16	127	11
		Full-time	177	99	5,059	97	13,599	98	821	98	186	84	5,598	85	13,225	84	1,010	89
		Total			178	100	5,189	100	13,933	100	839	100	221	100	6,620	100	15,770	100

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 $\pm 1.96 * SEM$.
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI 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: $*p < .05$, $**p < .01$, $***p < .001$ (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.
- l. 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.
- △ **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.M., & Gonyea, R.M. (2018). Contextualizing effect sizes in the National Survey of Student Engagement: An empirical analysis. *Research & Practice in Assessment*, 13 (Summer/Fall), pp. 22-38.