
University of Minnesota Duluth

NSSE 2014 Major Field Report, Part II

Comparisons to Other Institutions

Education

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

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

Note:

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

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: Education.

NSSE results included in MFR, Part II

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

Majors

Self-reported majors (first major given, if two were reported) were identified from the survey. Your institution had the option to customize how these were grouped, using up to ten related-major categories. Institutions choosing not to customize their major categories receive NSSE's ten major field categories. 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.

Class

Results are presented separately by institution-reported class level. First-year students' majors may include undeclared but intended majors and much of the first-year experience may take place outside of the major field. As a result, first-year results should be interpreted with caution.

Technical Requirements

Major categories with fewer than 20 respondents in a given class are not reported (columns are blank). Comparison groups must also contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement, keep in mind that any statistical result requires a sufficient number of respondents per category to produce a reliable estimate. Due to the disaggregation of results by student-reported major, the Major Field Report results are unweighted.

Report Sections

Engagement Indicators (pp. 3-7)	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes adapted from the former Benchmarks of Effective Educational Practice. See your <i>Engagement Indicators</i> report for more details.
High-Impact Practices (p. 8)	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 (pp. 9-44)	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 (pp. 45-51)	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 Education			Seniors in Education		
		Your first-year students compared with UMD Peers	Your first-year students compared with Competitors	Your first-year students compared with National Comparison	Your seniors compared with UMD Peers	Your seniors compared with Competitors	Your seniors compared with National Comparison
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	--	--	--	--	--	▽

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Engagement Indicators: Education

University of Minnesota Duluth

First-year students^a in Education

	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												
UMD (N = 50)	39.2	12.1	1.72	20	35	40	45	60				
UMD Peers	38.2	13.5	.81	15	30	40	50	60	326	1.0		.074
Competitors	36.2	13.1	.70	15	25	40	45	60	395	3.0		.234
National Comparison	37.2	13.4	.57	15	30	40	45	60	597	2.0		.148
Reflective & Integrative Learning												
UMD (N = 53)	34.8	11.3	1.56	17	26	34	43	60				
UMD Peers	34.9	11.8	.70	17	26	34	43	57	334	-.1		-.009
Competitors	34.3	11.7	.62	17	26	34	41	57	403	.5		.043
National Comparison	34.7	12.3	.52	17	26	34	43	57	613	.1		.008
Learning Strategies												
UMD (N = 54)	37.5	13.4	1.83	20	27	40	47	60				
UMD Peers	39.2	13.9	.84	20	27	40	53	60	330	-1.6		-.118
Competitors	37.0	13.4	.72	20	27	33	47	60	400	.5		.040
National Comparison	38.1	14.3	.61	13	27	40	47	60	606	-.6		-.041
Quantitative Reasoning												
UMD (N = 51)	22.4	15.6	2.18	0	7	20	33	47				
UMD Peers	24.2	16.2	.96	0	13	20	33	60	332	-1.9		-.116
Competitors	23.1	14.8	.79	0	13	20	33	53	403	-.7		-.049
National Comparison	23.1	15.5	.66	0	13	20	33	53	611	-.8		-.051
Learning with Peers												
Collaborative Learning												
UMD (N = 53)	36.5	13.0	1.78	15	30	35	45	60				
UMD Peers	33.0	12.4	.74	15	25	30	40	60	330	3.5		.281
Competitors	33.1	12.8	.69	15	25	30	40	60	394	3.4		.262
National Comparison	32.8	12.7	.54	15	25	30	40	55	604	3.7	*	.288
Discussions with Diverse Others												
UMD (N = 54)	36.9	14.3	1.95	15	30	35	45	60				
UMD Peers	39.9	14.9	.88	20	30	40	55	60	334	-3.1		-.207
Competitors	36.9	15.0	.80	15	25	40	50	60	402	-.1		-.006
National Comparison	38.9	15.7	.66	15	25	40	50	60	609	-2.1		-.135

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Engagement Indicators: Education

University of Minnesota Duluth

First-year students^a in Education

	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												
UMD (N = 53)	22.3	13.3	1.82	5	15	20	30	50				
UMD Peers	20.7	13.0	.77	0	10	20	30	40	335	1.6		.123
Competitors	19.7	13.4	.72	5	10	15	25	45	395	2.5		.189
National Comparison	21.4	14.7	.62	0	10	20	30	50	609	.9		.060
Effective Teaching Practices												
UMD (N = 54)	37.6	12.2	1.66	20	28	36	44	60				
UMD Peers	40.0	12.1	.72	20	32	40	48	60	337	-2.5		-.203
Competitors	37.1	12.3	.65	16	28	40	44	60	406	.4		.033
National Comparison	38.2	12.5	.53	20	28	40	48	60	618	-.7		-.054
Campus Environment												
Quality of Interactions												
UMD (N = 54)	43.4	11.5	1.56	24	36	44	50	60				
UMD Peers	42.6	10.9	.66	22	36	44	50	60	323	.8		.075
Competitors	42.0	11.1	.60	22	36	44	50	60	396	1.4		.126
National Comparison	41.9	11.6	.50	20	36	44	50	60	599	1.5		.127
Supportive Environment												
UMD (N = 55)	37.6	13.5	1.82	15	25	40	48	60				
UMD Peers	38.6	13.6	.81	18	28	38	50	60	332	-.9		-.068
Competitors	36.7	12.9	.69	15	29	38	45	60	403	.9		.070
National Comparison	37.4	12.6	.53	18	30	38	45	60	615	.2		.015

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Engagement Indicators: Education

University of Minnesota Duluth

Seniors^a in Education

	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												
UMD (N = 87)	42.2	12.3	1.32	20	35	40	55	60				
UMD Peers	41.6	13.3	.53	20	35	40	55	60	713	.6		.044
Competitors	41.8	13.0	.51	20	35	40	50	60	723	.4		.033
National Comparison	41.7	13.1	.44	20	35	40	55	60	955	.5		.036
Reflective & Integrative Learning												
UMD (N = 86)	43.3	11.3	1.22	23	34	43	54	60				
UMD Peers	41.1	11.9	.47	20	31	40	51	60	729	2.2		.187
Competitors	42.1	11.8	.46	23	34	40	51	60	736	1.1		.096
National Comparison	40.6	12.1	.41	20	33	40	49	60	973	2.7	*	.222
Learning Strategies												
UMD (N = 87)	38.0	12.8	1.37	20	27	40	47	60				
UMD Peers	39.4	14.5	.58	20	27	40	53	60	712	-1.4		-.100
Competitors	38.4	15.1	.60	13	27	40	53	60	720	-.3		-.023
National Comparison	40.4	14.3	.48	20	33	40	53	60	969	-2.4		-.167
Quantitative Reasoning												
UMD (N = 85)	23.8	16.8	1.82	0	13	20	40	53				
UMD Peers	24.6	16.3	.65	0	13	20	40	60	721	-.8		-.051
Competitors	24.4	15.8	.62	0	13	20	33	60	732	-.7		-.042
National Comparison	25.0	16.2	.55	0	13	20	40	60	970	-1.2		-.073
Learning with Peers												
Collaborative Learning												
UMD (N = 86)	41.5	14.0	1.51	15	30	43	55	60				
UMD Peers	37.5	13.2	.52	15	30	35	45	60	718	3.9	*	.296
Competitors	36.9	13.0	.51	20	25	35	45	60	726	4.5	**	.344
National Comparison	36.9	13.4	.45	15	25	35	45	60	952	4.6	**	.342
Discussions with Diverse Others												
UMD (N = 87)	38.9	13.6	1.46	20	30	40	50	60				
UMD Peers	40.8	15.1	.60	20	30	40	55	60	722	-1.9		-.127
Competitors	39.1	14.4	.57	15	30	40	50	60	728	-.2		-.016
National Comparison	39.2	14.7	.49	15	30	40	50	60	969	-.3		-.021

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Engagement Indicators: Education

University of Minnesota Duluth

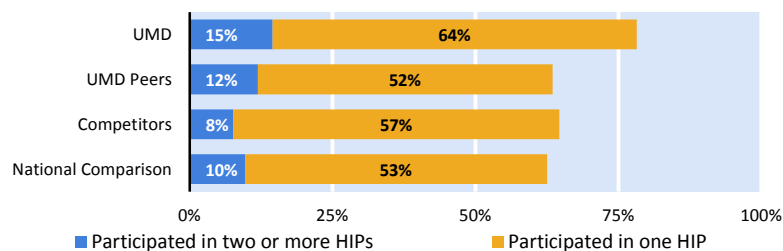
Seniors^a in Education

	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												
UMD (N = 86)	27.7	14.7	1.58	5	15	30	35	55				
UMD Peers	25.7	15.3	.60	0	15	25	35	55	724	2.0		.130
Competitors	25.9	15.5	.61	0	15	25	35	60	727	1.7		.113
National Comparison	27.6	15.5	.52	5	15	25	40	60	965	.1		.004
Effective Teaching Practices												
UMD (N = 88)	36.5	14.6	1.56	12	28	36	48	60				
UMD Peers	39.4	13.6	.54	16	32	40	50	60	732	-2.9		-.208
Competitors	38.8	13.8	.54	16	28	40	48	60	739	-2.3		-.163
National Comparison	39.9	13.4	.45	16	32	40	52	60	981	-3.4	*	-.248
Campus Environment												
Quality of Interactions												
UMD (N = 85)	43.3	9.8	1.06	26	40	46	50	54				
UMD Peers	42.8	10.4	.42	24	36	44	50	60	705	.5		.047
Competitors	43.2	10.1	.40	26	38	44	50	60	720	.1		.007
National Comparison	44.4	10.1	.34	28	38	46	52	60	962	-1.1		-.112
Supportive Environment												
UMD (N = 87)	31.3	11.0	1.17	18	23	30	40	50				
UMD Peers	33.7	13.3	.53	13	25	33	43	58	123	-2.3		-.177
Competitors	33.3	12.8	.50	10	25	35	40	58	734	-2.0		-.157
National Comparison	34.6	13.2	.44	13	25	35	43	60	979	-3.3	*	-.253

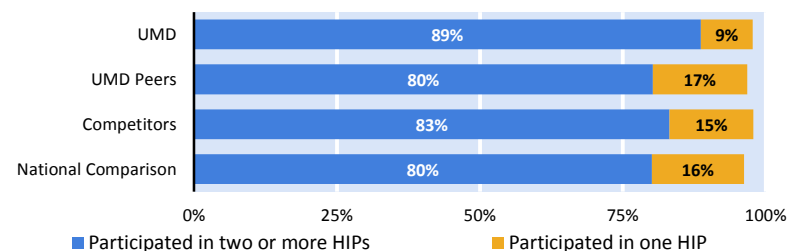
Overall HIP Participation^a

The figures below display the percentage^h of students who participated in High-Impact Practices. Both figures include participation in a learning community, service-learning, 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 of students who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.

First-Year Students in Education

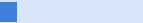



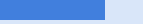







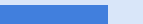



















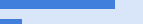








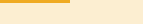

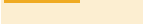










Seniors in Education



Statistical Comparisons^a

The table below compares the percentage^h of your students who participated in a High-Impact Practice, including the percentage who participated overall (at least one, two or more), with those at institutions in your comparison groups.

	UMD			UMD Peers			Competitors			National Comparison		
<i>First-Year Students in Education</i>	%			% ⁱ		Effect size ^j	% ⁱ		Effect size ^j	% ⁱ		Effect size ^j
11c. Learning community	13			12		.04	11		.06	14		-.03
12. Service-learning	76			62 *		.31	60 *		.35	57 **		.41
11e. Research with faculty	4			2		.07	2		.10	3		.04
Participated in at least one	78			64 *		.33	65 *		.30	63 *		.35
Participated in two or more	15			12		.08	8		.22	10		.15
<i>Seniors in Education</i>	%			% ⁱ		Effect size ^j	% ⁱ		Effect size ^j	% ⁱ		Effect size ^j
11c. Learning community	49			36 *		.26	42		.15	39		.21
12. Service-learning	89			86		.08	91		-.06	86		.07
11e. Research with faculty	11			14		-.07	13		-.03	17		-.15
11a. Internship or field exp.	83			72 *		.27	71 *		.29	66 **		.39
11d. Study abroad	17			16		.03	15		.05	16		.02
11f. Culminating senior exp.	28			50 ***		-.46	46 **		-.38	54 ***		-.54
Participated in at least one	98			97		.06	98		-.01	96		.09
Participated in two or more	89			80		.23	83		.16	80		.24

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Frequencies and Statistical Comparisons: Education

University of Minnesota Duluth

First-Year Students^a in Education

First-Year Students ^a in Education				Frequency Distributions								Statistical Comparisons ^k								
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students 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
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	0	0	2	1	10	3	8	1	2.7	2.9 *	▼	-.30	2.8	-.07	2.9	-.19
		2	Sometimes	26	48	96	34	137	39	205	36									
		3	Often	18	33	101	36	133	38	216	38									
		4	Very often	10	19	85	30	73	21	137	24									
		Total		54	100	284	100	353	100	566	100									
b. Prepared two or more drafts of a paper or assignment before turning it in		drafts	1	Never	2	4	36	13	54	15	71	13	2.7	2.6		.07	2.4	.25	2.6	.06
		2	Sometimes	23	43	103	36	133	38	198	35									
		3	Often	20	37	81	29	119	34	180	32									
		4	Very often	9	17	63	22	45	13	118	21									
		Total		54	100	283	100	351	100	567	100									
c. Come to class without completing readings or assignments		unpreparedr	1	Very often	1	2	8	3	13	4	22	4	3.1	3.1		.04	3.1	.11	3.1	.11
		(Reverse-coded version of unprepared created by NSSE.)	2	Often	6	11	29	10	45	13	63	11								
			3	Sometimes	31	57	167	59	197	56	331	59								
			4	Never	16	30	79	28	94	27	147	26								
			Total		54	100	283	100	349	100	563	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)		attendart	1	Never	21	39	59	21	108	31	184	33	1.9	2.3 **	▼	-.43	2.1	-.23	2.1	-.21
		2	Sometimes	22	41	121	43	144	41	221	39									
		3	Often	7	13	65	23	53	15	81	14									
		4	Very often	4	7	39	14	48	14	78	14									
		Total		54	100	284	100	353	100	564	100									
e. Asked another student to help you understand course material		CLaskhelp	1	Never	2	4	13	5	12	3	22	4	2.7	2.6		.18	2.7	.06	2.7	.10
		2	Sometimes	20	37	129	45	139	40	231	41									
		3	Often	22	41	102	36	144	41	222	40									
		4	Very often	10	19	40	14	56	16	87	15									
		Total		54	100	284	100	351	100	562	100									
f. Explained course material to one or more students		CLexplain	1	Never	0	0	8	3	5	1	7	1	2.8	2.8		.09	2.7	.12	2.7	.12
		2	Sometimes	22	42	104	37	139	40	229	41									
		3	Often	18	34	117	41	150	43	230	41									
		4	Very often	13	25	53	19	57	16	97	17									
		Total		53	100	282	100	351	100	563	100									

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Frequencies and Statistical Comparisons: Education

University of Minnesota Duluth

First-Year Students^a in Education

First-Year Students ^a in Education				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with					
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	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	3	6	27	9	39	11	69	12	2.8	2.5 *	.31	2.5 *	.32	2.5	.25	
		2	Sometimes	16	30	127	45	156	44	223	39								
		3	Often	25	46	89	31	100	28	168	30								
		4	Very often	10	19	42	15	57	16	105	19								
		Total	54	100	285	100	352	100	565	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	1	2	13	5	16	5	32	6	3.0	2.7 *	.34	2.7 **	.42	2.6 ***	.48	
		2	Sometimes	15	28	109	39	136	39	238	42								
		3	Often	21	39	105	37	148	42	211	37								
		4	Very often	17	31	56	20	51	15	83	15								
		Total	54	100	283	100	351	100	564	100									
i. Gave a course presentation	present	1	Never	6	11	41	14	49	14	98	17	2.5	2.3	.18	2.3	.21	2.3	.20	
		2	Sometimes	25	46	139	49	177	50	252	45								
		3	Often	15	28	80	28	102	29	162	29								
		4	Very often	8	15	25	9	26	7	50	9								
		Total	54	100	285	100	354	100	562	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	2	4	12	4	23	6	47	8	2.7	2.7	.05	2.7	.10	2.6	.12	
		2	Sometimes	22	41	107	38	133	38	210	37								
		3	Often	18	33	120	42	140	40	209	37								
		4	Very often	12	22	46	16	58	16	99	18								
		Total	54	100	285	100	354	100	565	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	3	6	15	5	22	6	43	8	2.5	2.6	-.12	2.6	-.07	2.6	-.08	
		2	Sometimes	26	48	118	42	148	42	228	41								
		3	Often	19	35	111	39	136	39	210	37								
		4	Very often	6	11	39	14	43	12	81	14								
		Total	54	100	283	100	349	100	562	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	7	13	21	7	24	7	57	10	2.4	2.5	-.18	2.5	-.17	2.5	-.14	
		2	Sometimes	23	44	119	42	163	46	234	42								
		3	Often	16	31	108	38	111	32	190	34								
		4	Very often	6	12	34	12	53	15	80	14								
		Total	52	100	282	100	351	100	561	100									

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University of Minnesota Duluth

First-Year Students^a in Education

First-Year Students ^a in Education				Frequency Distributions								Statistical Comparisons ^k									
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with							
Item wording or description		Variable name ⁱ		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	1	2	11	4	13	4	22	4	2.7	2.7	-.06	2.6	.05	2.7	-.05			
		2	Sometimes	23	43	107	38	155	44	210	38										
		3	Often	23	43	115	41	133	38	236	42										
		4	Very often	7	13	48	17	50	14	91	16										
		Total	54	100	281	100	351	100	559	100											
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	1	2	10	4	8	2	24	4	2.8	2.8	.00	2.8	.04	2.8	.01			
		2	Sometimes	16	30	96	34	126	36	186	33										
		3	Often	30	56	119	42	158	45	240	43										
		4	Very often	7	13	59	21	60	17	114	20										
		Total	54	100	284	100	352	100	564	100											
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	5	2	8	2	16	3	2.9	2.8	.15	2.8	.10	2.8	.08			
		2	Sometimes	17	31	99	35	116	33	182	32										
		3	Often	26	48	135	47	164	46	250	44										
		4	Very often	11	20	46	16	65	18	115	20										
		Total	54	100	285	100	353	100	563	100											
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	2	1	7	2	5	1	3.1	3.0	.13	3.0	.18	3.1	.10			
		2	Sometimes	10	19	62	22	78	22	125	22										
		3	Often	25	48	141	50	174	49	261	47										
		4	Very often	17	33	77	27	93	26	169	30										
		Total	52	100	282	100	352	100	560	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	3	6	46	16	44	13	68	12	2.5	2.4	.17	2.3	.26	2.4	.11			
		2	Sometimes	28	52	126	44	194	56	283	50										
		3	Often	16	30	80	28	75	22	133	24										
		4	Very often	7	13	33	12	35	10	81	14										
		Total	54	100	285	100	348	100	565	100											
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	23	43	143	50	188	54	286	51	1.9	1.7	.20	1.7	.19	1.8	.08			
		2	Sometimes	19	35	97	34	100	29	162	29										
		3	Often	9	17	36	13	43	12	72	13										
		4	Very often	3	6	9	3	18	5	43	8										
		Total	54	100	285	100	349	100	563	100											

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				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with							
Item wording or description		Variable name ^j		Values ^m	Response options		Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	17	31	85	30	116	33	181	32	1.9	2.0	-.04	1.9	.01	2.0	-.06			
		2	Sometimes	26	48	138	48	156	45	252	45										
		3	Often	8	15	46	16	59	17	82	15										
		4	Very often	3	6	16	6	18	5	48	9										
		Total	54	100	285	100	349	100	563	100											
d. Discussed your academic performance with a faculty member	SFperform	1	Never	10	19	64	23	93	27	135	24	2.2	2.1	.06	2.0	.16	2.1	.02			
		2	Sometimes	29	55	144	51	176	51	272	48										
		3	Often	10	19	58	20	58	17	101	18										
		4	Very often	4	8	18	6	21	6	54	10										
		Total	53	100	284	100	348	100	562	100											
4. During the current school year, how much has your coursework emphasized the following?																					
a. Memorizing course material	memorize	1	Very little	2	4	6	2	15	4	27	5	2.9	3.0	-.10	2.9	.05	2.9	.01			
		2	Some	12	23	70	25	98	28	143	25										
		3	Quite a bit	27	52	132	46	161	46	258	46										
		4	Very much	11	21	77	27	79	22	137	24										
		Total	52	100	285	100	353	100	565	100											
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	1	2	5	2	11	3	29	5	3.0	3.0	.03	2.8	.21	2.8	.20			
		2	Some	13	25	73	26	106	30	168	30										
		3	Quite a bit	24	46	136	48	170	48	243	43										
		4	Very much	14	27	71	25	65	18	123	22										
		Total	52	100	285	100	352	100	563	100											
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	10	4	16	5	25	4	3.0	2.9	.15	2.8	.28	2.9	.19			
		2	Some	12	23	81	29	102	29	149	27										
		3	Quite a bit	26	50	114	40	163	47	251	45										
		4	Very much	14	27	77	27	69	20	133	24										
		Total	52	100	282	100	350	100	558	100											
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	2	11	4	15	4	21	4	3.0	2.9	.15	2.8	.18	2.9	.16			
		2	Some	11	21	83	29	97	28	158	28										
		3	Quite a bit	28	54	124	44	170	48	265	47										
		4	Very much	12	23	65	23	70	20	119	21										
		Total	52	100	283	100	352	100	563	100											

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First-Year Students ^a in Education				Frequency Distributions								Statistical Comparisons ^k									
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with							
Item wording or description		Variable name ^j		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	4	8	10	4	18	5	21	4	2.8	2.9	-.19	2.8	.01	2.9	-.12			
		2	Some	17	32	77	27	108	31	152	27										
		3	Quite a bit	19	36	118	42	165	47	267	48										
		4	Very much	13	25	78	28	61	17	120	21										
		Total	53	100	283	100	352	100	560	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	0	0	1	0	10	3	11	2	3.0	3.1	-.23	3.1	-.11	3.1	-.14			
		2	Some	14	26	50	18	59	17	100	18										
		3	Quite a bit	27	50	142	50	183	52	286	51										
		4	Very much	13	24	92	32	102	29	169	30										
		Total	54	100	285	100	354	100	566	100											
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	3	1	8	2	9	2	3.0	3.1	-.19	3.0	.02	3.0	-.09			
		2	Some	15	28	42	15	74	21	116	21										
		3	Quite a bit	26	48	164	58	199	56	287	51										
		4	Very much	13	24	75	26	73	21	149	27										
		Total	54	100	284	100	354	100	561	100											
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	0	0	5	2	13	4	19	3	3.0	3.1	-.05	2.9	.13	3.0	.06			
		2	Some	13	24	60	21	86	24	129	23										
		3	Quite a bit	26	48	129	45	164	47	255	45										
		4	Very much	15	28	91	32	89	25	162	29										
		Total	54	100	285	100	352	100	565	100											
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	4	7	18	6	23	6	38	7	2.7	2.9	-.18	2.7	.02	2.8	-.07			
		2	Some	21	39	77	27	119	34	186	33										
		3	Quite a bit	15	28	108	38	151	43	199	35										
		4	Very much	14	26	81	29	61	17	143	25										
		Total	54	100	284	100	354	100	566	100											
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	2	4	12	4	33	9	61	11	2.7	2.8	-.15	2.6	.06	2.7	.01			
		2	Some	25	46	101	35	119	34	177	31										
		3	Quite a bit	15	28	101	35	145	41	213	38										
		4	Very much	12	22	71	25	55	16	114	20										
		Total	54	100	285	100	352	100	565	100											

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First-Year Students ^a in Education				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with					
														UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name ⁱ	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	20	51	18	57	16	97	17	2.3	2.4	-.12	2.3	-.08	2.3	-.07	
		2	Sometimes	22	41	110	39	154	44	246	43								
		3	Often	16	30	86	30	106	30	158	28								
		4	Very often	5	9	38	13	37	10	65	11								
		Total	54	100	285	100	354	100	566	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	14	27	73	26	93	26	156	28	2.1	2.1	-.07	2.1	.03	2.1	.01	
		2	Sometimes	23	45	125	44	170	48	258	46								
		3	Often	10	20	60	21	71	20	110	19								
		4	Very often	4	8	26	9	20	6	42	7								
		Total	51	100	284	100	354	100	566	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	15	28	76	27	96	27	156	28	2.0	2.1	-.12	2.1	-.08	2.1	-.07	
		2	Sometimes	27	50	122	43	162	46	252	45								
		3	Often	9	17	67	24	73	21	119	21								
		4	Very often	3	6	19	7	23	6	35	6								
		Total	54	100	284	100	354	100	562	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum (Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	3	6	8	3	7	2	24	4	7.4	7.5	-.02	7.0	.06	7.2	.03	
		1.5	1-2	13	25	50	18	68	20	102	18								
		4	3-5	11	21	96	34	112	32	171	31								
		8	6-10	10	19	61	22	97	28	133	24								
		13	11-15	8	15	24	9	23	7	63	11								
		18	16-20	5	10	22	8	25	7	30	5								
		23	More than 20	2	4	20	7	16	5	31	6								
		Total	52	100	281	100	348	100	554	100									
b. Between 6 and 10 pages	wrmednum (Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	21	41	83	31	103	30	187	35	1.6	2.0	-.14	1.8	-.09	1.7	-.06	
		1.5	1-2	22	43	131	49	165	49	250	46								
		4	3-5	4	8	33	12	56	17	79	15								
		8	6-10	4	8	14	5	13	4	20	4								
		13	11-15	0	0	3	1	1	0	5	1								
		18	16-20	0	0	1	0	1	0	0	0								
		23	More than 20	0	0	1	0	0	0	1	0								
		Total	51	100	266	100	339	100	542	100									

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				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with					
														UMD Peers		Competitors		National Comparison	
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	39	76	206	79	270	82	426	80	.7	.7	.00	.4	.17	.7	.03	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	10	20	39	15	49	15	86	16								
		4	3-5	1	2	8	3	7	2	7	1								
		8	6-10	0	0	2	1	2	1	1	0								
		13	11-15	0	0	3	1	0	0	4	1								
		18	16-20	1	2	0	0	0	0	2	0								
		23	More than 20	0	0	2	1	1	0	4	1								
		Total		51	100	260	100	329	100	530	100								
Estimated number of assigned pages of student writing.	wrpages	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)										41.2	46.6	-.10	40.5	.02	42.5	-.03	
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	2	4	12	4	21	6	36	6	2.6	3.0 ** ▼	-.40	2.7	-.05	2.9	-.27	
		2	Sometimes	26	47	79	28	151	43	179	32								
		3	Often	18	33	101	36	107	30	171	30								
		4	Very often	9	16	92	32	74	21	175	31								
		Total	55	100	284	100	353	100	561	100									
b. People from an economic background other than your own	DDeconomic	1	Never	1	2	10	4	14	4	20	4	2.9	3.0	-.16	2.9	.00	3.0	-.08	
		2	Sometimes	17	31	65	23	112	32	162	29								
		3	Often	23	43	116	41	127	36	203	36								
		4	Very often	13	24	92	33	100	28	176	31								
		Total	54	100	283	100	353	100	561	100									
c. People with religious beliefs other than your own	DDreligion	1	Never	2	4	11	4	23	7	34	6	2.9	3.0	-.12	2.9	.05	3.0	-.04	
		2	Sometimes	14	25	69	24	105	30	152	27								
		3	Often	25	45	104	37	113	32	173	31								
		4	Very often	14	25	99	35	110	31	201	36								
		Total	55	100	283	100	351	100	560	100									
d. People with political views other than your own	DDpolitical	1	Never	3	5	17	6	16	5	28	5	2.9	3.0	-.07	3.0	-.07	3.0	-.09	
		2	Sometimes	13	24	72	25	92	26	149	27								
		3	Often	25	45	97	34	132	38	184	33								
		4	Very often	14	25	98	35	112	32	200	36								
		Total	55	100	284	100	352	100	561	100									

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				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students 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	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	1	2	4	1	3	1	9	2	3.2	3.1	.13	3.1	.22	3.1	.18	
		2	Sometimes	8	15	56	20	69	19	119	21								
		3	Often	23	42	121	43	179	51	245	43								
		4	Very often	23	42	103	36	103	29	191	34								
		Total	55	100	284	100	354	100	564	100									
b. Reviewed your notes after class	LSnotes	1	Never	2	4	9	3	16	5	26	5	2.7	2.9	-.22	2.8	-.10	2.9	-.19	
		2	Sometimes	25	46	91	32	131	37	178	32								
		3	Often	13	24	98	35	107	30	187	33								
		4	Very often	14	26	85	30	97	28	170	30								
		Total	54	100	283	100	351	100	561	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	4	7	12	4	26	7	42	8	2.7	2.8	-.13	2.7	.07	2.7	-.03	
		2	Sometimes	18	33	100	36	142	41	198	35								
		3	Often	23	42	93	33	110	31	183	33								
		4	Very often	10	18	74	27	72	21	135	24								
		Total	55	100	279	100	350	100	558	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	0	0	0	0	2	1	1	0	5.5	5.5	-.03	5.5	-.05	5.6	-.11	
		2		0	0	2	1	2	1	4	1								
		3		1	2	7	2	5	1	9	2								
		4		7	13	31	11	34	10	49	9								
		5		23	42	104	36	131	37	207	37								
		6		14	25	92	32	120	34	184	33								
		7	Very much	10	18	49	17	57	16	109	19								
		Total	55	100	285	100	351	100	563	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		1	2	15	5	12	3	27	5	9%	14%	-.15	7%	.08	10%	-.04	
		Do not plan to do		0	0	3	1	3	1	9	2								
		Plan to do		49	89	225	80	314	89	471	83								
		Done or in progress		5	9	39	14	24	7	58	10								
		Total		55	100	282	100	353	100	565	100								
(Means indicate the percentage who responded "Done or in progress.")																			

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														Your first-year students compared with					
				UMD		UMD Peers		Competitors		National Comparison		UMD		UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	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	17	31	75	27	107	31	170	30	9%	8%	.05	12%	-.09	13%	-.12	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	10	18	69	24	81	23	142	25									
	Plan to do	23	42	116	41	121	35	179	32										
	Done or in progress	5	9	22	8	41	12	72	13										
	Total	55	100	282	100	350	100	563	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	14	26	80	28	135	38	195	35	13%	12%	.04	11%	.06	14%	-.03	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	8	15	81	29	100	28	132	23									
	Plan to do	25	46	90	32	77	22	159	28										
	Done or in progress	7	13	33	12	39	11	79	14										
	Total	54	100	284	100	351	100	565	100										
d. Participate in a study abroad program	abroad		Have not decided	13	24	77	27	109	31	194	35	0%	1%	-.24	1%	-.24	2%	-.25	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	15	27	81	29	86	25	159	28									
	Plan to do	27	49	119	42	147	42	197	35										
	Done or in progress	0	0	4	1	5	1	9	2										
	Total	55	100	281	100	347	100	559	100										
e. Work with a faculty member on a research project	research		Have not decided	18	33	123	44	164	47	245	44	4%	2%	.07	2%	.10	3%	.04	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	22	40	91	32	116	33	176	32									
	Plan to do	13	24	60	21	62	18	121	22										
	Done or in progress	2	4	7	2	7	2	16	3										
	Total	55	100	281	100	349	100	558	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	20	38	75	27	160	46	228	41	4%	2%	.10	2%	.13	2%	.07	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	5	9	21	7	25	7	43	8									
	Plan to do	26	49	180	64	157	45	277	49										
	Done or in progress	2	4	6	2	6	2	14	2										
	Total	53	100	282	100	348	100	562	100										

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

servcourse	1	None	13	24	107	38	141	40	240	43	1.9	1.7 *	.31	1.7 *	.35	1.6 **	.40
	2	Some	36	65	157	55	192	54	290	52							
	3	Most	6	11	19	7	18	5	24	4							
	4	All	0	0	0	0	2	1	5	1							
	Total		55	100	283	100	353	100	559	100							

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University of Minnesota Duluth

First-Year Students^a in Education

First-Year Students ^a in Education				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with					
														UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name ^j	Values ^m	Response options	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	0	0	5	1	8	1	6.0	5.7	.22	5.7	.28	5.7 *	.26	
		2	0	0	2	1	2	1	5	1									
		3	1	2	8	3	9	3	23	4									
		4	3	6	27	10	30	8	45	8									
		5	11	20	66	23	90	25	129	23									
		6	20	37	99	35	129	37	197	35									
		7	Excellent	19	35	80	28	88	25	156	28								
		—	Not applicable	0	0	0	0	0	0	0	0								
		Total	54	100	282	100	353	100	563	100									
b. Academic advisors	QIadvisor	1	Poor	0	0	14	5	10	3	20	4	5.5	5.0	.25	5.1	.25	5.2	.18	
		2	3	5	15	5	20	6	30	5									
		3	5	9	18	6	27	8	42	7									
		4	8	15	42	15	51	14	71	13									
		5	5	9	56	20	89	25	126	22									
		6	16	29	58	20	80	23	121	21									
		7	Excellent	18	33	64	23	73	21	146	26								
		—	Not applicable	0	0	17	6	3	1	7	1								
		Total	55	100	284	100	353	100	563	100									
c. Faculty	QIfaculty	1	Poor	0	0	1	0	4	1	7	1	5.3	5.4	-.07	5.2	.08	5.3	.05	
		2	1	2	4	1	12	3	19	3									
		3	3	5	12	4	21	6	27	5									
		4	9	16	34	12	44	13	84	15									
		5	15	27	91	32	107	30	150	27									
		6	17	31	87	31	100	28	166	30									
		7	Excellent	10	18	54	19	62	18	107	19								
		—	Not applicable	0	0	0	0	1	0	2	0								
		Total	55	100	283	100	351	100	562	100									

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First-Year Students ^a in Education				Frequency Distributions								Statistical Comparisons ^k								
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with						
Item wording or description		Variable name ⁱ		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.)	Qlstaff	1	Poor	2	4	7	2	9	3	22	4	5.0	5.1	-.06	5.1	-.10	5.1	-.04		
		2		2	4	12	4	20	6	22	4									
		3		6	11	29	10	24	7	48	9									
		4		12	22	30	11	41	12	64	11									
		5		6	11	57	20	63	18	124	22									
		6		15	27	69	25	117	33	147	26									
		7	Excellent	11	20	51	18	56	16	97	17									
		—	Not applicable	1	2	26	9	20	6	34	6									
		Total		55	100	281	100	350	100	558	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	1	2	7	2	11	3	30	5	4.9	4.9	-.06	4.9	-.05	4.9	.00		
		2		2	4	12	4	23	7	34	6									
		3		8	15	28	10	30	9	46	8									
		4		9	17	46	16	48	14	84	15									
		5		9	17	65	23	68	19	122	22									
		6		12	22	68	24	91	26	125	22									
		7	Excellent	8	15	42	15	56	16	97	17									
		—	Not applicable	5	9	15	5	25	7	23	4									
		Total		54	100	283	100	352	100	561	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	0	0	2	1	5	1	5	1	3.2	3.2	.01	3.1	.12	3.2	.04		
		2	Some	7	13	44	16	57	16	89	16									
		3	Quite a bit	31	56	137	49	187	53	282	50									
		4	Very much	17	31	97	35	102	29	187	33									
		Total		55	100	280	100	351	100	563	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	4	8	3	9	3	11	2	3.0	3.2	-.29	3.1	-.10	3.1	-.20		
		2	Some	11	20	35	13	63	18	90	16									
		3	Quite a bit	27	49	122	44	172	49	263	47									
		4	Very much	15	27	113	41	107	30	195	35									
		Total		55	100	278	100	351	100	559	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	4	7	15	5	17	5	21	4	3.1	3.2	-.09	3.1	-.02	3.2	-.15		
		2	Some	9	16	47	17	59	17	84	15									
		3	Quite a bit	21	38	97	35	149	43	218	39									
		4	Very much	21	38	121	43	124	36	236	42									
		Total		55	100	280	100	349	100	559	100									

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First-Year Students ^a in Education				Frequency Distributions								Statistical Comparisons ^k									
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students 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
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	4	7	39	14	44	13	63	11	2.7	2.7	.00	2.6	.05	2.7	.02			
		2	Some	22	40	89	32	119	34	191	34										
		3	Quite a bit	17	31	78	28	112	32	182	32										
		4	Very much	12	22	74	26	76	22	125	22										
		Total	55	100	280	100	351	100	561	100											
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	2	7	3	11	3	16	3	3.1	3.1	-.01	3.0	.13	3.1	.08			
		2	Some	10	18	61	22	76	22	116	21										
		3	Quite a bit	25	45	100	36	157	45	246	44										
		4	Very much	19	35	112	40	106	30	184	33										
		Total	55	100	280	100	350	100	562	100											
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	1	2	14	5	19	5	19	3	3.1	3.1	.02	3.1	.06	3.1	.07			
		2	Some	10	18	47	17	59	17	112	20										
		3	Quite a bit	25	45	112	40	145	42	237	42										
		4	Very much	19	35	106	38	125	36	191	34										
		Total	55	100	279	100	348	100	559	100											
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	11	20	43	15	69	20	115	21	2.5	2.5	-.06	2.3	.15	2.4	.10			
		2	Some	17	31	98	35	143	41	192	34										
		3	Quite a bit	17	31	86	31	88	25	178	32										
		4	Very much	10	18	52	19	47	14	74	13										
		Total	55	100	279	100	347	100	559	100											
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	2	4	11	4	13	4	32	6	2.9	3.0	-.11	2.9	.01	2.9	.02			
		2	Some	16	29	67	24	95	27	144	26										
		3	Quite a bit	21	38	107	38	145	42	222	40										
		4	Very much	16	29	95	34	93	27	159	29										
		Total	55	100	280	100	346	100	557	100											
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	8	15	41	15	43	12	59	11	2.7	2.6	.07	2.6	.10	2.6	.12			
		2	Some	16	29	93	33	124	36	221	39										
		3	Quite a bit	18	33	86	31	125	36	194	35										
		4	Very much	13	24	59	21	57	16	87	16										
		Total	55	100	279	100	349	100	561	100											

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First-Year Students ^a in Education				Frequency Distributions								Statistical Comparisons ^k								
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with						
UMD Peers		Competitors												National Comparison						
				Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%			Count	%	Mean	Mean	Effect size ⁿ
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)	ttmprephrs	0	0 hrs	0	0	0	0	0	0	0	0	13.5	14.6	-.14	14.8	-.17	13.8	-.03		
	(Recorded version of ttmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	9	25	9	34	10	79	14									
		8	6-10 hrs	17	31	77	27	80	23	147	26									
		13	11-15 hrs	11	20	63	22	94	27	132	23									
		18	16-20 hrs	15	27	56	20	63	18	98	17									
		23	21-25 hrs	4	7	40	14	40	11	55	10									
		28	26-30 hrs	2	4	12	4	22	6	31	5									
		33	More than 30 hrs	1	2	11	4	17	5	23	4									
			Total	55	100	284	100	350	100	565	100									
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	9	16	89	31	90	26	177	31	6.1	4.7	.23	5.0	.19	4.5 *	.29		
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	27	49	117	41	156	44	239	43									
		8	6-10 hrs	8	15	44	15	58	17	82	15									
		13	11-15 hrs	5	9	17	6	26	7	34	6									
		18	16-20 hrs	4	7	5	2	11	3	12	2									
		23	21-25 hrs	1	2	6	2	4	1	9	2									
		28	26-30 hrs	0	0	4	1	2	1	5	1									
		33	More than 30 hrs	1	2	2	1	4	1	4	1									
			Total	55	100	284	100	351	100	562	100									
c. Working for pay on campus	tmworkonhrs	0	0 hrs	41	75	213	76	266	76	441	78	2.7	2.7	-.01	2.3	.08	2.2	.09		
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	5	8	3	15	4	25	4									
		8	6-10 hrs	4	7	27	10	44	13	50	9									
		13	11-15 hrs	5	9	24	9	16	5	30	5									
		18	16-20 hrs	1	2	5	2	7	2	11	2									
		23	21-25 hrs	1	2	4	1	2	1	3	1									
		28	26-30 hrs	0	0	1	0	1	0	2	0									
		33	More than 30 hrs	0	0	0	0	0	0	2	0									
			Total	55	100	282	100	351	100	564	100									

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				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with					
														UMD Peers		Competitors		National Comparison	
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. Working for pay off campus	tmworkoffhrs	0	0 hrs	40	75	200	72	247	71	390	69	3.2	4.0	-.11	3.7	-.07	4.4	-.15	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	9	18	6	24	7	38	7								
		8	6-10 hrs	1	2	13	5	22	6	36	6								
		13	11-15 hrs	1	2	16	6	21	6	26	5								
		18	16-20 hrs	3	6	12	4	23	7	27	5								
		23	21-25 hrs	1	2	9	3	7	2	20	4								
		28	26-30 hrs	2	4	5	2	2	1	15	3								
		33	More than 30 hrs	0	0	6	2	4	1	12	2								
		Total	53	100	279	100	350	100	564	100									
Estimated number of hours working for pay	tmworkhrs											5.7	6.6	-.10	5.9	-.03	6.7	-.10	
(Continuous variable created by NSSE)																			
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	21	38	133	47	176	51	303	54	3.7	2.5	.26	2.1 *	.44	2.3 *	.32	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	22	40	123	44	144	41	203	36								
		8	6-10 hrs	9	16	13	5	18	5	32	6								
		13	11-15 hrs	0	0	6	2	7	2	15	3								
		18	16-20 hrs	1	2	2	1	1	0	7	1								
		23	21-25 hrs	2	4	0	0	1	0	0	0								
		28	26-30 hrs	0	0	3	1	1	0	2	0								
		33	More than 30 hrs	0	0	1	0	0	0	2	0								
		Total	55	100	281	100	348	100	564	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	1	0	2	1	5	1	13.8	13.5	.04	13.7	.02	13.2	.07	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	15	51	18	44	13	96	17								
		8	6-10 hrs	14	26	67	24	94	27	164	29								
		13	11-15 hrs	12	23	60	21	91	26	106	19								
		18	16-20 hrs	7	13	47	17	53	15	84	15								
		23	21-25 hrs	7	13	26	9	24	7	44	8								
		28	26-30 hrs	2	4	13	5	11	3	23	4								
		33	More than 30 hrs	3	6	16	6	25	7	38	7								
		Total	53	100	281	100	344	100	560	100									

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				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with					
Item wording or description		Variable name ^l		Values ^m	Response options	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	47	85	226	81	299	86	456	82	.6	1.7 ** ▽	-.23	.9	-.08	1.9 *** ▽	-.22	
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	13	27	10	31	9	50	9								
		8	6-10 hrs	0	0	12	4	9	3	19	3								
		13	11-15 hrs	1	2	7	3	4	1	8	1								
		18	16-20 hrs	0	0	4	1	1	0	8	1								
		23	21-25 hrs	0	0	0	0	0	0	2	0								
		28	26-30 hrs	0	0	1	0	0	0	2	0								
		33	More than 30 hrs	0	0	3	1	2	1	12	2								
		Total	55	100	280	100	346	100	557	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	35	64	113	40	169	48	251	45	1.5	3.2 * ▽	-.36	2.1	-.21	3.0 * ▽	-.31	
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	29	126	45	150	43	232	41								
		8	6-10 hrs	3	5	26	9	21	6	47	8								
		13	11-15 hrs	1	2	11	4	6	2	11	2								
		18	16-20 hrs	0	0	1	0	3	1	12	2								
		23	21-25 hrs	0	0	1	0	0	0	3	1								
		28	26-30 hrs	0	0	2	1	0	0	2	0								
		33	More than 30 hrs	0	0	2	1	0	0	4	1								
		Total	55	100	282	100	349	100	562	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	6	11	11	6	14	9	36	10	3.1	3.0	.09	3.2	-.12	2.9	.12		
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	13	24	61	33	30	20	100								28	
		3	About half	13	24	52	28	39	26	111								31	
		4	Most	17	31	46	25	46	30	65								18	
		5	Almost all	6	11	16	9	22	15	42								12	
		Total	55	100	186	100	151	100	354	100									
tmreadinghrs												6.9	7.4	-.08	9.7 ** ▽	-.45	6.8	.02	
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																			

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				UMD		UMD Peers		Competitors		National Comparison		UMD	Your first-year students compared with					
		UMD Peers											Competitors		National Comparison			
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
	tmreadinghrscol	1	0 hrs	0	0	0	0	0	0	0	0							
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	27	49	79	42	39	26	170	48							
		3	More than 5, up to 10 hrs	14	25	68	37	57	38	112	32							
		4	More than 10, up to 15 hrs	11	20	20	11	24	16	43	12							
		5	More than 15, up to 20 hrs	3	5	10	5	14	9	12	3							
		6	More than 20, up to 25 hrs	0	0	5	3	9	6	6	2							
		7	More than 25 hrs	0	0	4	2	6	4	10	3							
		Total		55	100	186	100	149	100	353	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	1	2	23	8	21	6	30	5	2.7	2.8	-.19	2.8	-.16	2.9	-.27
	2	Some	23	42	71	25	103	29	148	26								
	3	Quite a bit	24	44	116	41	154	44	236	42								
	4	Very much	7	13	72	26	75	21	152	27								
	Total		55	100	282	100	353	100	566	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	4	7	23	8	27	8	44	8	2.7	2.7	-.02	2.7	.01	2.7	-.01
	2	Some	18	33	89	31	115	33	178	32								
	3	Quite a bit	23	42	113	40	145	41	235	42								
	4	Very much	10	18	58	20	64	18	108	19								
	Total		55	100	283	100	351	100	565	100								
c. Thinking critically and analytically	pgthink	1	Very little	0	0	3	1	7	2	13	2	3.0	3.1	-.15	3.0	.00	3.0	-.01
	2	Some	14	25	51	18	78	22	121	21								
	3	Quite a bit	27	49	139	49	175	50	279	49								
	4	Very much	14	25	88	31	93	26	152	27								
	Total		55	100	281	100	353	100	565	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	15	27	43	15	67	19	111	20	2.2	2.5 *	-.33	2.4	-.22	2.4	-.24
	2	Some	20	36	105	37	131	37	190	34								
	3	Quite a bit	16	29	93	33	113	32	197	35								
	4	Very much	4	7	40	14	42	12	66	12								
	Total		55	100	281	100	353	100	564	100								

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Frequencies and Statistical Comparisons: Education

University of Minnesota Duluth

First-Year Students^a in Education

				Frequency Distributions								Statistical Comparisons ^k					
				UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options									UMD	UMD Peers		Competitors	National Comparison	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	3	5	27	10	45	13	79	14	2.9	2.7	.20	2.6 *	.32	2.6 *
		2	Some	16	29	89	32	122	35	177	31						
		3	Quite a bit	22	40	110	39	125	36	206	36						
		4	Very much	14	25	53	19	59	17	104	18						
		Total		55	100	279	100	351	100	566	100						
f. Working effectively with others	pgothers	1	Very little	1	2	13	5	22	6	28	5	3.1	2.9	.21	2.9	.27	2.9
		2	Some	13	24	70	25	82	23	147	26						
		3	Quite a bit	21	38	124	44	170	48	255	45						
		4	Very much	20	36	73	26	78	22	136	24						
		Total		55	100	280	100	352	100	566	100						
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	9	16	30	11	33	9	56	10	2.5	2.7	-.17	2.6	-.12	2.7
		2	Some	16	29	83	30	124	35	194	34						
		3	Quite a bit	22	40	112	40	135	38	200	35						
		4	Very much	8	15	55	20	61	17	114	20						
		Total		55	100	280	100	353	100	564	100						
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	2	4	23	8	26	7	52	9	2.6	2.8	-.22	2.7	-.12	2.7
		2	Some	26	47	73	26	113	32	193	34						
		3	Quite a bit	17	31	111	40	138	39	189	33						
		4	Very much	10	18	73	26	75	21	131	23						
		Total		55	100	280	100	352	100	565	100						
i. Solving complex real-world problems	pgprobsolve	1	Very little	7	13	21	8	36	10	67	12	2.5	2.7	-.20	2.5	-.01	2.5
		2	Some	21	38	103	37	148	42	225	40						
		3	Quite a bit	20	36	105	38	124	35	184	33						
		4	Very much	7	13	51	18	44	13	89	16						
		Total		55	100	280	100	352	100	565	100						
j. Being an informed and active citizen	pgcitizen	1	Very little	4	7	26	9	37	11	56	10	2.6	2.7	-.06	2.6	.00	2.6
		2	Some	21	39	98	35	115	33	192	34						
		3	Quite a bit	21	39	98	35	145	41	217	38						
		4	Very much	8	15	57	20	53	15	100	18						
		Total		54	100	279	100	350	100	565	100						

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University of Minnesota Duluth

First-Year Students^a in Education

First-Year Students ^a in Education				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with					
														UMD Peers		Competitors		National Comparison	
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	1	2	0	0	6	2	8	1	3.3	3.3	.00	3.2	.08	3.2	.10	
		2	Fair	6	11	34	12	34	10	61	11								
		3	Good	24	44	133	47	183	52	296	52								
		4	Excellent	24	44	116	41	130	37	201	36								
		Total		55	100	283	100	353	100	566	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	1	2	6	2	14	4	22	4	3.1	3.4 *	-.31	3.2	-.12	3.3	-.16	
		2	Probably no	11	20	27	10	35	10	58	10								
		3	Probably yes	21	39	103	37	156	44	226	40								
		4	Definitely yes	21	39	146	52	148	42	259	46								
		Total		54	100	282	100	353	100	565	100								

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University of Minnesota Duluth

Seniors^a in Education

Seniors ^a in Education				Frequency Distributions								Statistical Comparisons ^k									
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with							
Item wording or description		Variable name ⁱ		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	Never	0	0	3	0	6	1	8	1	3.4		3.4	-.05	3.4	-.09	3.3	.01	
			2	Sometimes	11	13	88	14	84	13	123	14									
			3	Often	35	40	208	32	195	30	315	35									
			4	Very often	42	48	347	54	368	56	450	50									
			Total		88	100	646	100	653	100	896	100									
b. Prepared two or more drafts of a paper or assignment before turning it in		drafts	1	Never	16	18	117	18	129	20	173	19	2.4		2.4	-.04	2.5	-.08	2.5	-.11	
			2	Sometimes	36	41	256	40	216	33	293	33									
			3	Often	22	25	158	24	178	27	235	26									
			4	Very often	14	16	116	18	128	20	194	22									
			Total		88	100	647	100	651	100	895	100									
c. Come to class without completing readings or assignments		unpreparedr	1	Very often	6	7	41	6	26	4	33	4	2.9		3.0	-.15	3.1 *	-.27	3.1 **	-.30	
		(Reverse-coded version of unprepared created by NSSE.)	2	Often	16	18	79	12	75	12	105	12									
			3	Sometimes	50	57	373	58	375	58	509	57									
			4	Never	16	18	149	23	168	26	244	27									
			Total		88	100	642	100	644	100	891	100									
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)		attendart	1	Never	39	44	215	33	196	30	275	31	1.9		2.0	-.16	2.1	-.22	2.1 *	-.24	
			2	Sometimes	30	34	273	42	283	43	372	42									
			3	Often	10	11	81	13	93	14	118	13									
			4	Very often	9	10	76	12	80	12	129	14									
			Total		88	100	645	100	652	100	894	100									
e. Asked another student to help you understand course material		CLaskhelp	1	Never	1	1	24	4	24	4	46	5	3.0		2.8 **	.34	2.7 ***	.44	2.7 ***	.46	
			2	Sometimes	25	29	248	39	267	41	366	41									
			3	Often	30	34	229	36	244	38	319	36									
			4	Very often	31	36	141	22	115	18	159	18									
			Total		87	100	642	100	650	100	890	100									
f. Explained course material to one or more students		CLexplain	1	Never	0	0	6	1	15	2	12	1	3.1		3.0	.13	2.9	.19	3.0	.15	
			2	Sometimes	24	28	169	26	173	27	246	28									
			3	Often	32	37	299	47	302	46	396	44									
			4	Very often	31	36	169	26	160	25	238	27									
			Total		87	100	643	100	650	100	892	100									

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University of Minnesota Duluth

Seniors^a in Education

Seniors ^a in Education				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
														UMD Peers		Competitors		National Comparison	
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	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	10	11	79	12	72	11	86	10	2.9	2.7	.18	2.6 *	.24	2.7	.21	
		2	Sometimes	19	22	200	31	227	35	319	36								
		3	Often	32	36	210	33	217	33	289	33								
		4	Very often	27	31	155	24	135	21	195	22								
		Total	88	100	644	100	651	100	889	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	2	18	3	19	3	27	3	3.3	3.1 **	.30	3.1 *	.24	3.1 **	.29	
		2	Sometimes	17	19	144	22	130	20	203	23								
		3	Often	20	23	257	40	260	40	344	38								
		4	Very often	49	56	225	35	244	37	320	36								
		Total	88	100	644	100	653	100	894	100									
i. Gave a course presentation	present	1	Never	7	8	30	5	28	4	31	3	3.0	3.0	.03	3.1	-.12	3.1	-.11	
		2	Sometimes	22	25	169	26	137	21	197	22								
		3	Often	24	28	247	38	240	37	342	38								
		4	Very often	34	39	199	31	246	38	325	36								
		Total	87	100	645	100	651	100	895	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	0	0	8	1	8	1	13	1	3.3	3.1	.15	3.2	.09	3.1	.16	
		2	Sometimes	16	18	136	21	128	20	190	21								
		3	Often	33	38	259	40	250	38	354	40								
		4	Very often	39	44	244	38	267	41	335	38								
		Total	88	100	647	100	653	100	892	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	1	1	20	3	12	2	30	3	3.1	3.0	.19	3.1	.07	2.9 *	.24	
		2	Sometimes	17	20	170	26	154	24	260	29								
		3	Often	38	44	262	41	256	39	335	38								
		4	Very often	30	35	190	30	227	35	258	29								
		Total	86	100	642	100	649	100	883	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	1	1	23	4	14	2	36	4	3.1	2.9 *	.24	3.0	.11	2.9 *	.24	
		2	Sometimes	20	23	199	31	171	26	251	28								
		3	Often	33	38	228	35	245	38	347	39								
		4	Very often	33	38	195	30	223	34	254	29								
		Total	87	100	645	100	653	100	888	100									

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				UMD	UMD Peers		Competitors		National Comparison		UMD	Your seniors compared with						
												UMD Peers		Competitors		National Comparison		
Item wording or description	Variable name ⁱ	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	1	1	20	3	16	2	25	3	3.0	2.9	.04	3.0	-.01	2.9	.04
		2	Sometimes	29	33	184	29	162	25	246	28							
		3	Often	30	34	269	42	304	47	384	43							
		4	Very often	27	31	171	27	167	26	230	26							
		Total	87	100	644	100	649	100	885	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	1	1	9	1	8	1	16	2	3.1	3.0	.09	3.0	.09	3.0	.16
		2	Sometimes	18	21	150	23	147	23	223	25							
		3	Often	38	44	287	45	302	46	401	45							
		4	Very often	30	34	197	31	195	30	247	28							
		Total	87	100	643	100	652	100	887	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	9	1	9	1	17	2	3.1	3.0	.12	3.0	.10	3.0	.18
		2	Sometimes	21	24	155	24	161	25	233	26							
		3	Often	37	42	300	47	287	44	403	46							
		4	Very often	30	34	179	28	193	30	231	26							
		Total	88	100	643	100	650	100	884	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	2	0	3	0	10	1	3.5	3.4	.17	3.4	.11	3.4	.20
		2	Sometimes	5	6	68	11	55	8	83	9							
		3	Often	34	40	259	40	259	40	376	43							
		4	Very often	47	55	311	49	331	51	412	47							
		Total	86	100	640	100	648	100	881	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	4	5	77	12	64	10	74	8	2.8	2.6	.18	2.7	.19	2.7	.15
		2	Sometimes	30	34	227	35	243	37	329	37							
		3	Often	30	34	186	29	199	31	279	31							
		4	Very often	23	26	155	24	146	22	206	23							
		Total	87	100	645	100	652	100	888	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	38	43	268	42	266	41	320	36	1.9	1.9	.00	2.0	-.05	2.1	-.12
		2	Sometimes	25	28	207	32	206	32	298	33							
		3	Often	17	19	108	17	98	15	166	19							
		4	Very often	8	9	61	9	81	12	107	12							
		Total	88	100	644	100	651	100	891	100								

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				UMD		UMD Peers		Competitors		National Comparison		Your seniors compared with						
Item wording or description		Variable name ⁱ	Values ^m	Response options		Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	Effect size ⁿ	Mean	Effect size ⁿ	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	12	14	135	21	142	22	148	17	2.5	2.2 *	.25	2.2 *	.23	2.4	.09
		2	Sometimes	33	38	292	45	285	44	387	43							
		3	Often	32	37	147	23	140	22	228	26							
		4	Very often	10	11	69	11	82	13	127	14							
		Total	87	100	643	100	649	100	890	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	16	18	120	19	126	20	140	16	2.3	2.3	-.02	2.3	.01	2.4	-.11
		2	Sometimes	40	45	284	44	282	44	390	44							
		3	Often	22	25	158	25	164	25	222	25							
		4	Very often	10	11	81	13	73	11	136	15							
		Total	88	100	643	100	645	100	888	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	15	17	102	16	131	20	138	16	2.3	2.4	-.17	2.3	-.01	2.4	-.18
		2	Some	39	44	252	39	272	42	345	39							
		3	Quite a bit	29	33	203	32	187	29	286	32							
		4	Very much	5	6	85	13	63	10	120	13							
		Total	88	100	642	100	653	100	889	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	2	11	2	11	2	10	1	3.2	3.2	-.01	3.2	.04	3.2	.03
		2	Some	10	11	98	15	98	15	137	15							
		3	Quite a bit	43	49	269	42	301	46	415	47							
		4	Very much	33	38	264	41	243	37	327	37							
		Total	88	100	642	100	653	100	889	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	1	1	19	3	20	3	12	1	3.0	3.1	-.11	3.1	-.08	3.1	-.09
		2	Some	21	24	119	19	128	20	196	22							
		3	Quite a bit	41	47	272	43	276	42	381	43							
		4	Very much	25	28	228	36	226	35	300	34							
		Total	88	100	638	100	650	100	889	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	3	26	4	21	3	31	3	3.1	3.0	.11	3.0	.06	3.0	.07
		2	Some	18	20	151	24	153	23	217	24							
		3	Quite a bit	37	42	271	42	269	41	355	40							
		4	Very much	30	34	190	30	209	32	284	32							
		Total	88	100	638	100	652	100	887	100								

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				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
														UMD Peers		Competitors		National Comparison	
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	2	2	20	3	20	3	21	2	3.2	3.0	.22	3.1	.14	3.1	.12	
		2	Some	12	14	156	24	135	21	184	21								
		3	Quite a bit	43	49	277	43	283	44	396	45								
		4	Very much	30	34	185	29	209	32	284	32								
		Total	87	100	638	100	647	100	885	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	4	5	14	2	20	3	23	3	2.9	3.1	-.21	3.1	-.21	3.1 *	-0.24	
		2	Some	22	25	133	21	116	18	165	18								
		3	Quite a bit	41	47	299	46	322	49	418	47								
		4	Very much	21	24	199	31	196	30	288	32								
		Total	88	100	645	100	654	100	894	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	5	6	10	2	20	3	24	3	2.9	3.1	-.21	3.0	-.13	3.1	-.17	
		2	Some	21	24	128	20	137	21	165	18								
		3	Quite a bit	36	41	301	47	295	45	438	49								
		4	Very much	25	29	207	32	199	31	267	30								
		Total	87	100	646	100	651	100	894	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	4	5	21	3	21	3	31	3	2.9	3.1	-.22	3.1	-.21	3.1 *	-0.23	
		2	Some	20	23	124	19	133	21	161	18								
		3	Quite a bit	44	51	286	44	271	42	402	45								
		4	Very much	19	22	213	33	221	34	297	33								
		Total	87	100	644	100	646	100	891	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	8	9	57	9	74	11	80	9	2.8	2.8	-.03	2.7	.05	2.8	-.07	
		2	Some	26	30	187	29	195	30	230	26								
		3	Quite a bit	29	34	226	35	214	33	333	37								
		4	Very much	23	27	175	27	168	26	250	28								
		Total	86	100	645	100	651	100	893	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	14	17	49	8	46	7	50	6	2.6	2.8	-.21	2.8	-.20	2.9 *	-0.32	
		2	Some	26	31	190	30	196	30	226	25								
		3	Quite a bit	22	26	229	36	245	38	381	43								
		4	Very much	22	26	172	27	161	25	234	26								
		Total	84	100	640	100	648	100	891	100									

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Frequencies and Statistical Comparisons: Education

University of Minnesota Duluth

Seniors^a in Education

Seniors ^a in Education				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
														UMD Peers		Competitors		National Comparison	
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	19	22	121	19	126	19	159	18	2.3	2.4	-.06	2.3	-.01	2.4	-.08	
		2	Sometimes	34	39	255	40	283	43	370	41								
		3	Often	25	28	186	29	164	25	244	27								
		4	Very often	10	11	80	12	81	12	123	14								
		Total	88	100	642	100	654	100	896	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	22	25	165	26	155	24	200	22	2.1	2.2	.00	2.2	-.01	2.2	-.06	
		2	Sometimes	37	43	278	43	291	45	393	44								
		3	Often	21	24	135	21	156	24	220	25								
		4	Very often	7	8	64	10	50	8	79	9								
		Total	87	100	642	100	652	100	892	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	24	28	145	23	133	20	213	24	2.1	2.2	-.07	2.2	-.10	2.2	-.06	
		2	Sometimes	34	40	295	46	314	48	395	44								
		3	Often	22	26	144	22	149	23	203	23								
		4	Very often	6	7	59	9	57	9	82	9								
		Total	86	100	643	100	653	100	893	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum	0	None	0	0	12	2	13	2	18	2	10.9	10.7	.02	10.6	.03	9.5	.18	
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	10	12	80	13	86	14	141	16								
		4	3-5	21	24	144	23	143	22	214	25								
		8	6-10	15	17	132	21	119	19	173	20								
		13	11-15	16	19	83	13	86	14	117	14								
		18	16-20	9	10	60	9	71	11	83	10								
		23	More than 20	15	17	125	20	118	19	120	14								
Total	86	100	636	100	636	100	866	100											
b. Between 6 and 10 pages	wrmednum	0	None	18	22	108	17	95	15	151	18	3.9	3.8	.03	3.7	.06	3.4	.15	
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	27	33	244	39	228	37	322	38								
		4	3-5	18	22	156	25	192	31	235	28								
		8	6-10	11	13	65	10	71	11	102	12								
		13	11-15	6	7	27	4	19	3	29	3								
		18	16-20	1	1	12	2	9	1	8	1								
		23	More than 20	1	1	12	2	8	1	4	0								
Total	82	100	624	100	622	100	851	100											

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				UMD		UMD Peers		Competitors		National Comparison		Your seniors compared with					
				UMD		UMD Peers		Competitors		National Comparison		UMD	UMD Peers	Competitors	National Comparison		
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
c. 11 pages or more	wrlongnum	0	None	25	30	255	41	232	38	325	38	1.9	2.0	-.03	1.8	.02	2.0
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	43	51	245	39	282	46	357	42						
		4	3-5	11	13	81	13	65	11	113	13						
		8	6-10	4	5	21	3	16	3	25	3						
		13	11-15	0	0	6	1	5	1	10	1						
		18	16-20	1	1	8	1	3	0	7	1						
		23	More than 20	0	0	7	1	8	1	9	1						
		Total		84	100	623	100	611	100	846	100						
Estimated number of assigned pages of student writing.	wrpages											88.4	89.8	-.02	85.1	.04	81.0
	(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	4	5	33	5	35	5	44	5	2.9	2.9	-.05	2.8	.10	2.8
		2	Sometimes	31	35	212	33	254	39	304	34						
		3	Often	27	31	192	30	195	30	299	33						
		4	Very often	26	30	211	33	168	26	248	28						
		Total		88	100	648	100	652	100	895	100						
b. People from an economic background other than your own	DDeconomic	1	Never	1	1	14	2	19	3	21	2	3.0	3.1	-.08	3.0	.03	3.0
		2	Sometimes	22	25	148	23	169	26	234	26						
		3	Often	39	44	249	39	255	39	351	39						
		4	Very often	26	30	234	36	205	32	287	32						
		Total		88	100	645	100	648	100	893	100						
c. People with religious beliefs other than your own	DDreligion	1	Never	4	5	24	4	24	4	35	4	2.9	3.1	-.20	3.0	-.10	3.0
		2	Sometimes	26	30	159	25	186	29	261	29						
		3	Often	32	37	204	32	217	33	297	33						
		4	Very often	25	29	256	40	222	34	301	34						
		Total		87	100	643	100	649	100	894	100						
d. People with political views other than your own	DDpolitical	1	Never	2	2	20	3	21	3	31	3	3.0	3.1	-.08	3.1	-.04	3.0
		2	Sometimes	24	27	140	22	147	23	226	25						
		3	Often	31	35	237	37	244	38	333	37						
		4	Very often	31	35	246	38	235	36	300	34						
		Total		88	100	643	100	647	100	890	100						

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Seniors ^a in Education				Frequency Distributions								Statistical Comparisons ^k									
				UMD		UMD Peers		Competitors		National Comparison		UMD		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
9. During the current school year, about how often have you done the following?																					
a. Identified key information from reading assignments		LSreading		1	Never	0	0	12	2	19	3	12	1	3.2	3.3	-.07	3.3	-.04	3.3	-.12	
				2	Sometimes	15	17	85	13	97	15	127	14								
				3	Often	38	43	257	40	230	35	322	36								
				4	Very often	35	40	289	45	305	47	437	49								
				Total	88	100	643	100	651	100	898	100									
b. Reviewed your notes after class		LSnotes		1	Never	9	10	43	7	66	10	63	7	2.6	2.8	-.14	2.7	-.01	2.8	-.19	
				2	Sometimes	34	39	237	37	239	37	285	32								
				3	Often	24	27	179	28	189	29	294	33								
				4	Very often	21	24	181	28	151	23	252	28								
				Total	88	100	640	100	645	100	894	100									
c. Summarized what you learned in class or from course materials		LSsummary		1	Never	2	2	39	6	46	7	46	5	2.9	2.9	.00	2.8	.03	2.9	-.06	
				2	Sometimes	30	34	195	31	198	31	268	30								
				3	Often	34	39	217	34	215	34	296	33								
				4	Very often	21	24	181	29	179	28	278	31								
				Total	87	100	632	100	638	100	888	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	0	0	4	1	3	0	6	1	5.4	5.7 **	-.24	5.6	-.12	5.7 *	-.22	
				2	0	0	4	1	4	1	2	0									
				3	0	0	16	2	19	3	21	2									
				4	7	8	40	6	52	8	78	9									
				5	45	51	182	28	220	34	255	28									
				6	26	30	248	38	227	35	312	35									
				7	10	11	151	23	127	19	221	25									
				Total	88	100	645	100	652	100	895	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		1	1	6	1	5	1	7	1	83%	72% *	.27	71% *	.29	66% **	.39	
				Do not plan to do		4	5	11	2	8	1	21	2								
				Plan to do		10	11	167	26	179	27	274	31								
				Done or in progress		73	83	464	72	462	71	596	66								
				Total		88	100	648	100	654	100	898	100								
		(Means indicate the percentage who responded "Done or in progress.")																			

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													UMD Peers		Competitors		National Comparison		
Item wording or description	Variable name ⁱ	Values ^m	Response options		Count	%	Count	%	Count	%	Count	%	Mean	Mean	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	7	8	57	9	46	7	53	6	35%	35%	.01	43%	-.15	41%	-.12	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	43	49	326	50	308	47	426	48									
	Plan to do	7	8	40	6	18	3	47	5										
	Done or in progress	31	35	224	35	278	43	370	41										
	Total	88	100	647	100	650	100	896	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	6	7	63	10	46	7	73	8	49%	36% * ▲	.26	42%	.15	39%	.21	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	30	34	306	47	285	44	409	46									
	Plan to do	9	10	45	7	49	8	68	8										
	Done or in progress	43	49	233	36	270	42	346	39										
	Total	88	100	647	100	650	100	896	100										
d. Participate in a study abroad program	abroad		Have not decided	7	8	63	10	45	7	58	6	17%	16%	.03	15%	.05	16%	.02	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	56	64	431	67	473	72	641	72									
	Plan to do	10	11	48	7	37	6	49	5										
	Done or in progress	15	17	102	16	99	15	145	16										
	Total	88	100	644	100	654	100	893	100										
e. Work with a faculty member on a research project	research		Have not decided	11	13	93	14	72	11	100	11	11%	14%	-.07	13%	-.03	17%	-.15	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	63	72	414	64	458	71	584	66									
	Plan to do	3	3	49	8	31	5	57	6										
	Done or in progress	10	11	89	14	81	13	148	17										
	Total	87	100	645	100	642	100	889	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	11	13	45	7	41	6	46	5	28%	50% *** ▼	-.46	46% ** ▼	-.38	54% *** ▼	-.54	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	28	32	122	19	133	20	159	18									
	Plan to do	24	28	159	25	177	27	211	24										
	Done or in progress	24	28	321	50	298	46	481	54										
	Total	87	100	647	100	649	100	897	100										

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

servcourse	1	None	10	11	91	14	61	9	123	14	2.3	2.1 * ▲	.32	2.2	.25	2.1 * ▲	.30
	2	Some	44	50	409	64	434	67	544	61							
	3	Most	30	34	125	20	141	22	216	24							
	4	All	4	5	16	2	13	2	9	1							
	Total		88	100	641	100	649	100	892	100							

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Item wording or description		Variable name ⁱ		Values ^m	Response options	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	0	0	0	0	3	0	6.1	6.0	.14	6.0	.15	5.9	.16
		2		0	0	6	1	1	0	1	0									
		3		1	1	8	1	8	1	19	2									
		4		4	5	47	7	46	7	54	6									
		5		17	19	125	19	129	20	167	19									
		6		29	33	218	34	248	38	353	39									
		7	Excellent	37	42	239	37	218	33	296	33									
		—	Not applicable	0	0	3	0	4	1	5	1									
			Total	88	100	646	100	654	100	898	100									
b. Academic advisors		QIadvisor		1	Poor	3	3	36	6	25	4	32	4	5.5	4.9 ** ▲	.34	5.2	.14	5.4	.06
		2		3	3	51	8	38	6	42	5									
		3		6	7	56	9	47	7	51	6									
		4		9	10	88	14	70	11	94	10									
		5		14	16	135	21	141	22	165	18									
		6		20	23	124	19	128	20	212	24									
		7	Excellent	32	37	149	23	202	31	291	32									
		—	Not applicable	0	0	8	1	3	0	9	1									
			Total	87	100	647	100	654	100	896	100									
c. Faculty		QIfaculty		1	Poor	0	0	8	1	7	1	7	1	5.5	5.5	.01	5.5	.06	5.7	-.10
		2		2	2	10	2	10	2	8	1									
		3		4	5	23	4	25	4	23	3									
		4		8	9	62	10	65	10	84	9									
		5		21	24	168	26	181	28	206	23									
		6		33	38	222	35	235	36	334	38									
		7	Excellent	18	21	144	23	122	19	218	25									
		—	Not applicable	0	0	2	0	1	0	6	1									
			Total	86	100	639	100	646	100	886	100									

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				UMD		UMD Peers		Competitors		National Comparison		UMD		UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name ⁱ	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.)	Qlstaff	1	Poor	2	2	19	3	23	4	25	3	4.8	5.0	-.15	5.0	-.09	5.1	-.18	
		2		2	2	21	3	25	4	40	4								
		3		10	11	37	6	41	6	53	6								
		4		10	11	80	12	91	14	109	12								
		5		26	30	124	19	142	22	188	21								
		6		18	21	159	25	156	24	213	24								
		7	Excellent	6	7	77	12	79	12	145	16								
		—	Not applicable	13	15	127	20	93	14	120	13								
		Total		87	100	644	100	650	100	893	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	3	3	25	4	25	4	31	3	4.5	4.9 *	-.27	5.0 *	-.30	5.1 **	-.37	
		2		6	7	35	5	29	4	36	4								
		3		10	11	44	7	51	8	69	8								
		4		15	17	114	18	99	15	128	14								
		5		24	28	142	22	162	25	202	23								
		6		17	20	171	27	160	25	250	28								
		7	Excellent	4	5	92	14	99	15	154	17								
		—	Not applicable	8	9	21	3	28	4	22	2								
		Total		87	100	644	100	653	100	892	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	0	0	9	1	14	2	24	3	3.2	3.1	.18	3.0 *	.23	3.0 **	.30	
		2	Some	9	10	126	20	129	20	178	20								
		3	Quite a bit	51	58	309	48	321	49	472	53								
		4	Very much	28	32	199	31	189	29	223	25								
		Total		88	100	643	100	653	100	897	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	2	17	3	23	4	36	4	2.9	3.0	-.14	3.0	-.10	3.0	-.13	
		2	Some	25	29	149	23	159	24	197	22								
		3	Quite a bit	42	48	299	47	292	45	406	46								
		4	Very much	18	21	173	27	175	27	247	28								
		Total		87	100	638	100	649	100	886	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	10	11	57	9	65	10	63	7	2.6	2.8 *	-.23	2.8	-.19	2.9 **	-.36	
		2	Some	31	35	168	26	169	26	198	22								
		3	Quite a bit	31	35	256	40	259	40	367	41								
		4	Very much	16	18	159	25	154	24	260	29								
		Total		88	100	640	100	647	100	888	100								

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														UMD Peers		Competitors		National Comparison	
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. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	16	18	78	12	90	14	126	14	2.4	2.6	-.18	2.5	-.09	2.5	-.11	
		2	Some	28	32	222	35	235	36	314	35								
		3	Quite a bit	31	36	201	32	209	32	292	33								
		4	Very much	12	14	137	21	114	18	163	18								
		Total	87	100	638	100	648	100	895	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	5	6	32	5	36	6	40	4	2.8	3.0	-.20	3.0	-.16	3.0 *	▽	
		2	Some	24	28	127	20	136	21	179	20								
		3	Quite a bit	39	45	296	46	293	45	400	45								
		4	Very much	19	22	187	29	185	28	276	31								
		Total	87	100	642	100	650	100	895	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	6	7	51	8	40	6	57	6	2.8	2.9	-.10	2.9	-.15	2.9	-.14	
		2	Some	27	31	150	23	143	22	200	22								
		3	Quite a bit	33	38	254	40	281	43	383	43								
		4	Very much	22	25	186	29	185	29	254	28								
		Total	88	100	641	100	649	100	894	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	32	37	233	36	214	33	280	31	1.9	2.0	-.08	2.0	-.11	2.1	-.21	
		2	Some	34	40	233	36	261	40	326	36								
		3	Quite a bit	15	17	122	19	126	19	189	21								
		4	Very much	5	6	52	8	49	8	99	11								
		Total	86	100	640	100	650	100	894	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	6	7	69	11	66	10	73	8	2.6	2.7	-.14	2.7	-.17	2.8 *	▽	
		2	Some	36	41	183	29	188	29	242	27								
		3	Quite a bit	34	39	252	40	252	39	354	40								
		4	Very much	11	13	131	21	142	22	220	25								
		Total	87	100	635	100	648	100	889	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	10	11	95	15	98	15	115	13	2.4	2.5	-.05	2.4	.01	2.5	-.11	
		2	Some	38	43	245	38	253	39	337	38								
		3	Quite a bit	33	38	206	32	228	35	300	34								
		4	Very much	7	8	92	14	68	11	141	16								
		Total	88	100	638	100	647	100	893	100									

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

University of Minnesota Duluth

Seniors^a in Education

Seniors ^a in Education				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
														UMD Peers		Competitors		National Comparison	
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	
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	0	0	2	0	2	0	17.3	15.5	.21	16.0	.14	15.6	.19	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	7	64	10	60	9	91	10								
		8	6-10 hrs	18	20	132	21	111	17	189	21								
		13	11-15 hrs	17	19	159	25	167	26	192	21								
		18	16-20 hrs	20	23	136	21	130	20	182	20								
		23	21-25 hrs	8	9	62	10	79	12	120	13								
		28	26-30 hrs	7	8	39	6	53	8	55	6								
		33	More than 30 hrs	12	14	51	8	46	7	66	7								
		Total	88	100	643	100	648	100	897	100									
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	41	47	266	41	242	37	343	38	4.0	3.9	.02	4.0	-.01	4.5	-.08	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	24	27	230	36	256	40	313	35								
		8	6-10 hrs	15	17	72	11	81	13	123	14								
		13	11-15 hrs	4	5	42	7	37	6	51	6								
		18	16-20 hrs	1	1	16	2	16	2	31	3								
		23	21-25 hrs	1	1	9	1	7	1	18	2								
		28	26-30 hrs	0	0	4	1	4	1	9	1								
		33	More than 30 hrs	2	2	2	0	5	1	7	1								
		Total	88	100	641	100	648	100	895	100									
c. Working for pay on campus	tmworkonhrs	0	0 hrs	66	75	463	72	454	70	616	69	2.7	3.7	-.14	3.6	-.14	3.7	-.15	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	7	30	5	39	6	57	6								
		8	6-10 hrs	6	7	43	7	49	8	82	9								
		13	11-15 hrs	5	6	43	7	50	8	59	7								
		18	16-20 hrs	3	3	39	6	37	6	49	5								
		23	21-25 hrs	1	1	14	2	11	2	16	2								
		28	26-30 hrs	1	1	3	0	4	1	6	1								
		33	More than 30 hrs	0	0	8	1	5	1	8	1								
		Total	88	100	643	100	649	100	893	100									

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

University of Minnesota Duluth

Seniors^a in Education

Seniors ^a in Education				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
														UMD Peers		Competitors		National Comparison	
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. Working for pay off campus	tmworkoffhrs	0	0 hrs	31	36	226	35	220	34	357	40	11.1	11.7	-.05	11.4	-.02	10.6	.04	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	7	40	6	51	8	69	8								
		8	6-10 hrs	11	13	62	10	74	11	86	10								
		13	11-15 hrs	8	9	62	10	66	10	74	8								
		18	16-20 hrs	14	16	96	15	81	12	94	11								
		23	21-25 hrs	2	2	58	9	68	10	78	9								
		28	26-30 hrs	7	8	37	6	34	5	57	6								
		33	More than 30 hrs	8	9	61	10	55	8	77	9								
		Total			87	100	642	100	649	100	892								100
Estimated number of hours working for pay	tmworkhrs											13.8	15.4	-.14	15.0	-.10	14.2	-.03	
(Continuous variable created by NSSE)																			
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	30	36	232	36	227	36	360	41	7.2	3.3 *** ▲	.67	3.2 *** ▲	.72	3.2 *** ▲	.70	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	25	30	311	49	317	50	377	43								
		8	6-10 hrs	9	11	53	8	63	10	91	10								
		13	11-15 hrs	5	6	19	3	18	3	17	2								
		18	16-20 hrs	3	4	12	2	4	1	13	1								
		23	21-25 hrs	3	4	2	0	1	0	11	1								
		28	26-30 hrs	1	1	3	0	2	0	3	0								
		33	More than 30 hrs	7	8	5	1	6	1	6	1								
		Total			83	100	637	100	638	100	878								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	6	1	7	1	10	1	12.0	11.1	.12	11.1	.13	11.0	.14	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	19	23	165	26	155	24	229	26								
		8	6-10 hrs	21	25	188	29	201	31	269	30								
		13	11-15 hrs	20	24	132	21	124	19	173	19								
		18	16-20 hrs	10	12	77	12	83	13	108	12								
		23	21-25 hrs	7	8	32	5	35	5	50	6								
		28	26-30 hrs	3	4	15	2	17	3	22	2								
		33	More than 30 hrs	3	4	26	4	19	3	29	3								
		Total			84	100	641	100	641	100	890								100

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

University of Minnesota Duluth

Seniors^a in Education

Seniors ^a in Education				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		National Comparison		UMD		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
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	67	76	442	70	508	79	636	72	4.4	5.1	-.07	3.6	.08	4.8	-.04	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	7	60	9	50	8	80	9								
	8	6-10 hrs	3	3	25	4	16	2	30	3									
	13	11-15 hrs	1	1	19	3	8	1	20	2									
	18	16-20 hrs	2	2	12	2	4	1	15	2									
	23	21-25 hrs	0	0	7	1	4	1	10	1									
	28	26-30 hrs	0	0	7	1	5	1	2	0									
	33	More than 30 hrs	9	10	62	10	50	8	89	10									
	Total	88	100	634	100	645	100	882	100										
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	8	9	65	10	83	13	124	14	3.9	4.6	-.14	4.1	-.04	4.3	-.10	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	65	75	429	67	451	69	561	63								
	8	6-10 hrs	11	13	102	16	76	12	146	16									
	13	11-15 hrs	2	2	29	5	27	4	38	4									
	18	16-20 hrs	0	0	7	1	5	1	12	1									
	23	21-25 hrs	0	0	2	0	2	0	7	1									
	28	26-30 hrs	0	0	3	0	1	0	2	0									
	33	More than 30 hrs	1	1	7	1	6	1	3	0									
	Total	87	100	644	100	651	100	893	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	10	11	23	6	23	11	53	10	3.0	3.1	-.05	3.1	-.07	3.0	.03		
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	21	24	92	25	44	21	123								24	
	3	About half	25	28	131	36	61	29	160	32									
	4	Most	23	26	83	23	61	29	124	25									
	5	Almost all	9	10	38	10	23	11	45	9									
	Total	88	100	367	100	212	100	505	100										
tmreadinghrs												9.0	8.2	.13	8.5	.06	8.0	.15	
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																			

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

University of Minnesota Duluth

Seniors^a in Education

Seniors ^a in Education				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
	tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	0	0	0	0	0	0	2	0								
		2	More than zero, up to 5 hrs	34	39	131	36	66	32	215	43								
		3	More than 5, up to 10 hrs	28	32	136	37	79	38	143	28								
		4	More than 10, up to 15 hrs	9	10	48	13	37	18	68	14								
		5	More than 15, up to 20 hrs	7	8	28	8	11	5	41	8								
		6	More than 20, up to 25 hrs	7	8	18	5	12	6	24	5								
		7	More than 25 hrs	3	3	4	1	4	2	10	2								
		Total		88	100	365	100	209	100	503	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	3	3	45	7	51	8	45	5	2.9	2.9	.02	2.9	.04	3.0	-.05	
		2	Some	21	24	153	24	148	23	205	23								
		3	Quite a bit	42	48	254	39	262	40	368	41								
		4	Very much	22	25	193	30	192	29	279	31								
		Total		88	100	645	100	653	100	897	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	6	7	45	7	45	7	53	6	2.9	2.9	-.10	2.9	-.05	3.0	-.16	
		2	Some	21	24	148	23	161	25	180	20								
		3	Quite a bit	41	47	250	39	257	40	384	43								
		4	Very much	20	23	200	31	186	29	281	31								
		Total		88	100	643	100	649	100	898	100								
c. Thinking critically and analytically	pgthink	1	Very little	1	1	15	2	11	2	17	2	3.3	3.2	.03	3.3	-.04	3.2	.03	
		2	Some	9	10	88	14	80	12	127	14								
		3	Quite a bit	44	51	273	43	275	42	384	43								
		4	Very much	33	38	266	41	283	44	366	41								
		Total		87	100	642	100	649	100	894	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	16	18	132	21	126	19	165	18	2.3	2.4	-.09	2.4	-.07	2.4	-.12	
		2	Some	42	48	241	38	260	40	351	39								
		3	Quite a bit	18	20	157	24	166	25	228	25								
		4	Very much	12	14	112	17	99	15	151	17								
		Total		88	100	642	100	651	100	895	100								

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

University of Minnesota Duluth

Seniors^a in Education

				Frequency Distributions								Statistical Comparisons ^k					
				UMD		UMD Peers		Competitors		National Comparison		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	UMD		UMD Peers		Competitors		National Comparison		UMD	UMD Peers		Competitors	National Comparison	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	4	5	27	4	24	4	36	4	3.3	3.2	.07	3.2	.11	3.2
		2	Some	12	14	102	16	104	16	142	16						
		3	Quite a bit	26	30	208	32	240	37	316	35						
		4	Very much	46	52	307	48	284	44	401	45						
		Total		88	100	644	100	652	100	895	100						
f. Working effectively with others	pgothers	1	Very little	3	3	25	4	22	3	20	2	3.3	3.2	.16	3.2	.11	3.2
		2	Some	11	13	100	16	92	14	141	16						
		3	Quite a bit	29	33	251	39	258	40	353	40						
		4	Very much	44	51	265	41	280	43	379	42						
		Total		87	100	641	100	652	100	893	100						
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	7	8	57	9	64	10	74	8	2.9	2.9	.02	2.9	.00	2.9
		2	Some	25	28	174	27	150	23	207	23						
		3	Quite a bit	28	32	218	34	239	37	320	36						
		4	Very much	28	32	195	30	199	31	292	33						
		Total		88	100	644	100	652	100	893	100						
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	5	6	40	6	42	6	61	7	2.9	3.0	-.05	2.9	-.04	2.9
		2	Some	25	28	152	24	145	22	217	24						
		3	Quite a bit	31	35	250	39	268	41	348	39						
		4	Very much	27	31	204	32	195	30	268	30						
		Total		88	100	646	100	650	100	894	100						
i. Solving complex real-world problems	pgprobsolve	1	Very little	7	8	49	8	50	8	74	8	2.9	2.8	.06	2.8	.07	2.8
		2	Some	22	25	193	30	174	27	262	29						
		3	Quite a bit	32	37	222	35	267	41	337	38						
		4	Very much	26	30	179	28	157	24	218	24						
		Total		87	100	643	100	648	100	891	100						
j. Being an informed and active citizen	pgcitizen	1	Very little	12	14	63	10	63	10	96	11	2.6	2.7	-.12	2.8	-.17	2.7
		2	Some	29	33	203	32	182	28	258	29						
		3	Quite a bit	29	33	227	35	252	39	317	36						
		4	Very much	18	20	148	23	152	23	221	25						
		Total		88	100	641	100	649	100	892	100						

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Education

University of Minnesota Duluth

Seniors^a in Education

Seniors ^a in Education				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
														UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name ⁱ	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	1	1	10	2	11	2	13	1	3.2	3.3	-.13	3.3	-.11	3.4	-.21	
		2	Fair	7	8	59	9	66	10	66	7								
		3	Good	51	59	297	46	298	45	404	45								
		4	Excellent	28	32	279	43	280	43	416	46								
		Total		87	100	645	100	655	100	899	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	3	3	15	2	22	3	29	3	3.2	3.3	-.15	3.3	-.09	3.4	-.19	
		2	Probably no	6	7	68	11	64	10	72	8								
		3	Probably yes	47	53	245	38	265	41	334	37								
		4	Definitely yes	32	36	317	49	301	46	462	52								
		Total		88	100	645	100	652	100	897	100								

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

University of Minnesota Duluth

Education

			First-Year Students ^a								Seniors ^a							
			UMD		UMD Peers		Competitors		National Comparison		UMD		UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	46	84	246	86	280	79	437	77	73	83	541	83	485	74	684	76
		More than one	9	16	39	14	74	21	130	23	15	17	107	17	171	26	216	24
		Total	55	100	285	100	354	100	567	100	88	100	648	100	656	100	900	100
First major or expected first major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJfirstcol (Recoded from MAJfirst)	Arts & Humanities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Biological Sci., Agriculture, & Natural Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Physical Sci., Mathematics, & Computer Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Social Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Business	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Communications, Media, & Public Relations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Education	55	100	285	100	354	100	567	100	88	100	648	100	656	100	900	100
		Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Health Professions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Social Service Professions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		All Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	55	100	285	100	354	100	567	100	88	100	648	100	656	100	900	100
Second major or expected second major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJsecondcol (Recoded from MAJsecond)	Arts & Humanities	1	11	11	28	18	25	21	16	1	7	17	16	27	16	25	12
		Biological Sci., Agriculture, & Natural Resources	1	11	1	3	1	1	3	2	0	0	0	0	3	2	4	2
		Physical Sci., Mathematics, & Computer Science	0	0	2	5	4	5	4	3	0	0	2	2	11	6	8	4
		Social Sciences	0	0	1	3	3	4	4	3	0	0	7	7	14	8	26	12
		Business	0	0	2	5	0	0	3	2	1	7	3	3	2	1	0	0
		Communications, Media, & Public Relations	0	0	0	0	0	0	1	1	0	0	0	0	2	1	1	0
		Education	6	67	19	49	39	53	71	55	12	80	74	70	100	59	125	58
		Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Health Professions	0	0	1	3	3	4	4	3	0	0	2	2	4	2	4	2
		Social Service Professions	0	0	2	5	1	1	0	0	0	0	0	0	0	0	0	0
		All Other	1	11	0	0	4	5	14	11	1	7	0	0	6	4	20	9
		Undecided, Undeclared	0	0	0	0	0	0	4	3	0	0	1	1	1	1	2	1
		Total	9	100	39	100	73	100	129	100	15	100	106	100	170	100	215	100

NSSE 2014 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

University of Minnesota Duluth

Education

			First-Year Students ^a								Seniors ^a							
			UMD		UMD Peers		Competitors		National Comparison		UMD		UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. What is your class level?	class	Freshman/First-year	51	94	256	91	326	93	507	90	0	0	1	0	0	0	0	0
		Sophomore	3	6	17	6	22	6	52	9	0	0	2	0	2	0	2	0
		Junior	0	0	1	0	3	1	5	1	7	8	37	6	41	6	41	5
		Senior	0	0	5	2	1	0	0	0	75	86	578	90	579	88	824	92
		Unclassified	0	0	3	1	0	0	1	0	5	6	25	4	33	5	29	3
		Total	54	100	282	100	352	100	565	100	87	100	643	100	655	100	896	100
22. Thinking about this current academic term, are you a full-time student?	fulltime	No	0	0	3	1	7	2	6	1	4	5	60	9	41	6	93	10
		Yes	54	100	281	99	346	98	560	99	84	95	581	91	610	94	803	90
		Total	54	100	284	100	353	100	566	100	88	100	641	100	651	100	896	100
23a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	1	0	2	1	0	0	0	0	30	5	11	2	48	5
		1	0	0	0	0	0	0	0	0	1	1	106	16	67	10	92	10
		2	0	0	2	1	0	0	0	0	11	13	85	13	91	14	134	15
		3	0	0	24	8	8	2	27	5	22	25	33	5	60	9	78	9
		4	10	18	78	27	77	22	143	25	15	17	124	19	119	18	131	15
		5	33	60	95	33	177	50	243	43	14	16	125	19	146	22	176	20
		6	7	13	54	19	46	13	79	14	15	17	70	11	83	13	118	13
		7 or more	5	9	31	11	44	12	73	13	10	11	70	11	78	12	117	13
		Total	55	100	285	100	354	100	565	100	88	100	643	100	655	100	894	100
b. Of these, how many are entirely online?	onlinenum	0	50	91	247	87	325	92	507	90	35	40	540	84	527	80	746	83
		1	5	9	33	12	26	7	49	9	31	35	83	13	95	14	99	11
		2	0	0	3	1	1	0	5	1	15	17	15	2	12	2	29	3
		3	0	0	1	0	0	0	2	0	6	7	2	0	10	2	11	1
		4	0	0	0	0	0	0	1	0	0	0	2	0	8	1	4	0
		5	0	0	0	0	1	0	0	0	0	0	0	0	3	0	2	0
		6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
		7 or more	0	0	0	0	0	0	1	0	1	1	0	0	1	0	2	0
		Total	55	100	284	100	353	100	566	100	88	100	642	100	656	100	894	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum)	onlinecscol	No courses taken online	50	91	247	87	325	92	507	90	35	40	539	84	527	80	745	84
		Some courses taken online	5	9	36	13	27	8	56	10	44	50	95	15	98	15	127	14
		All courses taken online	0	0	1	0	1	0	1	0	9	10	7	1	30	5	19	2
		Total	55	100	284	100	353	100	564	100	88	100	641	100	655	100	891	100

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Respondent Profile: Education

University of Minnesota Duluth

Education

Education			First-Year Students ^a								Seniors ^a							
			UMD		UMD Peers		Competitors		National Comparison		UMD		UMD Peers		Competitors		National Comparison	
<i>Item wording or description</i>	<i>Variable name</i>	<i>Response options</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>
24. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	7	2	8	2	8	1	0	0	1	0	0	0	2	0
		C	1	2	9	3	6	2	13	2	0	0	5	1	2	0	2	0
		C+	0	0	10	4	8	2	30	5	2	2	8	1	6	1	2	0
		B-	5	9	17	6	12	3	39	7	0	0	18	3	8	1	22	2
		B	14	25	56	20	82	23	106	19	12	14	91	14	73	11	115	13
		B+	11	20	55	19	69	20	99	17	19	22	114	18	104	16	174	19
		A-	12	22	54	19	79	22	122	22	25	29	164	26	159	24	216	24
		A	12	22	77	27	89	25	149	26	29	33	242	38	301	46	363	41
Total	55	100	285	100	353	100	566	100	87	100	643	100	653	100	896	100		
25. Did you begin college at this institution or elsewhere?	begincol	Started here	49	89	259	91	328	93	524	93	55	64	348	54	425	65	535	60
		Started elsewhere	6	11	26	9	23	7	40	7	31	36	292	46	228	35	360	40
		Total	55	100	285	100	351	100	564	100	86	100	640	100	653	100	895	100
26. 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	0	0	3	1	6	2	8	1	2	2	23	4	54	8	61	7
	attend_com	Community or junior college	3	5	25	9	15	4	30	5	23	26	329	51	157	24	271	30
	attend_col	4-year college or university other than this one	1	2	27	10	13	4	37	7	20	23	124	19	146	22	206	23
	attend_none	None	49	89	227	81	313	89	479	85	48	55	239	37	364	56	449	50
	attend_other	Other	2	4	7	3	8	2	17	3	3	3	20	3	22	3	28	3
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	3	6	9	3	8	2	15	3	5	6	17	3	29	4	30	3
		Bachelor's degree (B.A., B.S., etc.)	17	32	91	32	140	40	209	37	30	34	138	22	171	26	242	27
		Master's degree (M.A., M.S., etc.)	29	55	171	60	187	53	306	54	34	39	416	65	393	60	519	58
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	4	8	13	5	18	5	35	6	18	21	68	11	60	9	102	11
		Total	53	100	284	100	353	100	565	100	87	100	639	100	653	100	893	100

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Education

			First-Year Students ^a								Seniors ^a							
			UMD		UMD Peers		Competitors		National Comparison		UMD		UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	1	2	8	3	4	1	20	4	1	1	20	3	10	2	33	4
		High school diploma or G.E.D.	7	13	36	13	53	15	100	18	6	7	97	15	106	16	170	19
		Attended college, but did not complete degree	7	13	32	11	42	12	78	14	10	11	91	14	66	10	115	13
		Associate's degree (A.A., A.S., etc.)	8	15	48	17	47	13	89	16	19	22	94	15	119	18	134	15
		Bachelor's degree (B.A., B.S., etc.)	22	40	94	33	121	35	171	30	26	30	192	30	211	32	263	29
		Master's degree (M.A., M.S., etc.)	9	16	57	20	66	19	83	15	18	21	118	18	118	18	159	18
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	1	2	8	3	17	5	21	4	7	8	30	5	26	4	25	3
		Total	55	100	283	100	350	100	562	100	87	100	642	100	656	100	899	100
First-generation status (No parent holds a bachelor's degree)	firstgen	Not first-generation	32	58	159	56	204	58	275	49	51	59	340	53	355	54	447	50
	(Recoded from parented)	First-generation	23	42	124	44	146	42	287	51	36	41	302	47	301	46	452	50
		Total	55	100	283	100	350	100	562	100	87	100	642	100	656	100	899	100
29. What is your gender identity? (Revised for 2014; limited to NSSE 2014 institutions)	genderid	Man	13	24	21	11	25	17	56	16	19	22	68	19	41	19	100	20
		Woman	41	75	165	88	126	83	297	84	68	78	290	80	167	79	399	79
		Another gender identity	1	2	0	0	0	0	0	0	0	0	1	0	0	0	3	1
		I prefer not to respond	0	0	1	1	0	0	2	1	0	0	5	1	3	1	5	1
		Total	55	100	187	100	151	100	355	100	87	100	364	100	211	100	507	100
30. Enter your year of birth (e.g., 1994):	agecat	19 or younger	55	100	261	92	341	96	536	95	1	1	2	0	1	0	3	0
	(Recoded from the information entered in birthyear)	20-23	0	0	13	5	11	3	23	4	70	80	464	73	522	80	669	75
		24-29	0	0	5	2	1	0	3	1	10	11	96	15	73	11	117	13
		30-39	0	0	2	1	1	0	5	1	2	2	44	7	34	5	58	6
		40-55	0	0	2	1	0	0	0	0	3	3	30	5	24	4	41	5
		Over 55	0	0	0	0	0	0	0	0	1	1	4	1	1	0	7	1
		Total	55	100	283	100	354	100	567	100	87	100	640	100	655	100	895	100
31. Are you an international student or foreign national?	internat	No	54	98	276	98	348	99	553	98	85	98	631	99	647	99	882	99
		Yes	1	2	6	2	5	1	10	2	2	2	6	1	7	1	13	1
		Total	55	100	282	100	353	100	563	100	87	100	637	100	654	100	895	100

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University of Minnesota Duluth

Education

			First-Year Students ^a								Seniors ^a							
			UMD		UMD Peers		Competitors		National Comparison		UMD		UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	0	0	4	1	6	2	8	1	3	3	4	1	10	2	10	1
	re_asian	Asian	4	7	16	6	10	3	15	3	3	3	8	1	13	2	18	2
	re_black	Black or African American	0	0	13	5	3	1	19	3	0	0	21	3	7	1	15	2
	re_latino	Hispanic or Latino	0	0	17	6	7	2	38	7	2	2	20	3	7	1	36	4
	re_pacific	Native Hawaiian or Other Pacific Islander	0	0	2	1	1	0	4	1	1	1	4	1	0	0	3	0
	re_white	White	51	93	242	85	329	93	495	87	80	92	564	88	610	93	805	90
	re_other	Other	1	2	3	1	4	1	4	1	1	1	10	2	5	1	15	2
	re_pnr	I prefer not to respond	0	0	5	2	4	1	15	3	1	1	25	4	27	4	25	3
	re_all	American Indian or Alaska Native	0	0	0	0	3	1	3	1	1	1	1	0	0	0	1	0
	(Recoded from re_amind through re_pnr where each student is represented only once)	Asian	3	5	14	5	10	3	10	2	2	2	5	1	10	2	15	2
33. Are you a member of a social fraternity or sorority?	re_amind	Black or African American	0	0	11	4	1	0	11	2	0	0	19	3	1	0	11	1
	re_pnr	Hispanic or Latino	0	0	10	4	5	1	28	5	2	2	13	2	2	0	23	3
	where each student is represented only once	Native Hawaiian/Other Pac. Islander	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0
		White	51	93	228	80	321	91	468	83	76	87	549	86	591	90	787	88
		Other	0	0	1	0	2	1	2	0	1	1	8	1	2	0	11	1
		Multiracial	1	2	15	5	8	2	30	5	4	5	16	3	22	3	24	3
		I prefer not to respond	0	0	5	2	4	1	15	3	1	1	25	4	27	4	25	3
		Total	55	100	284	100	354	100	567	100	87	100	639	100	655	100	898	100
	greek	No	48	89	260	92	329	94	536	95	83	95	586	92	623	96	843	94
		Yes	6	11	24	8	22	6	31	5	4	5	51	8	28	4	52	6
34. Which of the following best describes where you are living while attending college?	Total		54	100	284	100	351	100	567	100	87	100	637	100	651	100	895	100
	living	Dormitory or other campus housing (not fraternity or sorority house)	48	87	211	76	307	87	443	78	4	5	68	11	67	10	150	17
		Fraternity or sorority house	0	0	0	0	0	0	0	0	0	0	9	1	7	1	0	0
		Residence (house, apartment, etc.) within walking distance to the institution	2	4	26	9	23	7	31	5	29	33	228	36	332	51	334	37
		Residence (house, apartment, etc.) farther than walking distance to the institution	5	9	38	14	18	5	84	15	52	60	314	49	235	36	391	43
		None of the above	0	0	3	1	5	1	7	1	2	2	20	3	10	2	24	3
		Total	55	100	278	100	353	100	565	100	87	100	639	100	651	100	899	100
	athlete	No	50	91	272	96	331	94	532	94	84	97	615	97	625	96	854	96
		Yes	5	9	11	4	21	6	32	6	3	3	19	3	25	4	38	4
		Total	55	100	283	100	352	100	564	100	87	100	634	100	650	100	892	100
35. Are you a student-athlete on a team sponsored by your institution's athletics department?																		

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University of Minnesota Duluth

Education

			First-Year Students ^a								Seniors ^a							
			UMD		UMD Peers		Competitors		National Comparison		UMD		UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	54	100	278	99	351	100	565	100	87	100	626	98	633	98	879	98
		Yes	0	0	2	1	1	0	0	0	0	0	12	2	16	2	17	2
		Total	54	100	280	100	352	100	565	100	87	100	638	100	649	100	896	100
37a. Have you been diagnosed with any disability or impairment?	disability	No	50	91	257	91	322	91	508	90	82	94	579	90	581	89	795	88
		Yes	4	7	21	7	24	7	50	9	4	5	49	8	52	8	90	10
		I prefer not to respond	1	2	5	2	7	2	8	1	1	1	13	2	19	3	14	2
		Total	55	100	283	100	353	100	566	100	87	100	641	100	652	100	899	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	1	25	3	13	4	15	8	15	0	0	6	11	4	6	13	14
	dis_mobility	A mobility impairment	0	0	0	0	1	4	3	6	0	0	5	9	4	6	7	7
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	2	50	12	52	10	37	25	48	1	25	24	43	28	44	49	51
	dis_mental	A mental health disorder	0	0	8	35	9	33	13	25	3	75	14	25	15	23	26	27
	dis_other	A disability or impairment not listed above	1	25	4	17	3	11	9	17	0	0	11	20	10	16	14	15
Disability or impairment	disability_all	A sensory impairment	1	2	1	0	4	1	6	1	0	0	4	1	4	1	9	1
	(Recoded from	A mobility impairment	0	0	0	0	0	0	0	0	0	0	2	0	1	0	3	0
	disability and	A learning disability	2	4	7	2	9	3	22	4	1	1	18	3	22	3	39	4
	dis_sense	A mental health disorder	0	0	6	2	6	2	9	2	3	3	8	1	9	1	14	2
	through	A disability or impairment not listed	1	2	1	0	2	1	6	1	0	0	7	1	7	1	10	1
	dis_other	More than one disability or	0	0	6	2	3	1	7	1	0	0	10	2	9	1	15	2
	where each	impairment																
	student is	No disability or impairment	50	91	257	91	322	91	508	90	82	94	579	90	581	89	795	88
	represented only once)	Prefer not to respond	1	2	5	2	7	2	8	1	1	1	13	2	19	3	14	2
Total			55	100	283	100	353	100	566	100	87	100	641	100	652	100	899	100
38. Which of the following best describes your sexual orientation? (Question administered per institution request)	sexorient14	Heterosexual	--	--	219	92	221	96	226	90	--	--	518	90	390	92	421	90
		Gay	--	--	2	1	1	0	3	1	--	--	3	1	2	0	5	1
		Lesbian	--	--	2	1	0	0	1	0	--	--	5	1	3	1	4	1
		Bisexual	--	--	6	3	2	1	3	1	--	--	17	3	11	3	11	2
		Another sexual orientation	--	--	2	1	0	0	4	2	--	--	1	0	1	0	2	0
		Questioning or unsure	--	--	2	1	0	0	3	1	--	--	3	1	1	0	4	1
		I prefer not to respond	--	--	6	3	6	3	12	5	--	--	28	5	15	4	22	5
		Total	--	--	239	100	230	100	252	100	--	--	575	100	423	100	469	100

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University of Minnesota Duluth

Education

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			UMD		UMD Peers		Competitors		National Comparison		UMD		UMD Peers		Competitors		National Comparison	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Institution-reported information																		
(Variables provided by your institution in your NSSE population file.)																		
Institution-reported sex	IRsex	Female	41	75	168	89	127	84	297	83	68	77	298	81	170	80	409	80
		Male	14	25	20	11	25	16	59	17	20	23	72	19	43	20	102	20
		Total	55	100	188	100	152	100	356	100	88	100	370	100	213	100	511	100
Institution-reported race or ethnicity	IRrace	American Indian or Alaska Native	0	0	1	0	1	0	0	0	3	3	0	0	2	0	3	0
		Asian	4	7	4	2	5	2	9	2	3	3	3	1	11	2	12	2
		Black or African American	0	0	9	4	0	0	18	4	0	0	16	3	4	1	8	1
		Hispanic or Latino	0	0	8	4	8	3	39	9	2	2	13	3	7	1	34	5
		Native Hawaiian/Other Pac. Islander	0	0	1	0	0	0	1	0	1	1	1	0	0	0	0	0
		White	51	93	173	84	273	90	355	80	77	88	463	90	532	92	591	87
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Foreign or nonresident alien	0	0	1	0	2	1	2	0	2	2	1	0	3	1	4	1
		Two or more races/ethnicities	0	0	3	1	11	4	13	3	0	0	11	2	9	2	6	1
		Unknown	0	0	7	3	4	1	8	2	0	0	7	1	10	2	19	3
		Total	55	100	207	100	304	100	445	100	88	100	515	100	578	100	677	100
Institution-reported class level	IRclass	Freshman/First-Year	55	100	285	100	354	100	567	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	88	100	648	100	656	100	900	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	55	100	285	100	354	100	567	100	88	100	648	100	656	100	900	100
Institution-reported first-time first-year (FTFY) status	IRftfy	No	0	0	22	8	19	5	55	10	88	100	522	81	653	100	900	100
		Yes	55	100	263	92	335	95	512	90	0	0	126	19	3	0	0	0
		Total	55	100	285	100	354	100	567	100	88	100	648	100	656	100	900	100
Institution-reported enrollment status	IREnrollment	Not full-time	0	0	5	2	2	1	16	3	4	5	62	10	43	7	76	8
		Full-time	55	100	280	98	352	99	551	97	84	95	586	90	613	93	824	92
		Total	55	100	285	100	354	100	567	100	88	100	648	100	656	100	900	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. An effect size of .2 is generally considered small, .5 medium, and .8 large.
- 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. $*p < .05$, $**p < .01$, $***p < .001$ (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. An effect size of .2 is generally considered small, .5 medium, and .8 large.
- 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.