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# NSSE 2014

## Frequencies and Statistical Comparisons

University of Minnesota Duluth

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

# NSSE 2014 Frequencies and Statistical Comparisons

## About This Report

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

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

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

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

**NSSE 2014 Frequencies and Statistical Comparisons**  
NSSEville State University

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				NSSEville State				Public Master's L Large Public NSSE 2013 & 2014				Your seniors compared with							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. Doing the current school year, about how often have you done the following?</b>																			
<b>a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)</b>																			
	QRconclude	1	Never	68	6	8,616	14	8,407	13	43,329	13	2.9	2.6 ***	.31	2.6 ***	.28	2.6 ***	.28	
		2	Sometimes	312	28	20,467	33	20,064	32	103,303	32								
		3	Often	374	36	19,337	32	19,953	33	100,187	33								
		4	Very often	298	30	12,371	21	13,018	22	66,650	22								
			Total	1,043	100	60,791	100	61,442	100	313,469	100								
<b>b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)</b>																			
	QRproblem	1	Never	147	14	12,110	20	17,115	20	8,855	19	2.6	2.4 ***	.20	2.4 ***	.20	2.4 ***	.18	
		2	Sometimes	366	35	22,556	37	22,556	36	115,411	36								
		3	Often	294	28	14,007	23	14,452	27	84,466	27								
		4	Very often	234	23	9,888	17	10,058	17	52,057	17								
			Total	1,041	100	60,658	100	61,330	100	312,819	100								
<b>c. Evaluated what others have concluded from numerical information</b>																			
	QRevaluate	1	Never	110	10	11,688	19	11,280	18	56,993	18	2.7	2.4 ***	.29	2.4 ***	.27	2.4 ***	.26	
		2	Sometimes	367	35	23,158	38	23,396	38	118,394	38								
		3	Often	333	32	16,466	28	17,101	28	87,844	28								
		4	Very often	231	23	9,140	15	9,355	16	48,722	16								
			Total	1,041	100	60,452	100	61,132	100	311,953	100								

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

### 8. Key to symbols:

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

Item wording or description				Variable name <sup>c</sup>				Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>																									
								UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with																					
								Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>															
<b>1. During the current school year, about how often have you done the following?</b>																																					
a. Asked questions or contributed to course discussions in other ways				askquest	1	Never	30	4	178	4	160	3	195	3	<b>2.6</b>	2.8 ***	-0.18	2.8 ***	-0.22	2.8 ***	-0.21																
b. Prepared two or more drafts of a paper or assignment before turning it in				drafts	1	Never	128	16	714	17	747	15	855	15	<b>2.4</b>	2.5 *	-0.07	2.5 ***	-0.12	2.5 ***	-0.15																
c. Come to class without completing readings or assignments				unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	34	4	224	5	251	5	268	5	<b>3.0</b>	3.0	.03	3.0	.05	3.0	-0.02																
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)				attendart	1	Never	343	44	1,342	31	1,794	36	2,091	37	<b>1.8</b>	2.0 ***	-0.23	1.9 *	-0.09	1.9 ***	-0.14																
e. Asked another student to help you understand course material				CLaskhelp	1	Never	27	3	289	7	289	6	466	9	<b>2.7</b>	2.6 **	.10	2.7 *	.08	2.5 ***	.26																
f. Explained course material to one or more students				CLexplain	1	Never	18	2	141	3	165	3	242	5	<b>2.8</b>	2.7	.05	2.7	.06	2.7 ***	.16																

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with							
				UMD		UMD Peers		Competitors		National Comparison		UMD		UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	61	8	496	12	561	12	851	16	2.7	2.6 **	.10	2.6 *	.09	2.5 ***	.21	
		2	Sometimes	297	38	1,657	38	1,931	38	2,213	39								
		3	Often	263	34	1,352	32	1,590	32	1,698	29								
		4	Very often	153	20	770	18	926	18	971	16								
		Total		774	100	4,275	100	5,008	100	5,733	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	33	4	245	6	223	5	433	9	2.7	2.7	.03	2.6 *	.09	2.5 ***	.20	
		2	Sometimes	301	39	1,732	40	2,146	43	2,427	43								
		3	Often	296	38	1,520	36	1,851	37	2,013	34								
		4	Very often	145	18	754	18	781	16	832	14								
		Total		775	100	4,251	100	5,001	100	5,705	100								
i. Gave a course presentation	present	1	Never	187	25	870	19	1,050	22	1,216	23	2.1	2.2 ***	-.15	2.1	-.03	2.2 *	-.09	
		2	Sometimes	355	45	1,997	47	2,455	49	2,478	44								
		3	Often	171	22	999	25	1,126	22	1,430	24								
		4	Very often	56	7	380	9	332	7	543	9								
		Total		769	100	4,246	100	4,963	100	5,667	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	29	4	236	6	231	5	388	8	2.7	2.7	.02	2.7	.05	2.6 ***	.12	
		2	Sometimes	287	37	1,615	39	1,922	39	2,202	41								
		3	Often	322	43	1,511	36	1,929	39	2,057	36								
		4	Very often	125	16	797	19	808	16	925	16								
		Total		763	100	4,159	100	4,890	100	5,572	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	78	11	299	8	348	8	476	9	2.4	2.6 ***	-.19	2.6 ***	-.17	2.6 ***	-.17	
		2	Sometimes	361	48	1,688	42	2,106	44	2,253	41								
		3	Often	229	30	1,449	35	1,682	34	1,938	35								
		4	Very often	85	11	667	15	693	14	832	15								
		Total		753	100	4,103	100	4,829	100	5,499	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	138	19	424	11	510	11	607	11	2.3	2.5 ***	-.29	2.5 ***	-.25	2.5 ***	-.29	
		2	Sometimes	342	46	1,692	42	2,160	44	2,290	42								
		3	Often	208	27	1,338	32	1,539	32	1,788	32								
		4	Very often	63	8	648	15	624	13	815	15								
		Total		751	100	4,102	100	4,833	100	5,500	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

Item wording or description				Variable name <sup>c</sup>				Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>							
								UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with			
								Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison
								Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>					
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	48	6	199	5	288	6	291	5	<b>2.6</b>	2.7 ***	-0.18	2.7 *	-0.09	2.7 ***	-0.15	
		2	Sometimes	319	43	1,417	35	1,816	37	1,952	36								
		3	Often	278	37	1,727	42	1,979	41	2,285	41								
		4	Very often	106	14	749	18	742	16	962	18								
		Total		751	100	4,092	100	4,825	100	5,490	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	34	5	150	4	206	4	223	4	<b>2.7</b>	2.8 ***	-0.18	2.8	-0.07	2.8 ***	-0.13	
		2	Sometimes	278	37	1,241	31	1,672	34	1,743	32								
		3	Often	315	42	1,714	43	2,026	42	2,297	42								
		4	Very often	123	16	972	23	915	19	1,210	22								
		Total		750	100	4,077	100	4,819	100	5,473	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	22	3	110	3	165	4	172	3	<b>2.7</b>	2.8 **	-0.10	2.8	-0.05	2.8	-0.06	
		2	Sometimes	275	37	1,322	33	1,596	33	1,791	34								
		3	Often	311	41	1,722	42	2,084	44	2,363	43								
		4	Very often	138	18	917	22	951	19	1,126	20								
		Total		746	100	4,071	100	4,796	100	5,452	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	14	2	62	2	78	2	94	2	<b>3.0</b>	3.1 ***	-0.14	3.0 **	-0.10	3.0	-0.07	
		2	Sometimes	186	26	874	22	1,036	22	1,268	24								
		3	Often	354	48	1,835	45	2,288	48	2,463	45								
		4	Very often	186	25	1,282	31	1,377	28	1,605	29								
		Total		740	100	4,053	100	4,779	100	5,430	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	167	23	980	24	941	20	1,074	21	<b>2.1</b>	2.2 *	-0.08	2.1	-0.06	2.2 ***	-0.15	
		2	Sometimes	384	51	1,835	45	2,503	52	2,595	47								
		3	Often	147	20	852	21	978	20	1,202	22								
		4	Very often	48	6	393	10	374	8	577	11								
		Total		746	100	4,060	100	4,796	100	5,448	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	408	55	2,212	54	2,520	52	2,911	54	<b>1.7</b>	1.7	-0.04	1.7	-0.04	1.7	-0.05	
		2	Sometimes	210	28	1,136	28	1,490	32	1,574	29								
		3	Often	99	13	479	12	528	12	625	12								
		4	Very often	27	4	221	6	241	5	319	6								
		Total		744	100	4,048	100	4,779	100	5,429	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	257	34	1,237	30	1,526	32	1,780	33	<b>1.9</b>	2.0 ***	-0.13	1.9	-0.05	2.0 *	-0.09	
		2	Sometimes	338	46	1,846	46	2,254	47	2,391	44								
		3	Often	120	16	691	18	761	16	882	17								
		4	Very often	28	4	258	7	230	5	364	7								
		Total		743	100	4,032	100	4,771	100	5,417	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	230	31	1,027	25	1,458	30	1,393	25	<b>1.9</b>	2.1 ***	-0.21	1.9	-0.03	2.1 ***	-0.21	
		2	Sometimes	369	50	1,905	47	2,373	50	2,590	48								
		3	Often	113	15	784	20	701	15	1,014	20								
		4	Very often	27	4	303	8	231	5	402	8								
		Total		739	100	4,019	100	4,763	100	5,399	100								
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																			
a. Memorizing course material	memorize	1	Very little	16	2	101	3	132	3	181	3	<b>3.0</b>	3.0	-0.02	2.9	.04	3.0	.01	
		2	Some	171	23	923	23	1,184	26	1,283	24								
		3	Quite a bit	364	49	1,813	46	2,132	45	2,448	46								
		4	Very much	191	25	1,200	28	1,322	26	1,504	27								
		Total		742	100	4,037	100	4,770	100	5,416	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	19	2	120	3	133	3	196	4	<b>3.0</b>	3.0	.03	3.0	.05	2.9 ***	.15	
		2	Some	159	21	928	22	1,075	23	1,400	26								
		3	Quite a bit	347	47	1,840	46	2,182	46	2,446	45								
		4	Very much	216	29	1,130	29	1,363	28	1,343	25								
		Total		741	100	4,018	100	4,753	100	5,385	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	31	4	144	3	181	4	241	5	<b>2.9</b>	3.0	-0.06	2.9	-0.02	2.9	-0.01	
		2	Some	186	25	1,008	25	1,185	26	1,366	25								
		3	Quite a bit	342	47	1,764	44	2,100	44	2,348	44								
		4	Very much	178	24	1,082	27	1,264	26	1,406	26								
		Total		737	100	3,998	100	4,730	100	5,361	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	53	7	188	5	223	5	222	4	<b>2.7</b>	2.8 ***	-0.15	2.8 **	-0.11	2.9 ***	-0.20	
		2	Some	234	32	1,129	29	1,404	30	1,453	27								
		3	Quite a bit	313	42	1,753	43	2,107	45	2,372	44								
		4	Very much	138	18	921	23	997	20	1,308	24								
		Total		738	100	3,991	100	4,731	100	5,355	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

Item wording or description				Variable name <sup>c</sup>				Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>																						
								UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with																		
								Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>												
e. Forming a new idea or understanding from various pieces of information				HOform				1		2		3		4		2.7	2.9 ***	-0.16	2.8 **	-0.11	2.8 ***	-0.15												
								Very little		Some		Quite a bit		Very much									Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>					
								54	7	204	5	233	5	248	5																			
								235	32	1,119	28	1,420	30	1,494	28																			
								312	42	1,672	42	2,083	44	2,354	43																			
Total		135	18	990	24	990	21	1,247	23																									
Total		736	100	3,985	100	4,726	100	5,343	100																									
<b>5. During the current school year, to what extent have your instructors done the following?</b>																																		
a. Clearly explained course goals and requirements				ETgoals				1		2		3		4		3.1	3.1	-0.07	3.1	.00	3.1 *	-0.08												
								Very little		Some		Quite a bit		Very much									Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>				
								8	1	59	1	75	2	92	2																			
								147	19	687	18	862	18	903	17																			
								363	49	1,888	47	2,366	49	2,527	46																			
Total		225	30	1,389	34	1,469	31	1,885	35																									
Total		743	100	4,023	100	4,772	100	5,407	100																									
b. Taught course sessions in an organized way				ETorganize				1		2		3		4		3.0	3.1 **	-0.12	3.0	-0.07	3.1 *	-0.08												
								Very little		Some		Quite a bit		Very much									Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>				
								12	2	65	2	89	2	124	2																			
								176	23	751	19	911	19	1,038	20																			
								362	49	1,979	49	2,459	51	2,650	48																			
Total		192	26	1,221	30	1,305	28	1,579	30																									
Total		742	100	4,016	100	4,764	100	5,391	100																									
c. Used examples or illustrations to explain difficult points				ETexample				1		2		3		4		3.0	3.1 ***	-0.14	3.1 *	-0.08	3.1 *	-0.07												
								Very little		Some		Quite a bit		Very much									Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>				
								12	2	92	2	111	2	165	3																			
								172	23	771	19	963	21	1,102	21																			
								362	50	1,779	45	2,216	46	2,328	43																			
Total		191	26	1,364	34	1,464	31	1,787	33																									
Total		737	100	4,006	100	4,754	100	5,382	100																									
d. Provided feedback on a draft or work in progress				ETdraftfb				1		2		3		4		2.7	2.8 ***	-0.13	2.7	-0.03	2.8 ***	-0.19												
								Very little		Some		Quite a bit		Very much									Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>				
								71	10	301	8	408	9	379	7																			
								254	34	1,197	30	1,581	33	1,572	29																			
								258	35	1,507	38	1,771	37	1,970	37																			
Total		156	21	988	25	989	21	1,458	28																									
Total		739	100	3,993	100	4,749	100	5,379	100																									
e. Provided prompt and detailed feedback on tests or completed assignments				ETfeedback				1		2		3		4		2.6	2.7 *	-0.10	2.6	.01	2.8 **	-0.12												
								Very little		Some		Quite a bit		Very much									Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>				
								65	9	312	8	444	9	474	9																			
								262	35	1,324	33	1,664	35	1,614	29																			
								280	39	1,502	38	1,819	39	2,062	39																			
Total		126	17	853	21	803	17	1,199	23																									
Total		733	100	3,991	100	4,730	100	5,349	100																									

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
			UMD		UMD Peers		Competitors		National Comparison		<i>Your first-year students compared with</i>									
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	UMD		UMD Peers		Competitors		National Comparison		
												Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																				
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	83	10	551	13	581	11	826	15	<b>2.7</b>	2.6 **	.12	2.6 ***	.14	2.5 ***	.24		
		2	Sometimes	239	31	1,453	36	1,794	37	2,050	37									
		3	Often	276	38	1,309	33	1,711	37	1,778	33									
		4	Very often	144	20	696	18	677	15	746	14									
		Total		742	100	4,009	100	4,763	100	5,400	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	159	21	841	20	996	20	1,313	24	<b>2.3</b>	2.3	.02	2.3	.06	2.2 **	.12		
		2	Sometimes	287	38	1,684	42	2,067	43	2,247	41									
		3	Often	213	30	1,014	26	1,257	27	1,298	25									
		4	Very often	81	11	461	12	433	10	535	10									
		Total		740	100	4,000	100	4,753	100	5,393	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	144	19	852	20	906	18	1,332	25	<b>2.3</b>	2.3	.04	2.3	.05	2.2 ***	.15		
		2	Sometimes	310	42	1,705	43	2,162	45	2,253	42									
		3	Often	215	30	1,036	26	1,289	28	1,306	24									
		4	Very often	70	10	397	11	381	9	466	9									
		Total		739	100	3,990	100	4,738	100	5,357	100									
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																				
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	28	4	136	4	148	3	241	5	<b>7.2</b>	6.6 *	.11	6.8	.07	6.7 *	.09		
		1.5	1-2	151	21	786	21	869	20	1,024	20									
		4	3-5	207	30	1,179	32	1,359	31	1,546	31									
		8	6-10	148	21	920	25	1,190	27	1,216	25									
		13	11-15	85	12	365	10	449	10	511	11									
		18	16-20	42	6	178	5	210	5	220	5									
		23	More than 20	42	6	133	4	186	4	206	4									
		Total		703	100	3,697	100	4,411	100	4,964	100									
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	252	37	1,161	33	1,422	34	1,682	34	<b>1.9</b>	1.9	-.01	1.8	.03	1.9	-.02		
		1.5	1-2	297	43	1,606	45	1,999	46	2,104	43									
		4	3-5	101	15	574	16	610	15	738	16									
		8	6-10	24	3	159	4	160	4	232	5									
		13	11-15	14	2	38	1	36	1	50	1									
		18	16-20	2	0	8	0	9	0	13	0									
		23	More than 20	2	0	10	0	8	0	11	0									
Total		692	100	3,556	100	4,244	100	4,830	100											

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



# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with									
				Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>			
c. 11 pages or more				wrlongnum	0	None	551	82	2,727	78	3,369	81	3,679	78	<b>.6</b>	.6	.02	.6	.03	.7	-.03
				(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	93	14	592	18	611	15	789	17							
					4	3-5	14	2	77	2	74	2	94	2							
					8	6-10	8	1	28	1	34	1	60	1							
					13	11-15	4	1	12	0	19	0	39	1							
					18	16-20	2	0	8	0	3	0	10	0							
					23	More than 20	3	1	13	0	16	0	21	0							
Total				675	100	3,457	100	4,126	100	4,692	100										
Estimated number of assigned pages of student writing.				wrpages	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																
					<b>45.2</b>	42.7	.05	42.2	.06	43.8	.03										
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																					
a. People of a race or ethnicity other than your own				DDrace	1	Never	49	7	151	4	269	6	278	6	<b>2.7</b>	3.1 ***	-.46	2.8 ***	-.13	3.0 ***	-.33
					2	Sometimes	293	41	949	24	1,744	38	1,502	29							
					3	Often	221	31	1,182	32	1,252	29	1,474	29							
					4	Very often	150	21	1,470	40	1,187	27	1,804	37							
					Total		713	100	3,752	100	4,452	100	5,058	100							
b. People from an economic background other than your own				DDeconomic	1	Never	31	4	133	3	184	4	236	5	<b>2.8</b>	3.1 ***	-.32	2.9 **	-.11	3.0 ***	-.21
					2	Sometimes	221	31	826	22	1,291	28	1,243	24							
					3	Often	292	41	1,340	36	1,663	38	1,766	34							
					4	Very often	168	23	1,444	39	1,301	30	1,802	37							
					Total		712	100	3,743	100	4,439	100	5,047	100							
c. People with religious beliefs other than your own				DDreligion	1	Never	37	5	182	5	233	5	301	6	<b>2.8</b>	3.1 ***	-.24	2.9 **	-.12	3.0 ***	-.17
					2	Sometimes	226	32	909	24	1,276	28	1,289	26							
					3	Often	258	36	1,211	32	1,474	34	1,601	31							
					4	Very often	189	26	1,435	39	1,444	33	1,842	37							
					Total		710	100	3,737	100	4,427	100	5,033	100							
d. People with political views other than your own				DDpolitical	1	Never	48	7	219	6	215	5	321	7	<b>2.8</b>	3.0 ***	-.18	3.0 ***	-.14	3.0 **	-.13
					2	Sometimes	201	28	960	24	1,214	27	1,300	25							
					3	Often	271	38	1,242	34	1,560	36	1,669	33							
					4	Very often	185	27	1,308	36	1,433	33	1,728	35							
					Total		705	100	3,729	100	4,422	100	5,018	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>										
				UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with										
				Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>				
Variable name <sup>c</sup>				Values <sup>d</sup>				Response options				Mean	Mean	Mean	Mean	Mean	Mean					
<b>9. During the current school year, about how often have you done the following?</b>																						
a. Identified key information from reading assignments				Lsreading		1	Never	15	2	47	1	65	2	74	2	<b>3.0</b>	3.1 **	-0.12	3.1	-0.07	3.1	-0.07
						2	Sometimes	147	21	701	19	869	20	995	20							
						3	Often	341	48	1,651	45	2,016	46	2,311	46							
						4	Very often	208	29	1,341	35	1,477	32	1,661	32							
						Total		711	100	3,740	100	4,427	100	5,041	100							
b. Reviewed your notes after class				LSnotes		1	Never	45	6	154	4	242	6	267	5	<b>2.8</b>	2.9 ***	-0.13	2.8	-0.02	2.9 ***	-0.16
						2	Sometimes	247	35	1,175	32	1,493	35	1,431	28							
						3	Often	230	33	1,233	34	1,463	33	1,745	35							
						4	Very often	187	26	1,165	30	1,214	26	1,580	31							
						Total		709	100	3,727	100	4,412	100	5,023	100							
c. Summarized what you learned in class or from course materials				LSsummary		1	Never	58	8	235	7	292	7	342	7	<b>2.7</b>	2.8 ***	-0.15	2.7 *	-0.08	2.8 ***	-0.13
						2	Sometimes	257	37	1,161	32	1,502	34	1,625	33							
						3	Often	245	35	1,349	37	1,596	37	1,776	36							
						4	Very often	143	20	946	25	982	22	1,228	25							
						Total		703	100	3,691	100	4,372	100	4,971	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																						
				challenge		1	Not at all	1	0	15	0	12	0	24	1	<b>5.5</b>	5.5	-0.02	5.6	-0.07	5.5	.03
						2		6	1	44	1	40	1	60	1							
						3		20	3	114	3	104	3	133	3							
						4		72	10	345	9	367	9	517	11							
						5		257	36	1,249	33	1,396	32	1,744	35							
						6		230	32	1,217	33	1,637	37	1,621	31							
						7	Very much	126	18	741	20	862	19	920	18							
						Total		712	100	3,725	100	4,418	100	5,019	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																						
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement				intern		Have not decided		66	10	382	10	479	11	597	12	<b>5%</b>	9% ***	-0.15	6%	-0.04	7%	-0.08
						Do not plan to do		16	2	130	4	141	4	199	5							
						Plan to do		598	83	2,903	78	3,554	79	3,885	76							
						Done or in progress		35	5	305	9	240	6	334	7							
						Total		715	100	3,720	100	4,414	100	5,015	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
			UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with							
			Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options															
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	232	33	1,040	27	1,251	28	1,536	30	<b>9%</b>	12% **	-0.11	12% **	-0.12	11% *	-0.09
			Do not plan to do	165	24	926	25	949	22	1,385	28							
			Plan to do	254	35	1,308	36	1,661	38	1,523	30							
			Done or in progress	62	9	436	12	528	12	552	11							
			Total	713	100	3,710	100	4,389	100	4,996	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	247	35	1,124	30	1,318	29	1,717	34	<b>6%</b>	16% ***	-0.33	15% ***	-0.31	15% ***	-0.30
			Do not plan to do	223	32	1,191	32	1,584	37	1,393	28							
			Plan to do	197	27	800	21	847	19	1,181	23							
			Done or in progress	44	6	585	16	647	15	707	15							
			Total	711	100	3,700	100	4,396	100	4,998	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	209	30	1,023	28	1,252	28	1,532	30	<b>2%</b>	3%	-0.07	3%	-0.08	3%	-0.07
			Do not plan to do	185	27	950	27	1,033	25	1,300	28							
			Plan to do	298	41	1,624	42	1,958	43	2,020	40							
			Done or in progress	15	2	100	3	145	3	135	3							
			Total	707	100	3,697	100	4,388	100	4,987	100							
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	280	40	1,439	39	1,759	40	2,041	41	<b>3%</b>	4%	-0.07	5% *	-0.10	4%	-0.04
			Do not plan to do	166	23	872	23	1,028	23	1,227	24							
			Plan to do	238	34	1,212	34	1,380	32	1,511	31							
			Done or in progress	21	3	149	4	210	5	185	4							
			Total	705	100	3,672	100	4,377	100	4,964	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	257	36	1,024	27	1,665	37	1,848	36	<b>4%</b>	3%	.06	2% ***	.13	2% **	.09
			Do not plan to do	78	11	278	8	393	9	432	9							
			Plan to do	341	49	2,291	63	2,258	52	2,601	52							
			Done or in progress	28	4	94	3	67	2	97	2							
			Total	704	100	3,687	100	4,383	100	4,978	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
	servcourse		1 None	323	47	1,732	47	2,300	53	2,497	51	<b>1.6</b>	1.6	-0.01	1.5 *	.09	1.6	.03
			2 Some	342	48	1,722	47	1,857	41	2,133	43							
			3 Most	33	5	199	5	202	5	270	5							
			4 All	3	0	20	1	25	1	58	1							
			Total	701	100	3,673	100	4,384	100	4,958	100							

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# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>														
				UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with														
				Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>								
Variable name <sup>c</sup>				Values <sup>d</sup>				Response options				Mean	Mean	Mean	Mean	Mean	Mean									
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																										
a. Students		QIstudent	1	Poor	7	1	48	1	49	1	65	1	<b>5.7</b>	5.6	.05	5.6	.03	5.5 **	.12							
			2		10	1	63	2	65	1	101	2														
			3		22	3	151	4	166	4	228	5														
			4		70	10	358	9	385	9	547	12														
			5		151	21	856	23	1,021	23	1,156	23														
			6		246	34	1,189	32	1,490	34	1,538	30														
		7	Excellent	203	29	1,038	28	1,224	28	1,345	27															
		—	Not applicable	1	0	9	0	14	0	27	1															
			Total		710	100	3,712	100	4,414	100	5,007	100														
b. Academic advisors		QIadvisor	1	Poor	29	4	125	3	160	4	211	4	<b>5.0</b>	5.1 **	-.11	5.0	-.03	5.1 **	-.10							
			2		33	4	191	5	272	6	262	5														
			3		75	10	294	8	387	9	407	8														
			4		122	17	491	13	596	13	678	14														
			5		135	19	739	20	955	22	987	19														
			6		159	22	800	22	1,064	24	1,126	22														
		7	Excellent	142	20	834	24	881	20	1,225	26															
		—	Not applicable	14	2	230	5	87	2	92	2															
			Total		709	100	3,704	100	4,402	100	4,988	100														
c. Faculty		QIfaculty	1	Poor	17	2	47	1	70	2	89	2	<b>5.0</b>	5.3 ***	-.17	5.1 *	-.08	5.2 ***	-.14							
			2		32	4	107	3	140	3	184	4														
			3		52	7	230	6	301	7	302	6														
			4		119	17	521	14	635	15	722	14														
			5		200	28	998	27	1,244	28	1,247	25														
			6		182	26	1,105	30	1,334	30	1,477	29														
		7	Excellent	103	15	659	18	629	14	912	19															
		—	Not applicable	3	0	18	0	30	1	45	1															
			Total		708	100	3,685	100	4,383	100	4,978	100														

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options															
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	28	4	130	4	127	3	218	5	<b>4.9</b>	5.0	-.04	5.1	-.08	4.9	.01
		2		37	5	156	4	173	4	262	5							
		3		56	8	279	8	316	7	382	8							
		4		110	16	514	13	590	13	644	13							
		5		150	21	813	22	1,041	24	1,102	22							
		6		162	23	864	23	1,213	27	1,165	23							
		7	Excellent	123	18	618	17	692	16	822	17							
		—	Not applicable	41	6	318	9	243	6	367	8							
	Total	707	100	3,692	100	4,395	100	4,962	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	32	5	149	4	148	4	248	5	<b>4.9</b>	4.9	.00	4.9	-.02	4.8	.03
		2		38	5	182	5	245	6	304	6							
		3		61	9	289	8	330	7	420	9							
		4		101	14	595	16	654	15	774	15							
		5		141	20	817	22	964	22	1,040	21							
		6		162	23	810	21	1,064	24	1,124	22							
		7	Excellent	103	15	548	15	599	14	819	17							
		—	Not applicable	63	9	307	9	389	9	244	5							
	Total	701	100	3,697	100	4,393	100	4,973	100									
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	6	1	40	1	43	1	53	1	<b>3.2</b>	3.3 **	-.12	3.2	-.02	3.2	.07
		2	Some	89	13	476	13	558	14	735	17							
		3	Quite a bit	345	51	1,477	42	1,961	47	2,227	48							
		4	Very much	241	35	1,477	44	1,603	38	1,662	34							
			Total	681	100	3,470	100	4,165	100	4,677	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	22	3	106	3	140	4	156	4	<b>3.0</b>	3.2 ***	-.19	3.0	-.06	3.1 **	-.11
		2	Some	147	22	569	16	817	20	823	18							
		3	Quite a bit	320	47	1,444	42	1,816	44	2,001	43							
		4	Very much	191	28	1,327	38	1,371	32	1,665	35							
			Total	680	100	3,446	100	4,144	100	4,645	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	31	4	164	5	200	5	215	5	<b>3.1</b>	3.1	-.05	3.1	.01	3.1	-.05
		2	Some	118	18	593	17	729	19	762	17							
		3	Quite a bit	290	43	1,300	38	1,629	40	1,749	38							
		4	Very much	242	35	1,399	39	1,587	36	1,918	40							
			Total	681	100	3,456	100	4,145	100	4,644	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with							
				UMD		UMD Peers		Competitors		National Comparison		UMD		UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	86	13	399	12	541	13	561	13	<b>2.6</b>	2.7 **	-0.13	2.6	-0.05	2.7 *	-0.09	
		2	Some	248	36	1,063	31	1,389	33	1,477	32								
		3	Quite a bit	222	33	1,118	32	1,357	33	1,522	32								
		4	Very much	126	18	872	25	861	21	1,098	23								
		Total		682	100	3,452	100	4,148	100	4,658	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	24	4	128	4	145	4	187	5	<b>3.0</b>	3.0	-0.04	3.0	-0.05	3.0	-0.01	
		2	Some	159	24	797	24	916	22	1,028	23								
		3	Quite a bit	293	44	1,326	38	1,720	42	1,921	41								
		4	Very much	202	29	1,195	34	1,369	32	1,518	32								
		Total		678	100	3,446	100	4,150	100	4,654	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	15	2	172	5	169	5	230	5	<b>3.0</b>	3.1 *	-0.09	3.0	-0.06	3.0	.00	
		2	Some	164	25	663	19	802	20	977	22								
		3	Quite a bit	299	45	1,338	39	1,684	41	1,876	41								
		4	Very much	195	28	1,265	37	1,477	34	1,551	32								
		Total		673	100	3,438	100	4,132	100	4,634	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	134	20	663	20	788	19	878	20	<b>2.3</b>	2.4	-0.06	2.3	.00	2.4	-0.05	
		2	Some	262	39	1,232	36	1,646	40	1,673	36								
		3	Quite a bit	187	28	1,013	29	1,164	28	1,384	30								
		4	Very much	88	13	532	15	525	13	695	14								
		Total		671	100	3,440	100	4,123	100	4,630	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	36	5	212	6	191	5	270	7	<b>2.9</b>	2.9	-0.03	2.9 *	-0.09	2.9	-0.05	
		2	Some	183	27	898	27	1,030	25	1,159	25								
		3	Quite a bit	297	44	1,350	39	1,739	42	1,852	40								
		4	Very much	160	23	973	28	1,158	28	1,332	28								
		Total		676	100	3,433	100	4,118	100	4,613	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	94	14	483	15	525	13	588	13	<b>2.5</b>	2.5 *	-0.08	2.5 *	-0.08	2.6 **	-0.12	
		2	Some	265	39	1,192	35	1,521	37	1,619	35								
		3	Quite a bit	224	33	1,084	31	1,396	34	1,516	33								
		4	Very much	92	13	663	19	666	16	896	19								
		Total		675	100	3,422	100	4,108	100	4,619	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>										
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																	
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																				
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	0	8	0	10	0	12	0	<b>15.1</b>	14.8	.04	15.7	-.07	13.5 ***	△	.20	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	55	8	407	12	356	9	693	15									
	8	6-10 hrs	154	23	841	24	874	22	1,223	27										
	13	11-15 hrs	166	25	753	21	890	22	1,072	22										
	18	16-20 hrs	145	22	635	19	847	20	747	16										
	23	21-25 hrs	81	12	415	12	552	13	477	10										
	28	26-30 hrs	45	7	232	7	331	7	248	5										
	33	More than 30 hrs	29	4	154	5	286	7	176	4										
	Total			676	100	3,445	100	4,146	100	4,648	100									
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	169	25	1,143	32	964	23	1,540	34	<b>5.5</b>	5.0 *	△	.09	5.5	.00	4.9 *	△	.10
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	269	40	1,254	36	1,805	42	1,742	37									
	8	6-10 hrs	129	19	547	17	732	18	689	15										
	13	11-15 hrs	54	8	265	8	320	8	321	7										
	18	16-20 hrs	29	4	119	4	165	4	188	4										
	23	21-25 hrs	9	1	56	2	74	2	71	2										
	28	26-30 hrs	3	0	24	1	38	1	36	1										
	33	More than 30 hrs	10	2	19	1	32	1	35	1										
	Total			672	100	3,427	100	4,130	100	4,622	100									
c. Working for pay on campus	tmworkonhrs	0	0 hrs	547	81	2,745	81	3,082	74	3,726	81	<b>2.1</b>	2.2	.00	2.8 **	▽	-.11	2.0	.03	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	30	5	102	3	173	4	192	4									
	8	6-10 hrs	47	7	258	7	491	12	349	7										
	13	11-15 hrs	29	4	198	5	235	6	201	4										
	18	16-20 hrs	10	2	79	2	106	3	118	2										
	23	21-25 hrs	9	1	18	0	28	1	29	1										
	28	26-30 hrs	1	0	12	0	7	0	16	0										
	33	More than 30 hrs	5	1	16	0	17	0	10	0										
	Total			678	100	3,428	100	4,139	100	4,641	100									

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>										
				UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
<b>d. Working for pay off campus</b>																		
	tmworkoffhrs	0	0 hrs	521	78	2,547	75	3,162	76	3,267	70	<b>3.0</b>	3.6	-.07	3.2	-.03	4.7 ***	-0.19
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	36	5	183	5	207	5	235	5							
		8	6-10 hrs	21	3	173	5	198	5	255	6							
		13	11-15 hrs	25	4	165	5	185	5	239	5							
		18	16-20 hrs	39	5	142	4	160	4	227	5							
		23	21-25 hrs	14	2	92	3	88	2	176	4							
		28	26-30 hrs	9	1	53	1	49	1	104	2							
		33	More than 30 hrs	6	1	68	2	54	2	124	3							
			Total	671	100	3,423	100	4,103	100	4,627	100							
Estimated number of hours working for pay				tmworkhrs								<b>5.1</b>	5.7	-.07	5.9 *	-.10	6.6 ***	-0.15
			(Continuous variable created by NSSE)															
<b>e. Doing community service or volunteer work</b>												<b>2.1</b>	1.9	.04	1.9	.06	2.2	-0.02
	tmservicehrs	0	0 hrs	407	63	2,047	61	2,413	60	2,814	62							
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	186	27	1,063	30	1,375	32	1,358	28							
		8	6-10 hrs	42	6	168	5	183	5	210	5							
		13	11-15 hrs	10	2	56	2	62	2	107	3							
		18	16-20 hrs	9	1	30	1	37	1	57	1							
		23	21-25 hrs	6	1	14	0	11	0	30	1							
		28	26-30 hrs	1	0	10	0	5	0	9	0							
		33	More than 30 hrs	2	0	5	0	3	0	17	0							
			Total	663	100	3,393	100	4,089	100	4,602	100							
<b>f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)</b>												<b>14.9</b>	13.6 ***	.15	13.9 **	.11	13.5 ***	.16
	tmrelaxhrs	0	0 hrs	3	0	36	1	32	1	59	2							
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	84	12	574	17	544	13	789	17							
		8	6-10 hrs	167	24	842	25	1,098	26	1,261	27							
		13	11-15 hrs	146	22	775	22	961	24	908	19							
		18	16-20 hrs	109	17	503	15	651	16	664	14							
		23	21-25 hrs	74	11	297	9	380	9	401	9							
		28	26-30 hrs	29	5	138	4	176	4	172	4							
		33	More than 30 hrs	57	9	239	7	249	6	344	8							
			Total	669	100	3,404	100	4,091	100	4,598	100							

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



# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with									
				Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>			
Variable name <sup>c</sup>	Values <sup>d</sup>	Response options									Mean	Mean	Mean	Mean	Mean	Mean					
g. Providing care for dependents (children, parents, etc.)				tmcarehrs	0	0 hrs	578	86	2,882	85	3,568	87	3,681	79	<b>1.2</b>	1.4	-.05	1.2	-.01	2.1 ***	-0.16
				(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	56	8	260	7	296	7	454	10							
				8	6-10 hrs	14	2	107	3	90	2	171	4								
				13	11-15 hrs	8	1	52	1	47	1	90	2								
				18	16-20 hrs	6	1	37	1	30	1	71	2								
				23	21-25 hrs	7	1	14	0	20	1	30	1								
				28	26-30 hrs	0	0	11	0	7	0	21	1								
				33	More than 30 hrs	4	1	37	1	35	1	73	2								
Total				673	100	3,400	100	4,093	100	4,591	100										
h. Commuting to campus (driving, walking, etc.)				tmcommutehrs	0	0 hrs	381	56	1,388	40	1,803	42	1,947	42	<b>2.2</b>	3.2 ***	-0.22	2.9 ***	-0.18	3.3 ***	-0.23
				(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	235	35	1,469	43	1,787	44	1,941	41							
				8	6-10 hrs	28	4	348	10	334	9	440	10								
				13	11-15 hrs	14	2	108	3	90	2	130	3								
				18	16-20 hrs	8	1	41	1	52	1	74	2								
				23	21-25 hrs	2	0	14	0	21	1	36	1								
				28	26-30 hrs	1	0	15	0	9	0	22	1								
				33	More than 30 hrs	3	0	22	1	18	0	28	1								
Total				672	100	3,405	100	4,114	100	4,618	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	95	15	206	11	188	9	293	11	<b>2.7</b>	2.8 *	-0.10	3.0 ***	-0.32	2.8 **	-0.13
				(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	214	32	657	34	582	26	815	30							
				3	About half	189	28	597	27	661	29	905	31								
				4	Most	136	20	484	21	591	25	630	20								
				5	Almost all	38	5	167	7	265	11	224	7								
				Total	672	100	2,111	100	2,287	100	2,867	100									
tmreadinghrs														<b>6.6</b>	6.9	-0.06	9.1 ***	-0.38	6.3	.05	
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																					

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
tmreadinghrscol				1	0	4	0	2	0	7	0	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
(Collapsed version of tmreadinghrs created by NSSE.)				2	50	943	46	761	34	1,426	52							
				3	31	692	33	728	32	839	29							
				4	12	254	12	345	15	330	11							
				5	4	108	5	227	10	133	4							
				6	3	79	3	151	7	86	3							
				7	1	20	1	64	3	29	1							
Total				669	100	2,100	100	2,278	100	2,850	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	71	10	309	9	323	8	320	7	2.6	2.7 **	-0.12	2.8 **	-0.13	2.8 ***	-0.23
		2	Some	218	32	962	28	1,180	28	1,202	26							
		3	Quite a bit	269	40	1,363	40	1,753	42	1,965	42							
		4	Very much	116	17	778	22	881	21	1,151	25							
		Total		674	100	3,412	100	4,137	100	4,638	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	100	15	443	13	513	13	501	12	2.5	2.6 *	-0.10	2.6	-0.06	2.7 ***	-0.14
		2	Some	216	32	1,081	32	1,330	33	1,373	30							
		3	Quite a bit	252	38	1,233	36	1,545	37	1,824	39							
		4	Very much	102	15	641	19	735	17	926	19							
		Total		670	100	3,398	100	4,123	100	4,624	100							
c. Thinking critically and analytically	pgthink	1	Very little	22	3	96	3	113	3	161	4	3.0	3.1	-0.04	3.1	-0.05	3.0	-0.02
		2	Some	144	22	708	21	813	20	916	20							
		3	Quite a bit	304	45	1,506	44	1,867	45	2,111	46							
		4	Very much	201	30	1,087	32	1,332	32	1,437	31							
		Total		671	100	3,397	100	4,125	100	4,625	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	82	12	460	13	523	12	698	15	2.7	2.6	.05	2.6	.06	2.5 **	.13
		2	Some	207	30	1,124	33	1,375	33	1,518	33							
		3	Quite a bit	250	38	1,151	34	1,457	35	1,589	35							
		4	Very much	133	20	657	20	770	19	820	18							
		Total		672	100	3,392	100	4,125	100	4,625	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>										
				UMD		UMD Peers		Competitors		National Comparison		Your first-year students compared with										
				Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>				
e. Acquiring job- or work-related knowledge and skills				Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UMD		UMD Peers		Competitors		National Comparison		UMD	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
				1	Very little	97	14	479	14	535	13	739	17	2.5	2.6 **	-0.12	2.6	-0.06	2.5	-0.01		
				2	Some	247	37	1,097	31	1,478	35	1,482	32									
				3	Quite a bit	225	34	1,160	34	1,399	34	1,571	34									
				4	Very much	106	15	655	20	713	18	834	17									
Total		675	100	3,391	100	4,125	100	4,626	100													
f. Working effectively with others				1	Very little	45	7	237	7	263	7	352	8	2.7	2.8 ***	-0.13	2.8	-0.08	2.8	-0.07		
				2	Some	229	34	939	28	1,206	30	1,299	29									
				3	Quite a bit	261	39	1,371	40	1,716	41	1,869	40									
				4	Very much	138	20	847	25	931	22	1,095	23									
				Total		673	100	3,394	100	4,116	100	4,615	100									
g. Developing or clarifying a personal code of values and ethics				1	Very little	103	15	462	14	534	14	602	14	2.5	2.6 ***	-0.13	2.6 *	-0.10	2.6 ***	-0.14		
				2	Some	227	34	1,042	31	1,355	33	1,437	31									
				3	Quite a bit	247	36	1,201	35	1,469	35	1,605	34									
				4	Very much	95	14	684	20	764	18	967	21									
				Total		672	100	3,389	100	4,122	100	4,611	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)				1	Very little	100	15	369	12	472	11	539	12	2.5	2.7 ***	-0.19	2.6 ***	-0.16	2.7 ***	-0.19		
				2	Some	245	37	1,051	32	1,371	33	1,459	32									
				3	Quite a bit	226	33	1,221	35	1,466	36	1,576	34									
				4	Very much	102	15	749	21	814	19	1,045	22									
				Total		673	100	3,390	100	4,123	100	4,619	100									
i. Solving complex real-world problems				1	Very little	97	15	423	12	503	12	626	14	2.5	2.6 **	-0.12	2.5	-0.05	2.5	-0.04		
				2	Some	240	35	1,114	33	1,559	38	1,651	36									
				3	Quite a bit	241	36	1,236	36	1,412	34	1,544	33									
				4	Very much	95	14	618	18	646	16	791	17									
				Total		673	100	3,391	100	4,120	100	4,612	100									
j. Being an informed and active citizen				1	Very little	98	15	453	14	518	13	596	13	2.4	2.6 ***	-0.14	2.6 ***	-0.13	2.6 ***	-0.16		
				2	Some	259	39	1,105	33	1,439	35	1,528	33									
				3	Quite a bit	230	35	1,193	35	1,459	35	1,608	35									
				4	Very much	81	12	624	18	681	17	860	18									
				Total		668	100	3,375	100	4,097	100	4,592	100									

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### First-Year Students

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																
<b>18. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	11	2	50	1	63	2	62	2	<b>3.2</b>	3.2 *	-10	3.2 **	-11	3.2	-05
		2	Fair	81	12	366	11	391	10	515	11							
		3	Good	374	55	1,770	51	2,121	51	2,503	54							
		4	Excellent	211	31	1,232	37	1,560	37	1,552	33							
		Total		677	100	3,418	100	4,135	100	4,632	100							
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	26	4	107	3	134	3	164	4	<b>3.1</b>	3.3 ***	-17	3.3 ***	-18	3.2 *	-10
		2	Probably no	94	14	388	11	424	10	546	12							
		3	Probably yes	318	48	1,449	42	1,745	42	2,038	44							
		4	Definitely yes	238	35	1,476	43	1,839	44	1,886	40							
		Total		676	100	3,420	100	4,142	100	4,634	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>		Mean	Effect size <sup>e</sup>		
														Mean	Effect size <sup>e</sup>		Mean	Effect size <sup>e</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	21	2	121	2	154	2	177	2	<b>3.0</b>	3.1 ***	-0.15	3.1 **	-0.10	3.2 ***	-0.20	
		2	Sometimes	264	29	1,584	25	2,006	26	2,045	22								
		3	Often	320	35	2,069	32	2,581	33	3,053	34								
		4	Very often	307	33	2,688	41	3,000	38	3,851	42								
		Total		912	100	6,462	100	7,741	100	9,126	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	197	22	1,302	21	1,761	24	1,759	20	<b>2.3</b>	2.4	-0.06	2.3	-0.01	2.4 ***	-0.14	
		2	Sometimes	363	40	2,484	39	2,935	38	3,240	36								
		3	Often	225	24	1,565	24	1,866	24	2,357	25								
		4	Very often	124	13	1,087	16	1,141	15	1,728	19								
		Total		909	100	6,438	100	7,703	100	9,084	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	48	5	410	6	504	7	510	6	<b>2.9</b>	2.9	-0.06	2.9	-0.04	3.0 ***	-0.14	
		2	Often	182	21	970	16	1,198	16	1,206	14								
		3	Sometimes	512	56	3,714	58	4,428	57	5,224	57								
		4	Never	165	18	1,323	20	1,540	20	2,113	23								
		Total		907	100	6,417	100	7,670	100	9,053	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	400	45	2,497	40	3,067	40	3,454	39	<b>1.8</b>	1.9 **	-0.11	1.8	-0.06	1.9 ***	-0.16	
		2	Sometimes	348	38	2,584	40	3,217	41	3,578	39								
		3	Often	97	11	801	12	897	12	1,158	13								
		4	Very often	62	7	525	8	504	6	867	10								
		Total		907	100	6,407	100	7,685	100	9,057	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	61	7	567	10	658	9	886	11	<b>2.6</b>	2.5 **	.10	2.5 *	.09	2.5 ***	.18	
		2	Sometimes	375	42	2,750	43	3,310	43	4,110	46								
		3	Often	302	33	2,059	32	2,453	32	2,694	29								
		4	Very often	166	18	1,013	16	1,250	16	1,312	14								
		Total		904	100	6,389	100	7,671	100	9,002	100								
f. Explained course material to one or more students	CLexplain	1	Never	14	2	142	2	230	3	259	3	<b>2.9</b>	2.9	.04	2.8 **	.11	2.8 *	.09	
		2	Sometimes	290	33	2,058	33	2,635	35	3,044	35								
		3	Often	367	41	2,629	41	3,054	40	3,555	40								
		4	Very often	217	24	1,449	23	1,614	22	2,000	22								
		Total		888	100	6,278	100	7,533	100	8,858	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with				
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	116	13	865	14	1,060	15	1,313	15	2.6	2.6	.03	2.5 **	.10	2.5 *	.08
		2	Sometimes	313	35	2,241	36	2,859	38	3,233	36							
		3	Often	265	30	1,841	29	2,158	28	2,540	28							
		4	Very often	196	22	1,337	21	1,447	19	1,783	20							
		Total		890	100	6,284	100	7,524	100	8,869	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	17	2	216	3	308	4	356	4	3.1	3.0 **	.09	3.0 ***	.15	2.9 ***	.18
		2	Sometimes	198	22	1,630	26	1,979	27	2,459	29							
		3	Often	358	41	2,288	36	2,774	37	3,255	37							
		4	Very often	311	35	2,148	34	2,447	32	2,771	30							
		Total		884	100	6,282	100	7,508	100	8,841	100							
i. Gave a course presentation	present	1	Never	56	6	447	7	713	10	736	9	2.8	2.8	.00	2.7 ***	.13	2.8	.04
		2	Sometimes	287	33	1,931	32	2,508	34	2,753	32							
		3	Often	316	36	2,163	34	2,491	33	2,964	33							
		4	Very often	228	25	1,704	27	1,764	23	2,363	26							
		Total		887	100	6,245	100	7,476	100	8,816	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	13	1	124	2	115	2	211	3	3.0	3.1	-.04	3.1	-.05	3.0	-.02
		2	Sometimes	210	24	1,438	24	1,738	24	2,037	24							
		3	Often	389	45	2,454	40	3,020	41	3,505	40							
		4	Very often	264	30	2,150	34	2,496	33	2,947	33							
		Total		876	100	6,166	100	7,369	100	8,700	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	54	6	308	6	341	5	467	6	2.7	2.8 ***	-.16	2.8 ***	-.18	2.9 ***	-.19
		2	Sometimes	311	36	1,880	32	2,289	32	2,541	30							
		3	Often	335	39	2,187	36	2,646	36	3,180	37							
		4	Very often	168	19	1,718	27	2,012	27	2,416	28							
		Total		868	100	6,093	100	7,288	100	8,604	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	133	16	683	12	781	12	860	10	2.4	2.6 ***	-.23	2.6 ***	-.22	2.7 ***	-.28
		2	Sometimes	371	43	2,120	35	2,649	37	2,990	35							
		3	Often	225	25	1,865	30	2,240	30	2,774	32							
		4	Very often	141	16	1,431	22	1,622	21	1,986	23							
		Total		870	100	6,099	100	7,292	100	8,610	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	52	6	274	5	331	5	392	5	2.7	2.8 ***	-0.17	2.8 ***	-0.13	2.9 ***	-0.21	
		2	Sometimes	319	37	1,879	31	2,406	33	2,513	29								
		3	Often	342	40	2,450	40	2,926	40	3,562	41								
		4	Very often	152	17	1,486	24	1,611	22	2,117	25								
		Total		865	100	6,089	100	7,274	100	8,584	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	32	4	185	3	239	4	253	3	2.8	2.9 ***	-0.18	2.9 **	-0.12	3.0 ***	-0.21	
		2	Sometimes	291	34	1,635	27	2,137	30	2,205	26								
		3	Often	359	41	2,525	42	3,068	42	3,667	43								
		4	Very often	183	21	1,723	28	1,824	25	2,456	28								
		Total		865	100	6,068	100	7,268	100	8,581	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	21	3	111	2	123	2	170	2	2.9	3.0 **	-0.11	2.9	-0.06	2.9 **	-0.10	
		2	Sometimes	270	31	1,628	27	2,117	30	2,372	28								
		3	Often	369	43	2,617	43	3,149	43	3,624	42								
		4	Very often	206	23	1,698	27	1,859	25	2,385	27								
		Total		866	100	6,054	100	7,248	100	8,551	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	0	42	1	38	1	80	1	3.2	3.2 *	-0.08	3.2 **	-0.09	3.3 **	-0.11	
		2	Sometimes	138	16	893	15	1,037	15	1,147	14								
		3	Often	412	48	2,529	43	3,164	44	3,633	43								
		4	Very often	308	35	2,549	41	2,969	41	3,644	42								
		Total		862	100	6,013	100	7,208	100	8,504	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	125	15	966	16	1,092	16	1,178	14	2.4	2.4	-0.04	2.4	-0.01	2.5 ***	-0.12	
		2	Sometimes	382	45	2,439	41	3,061	43	3,351	39								
		3	Often	217	25	1,551	25	1,894	25	2,299	27								
		4	Very often	136	15	1,088	18	1,212	16	1,701	20								
		Total		860	100	6,044	100	7,259	100	8,529	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	362	42	2,493	42	2,924	42	3,267	39	2.0	2.0	.00	2.0	.01	2.0	-0.06	
		2	Sometimes	247	29	1,878	31	2,322	32	2,682	32								
		3	Often	153	18	944	16	1,175	16	1,407	17								
		4	Very often	96	11	702	12	810	11	1,134	13								
		Total		858	100	6,017	100	7,231	100	8,490	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with				
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	153	18	1,277	21	1,693	24	1,728	20	2.3	2.3	.04	2.2 ***	.12	2.3	-.02
		2	Sometimes	381	44	2,645	44	3,162	44	3,507	41							
		3	Often	235	28	1,323	22	1,590	22	2,088	25							
		4	Very often	87	10	766	13	788	10	1,170	14							
		Total		856	100	6,011	100	7,233	100	8,493	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	189	23	1,306	22	1,804	26	1,639	19	2.1	2.2 **	-.10	2.1	.05	2.3 ***	-.19
		2	Sometimes	427	50	2,760	46	3,397	47	3,708	44							
		3	Often	170	20	1,218	20	1,398	19	1,984	24							
		4	Very often	69	8	717	12	607	8	1,132	13							
		Total		855	100	6,001	100	7,206	100	8,463	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	59	7	512	8	629	9	678	8	2.8	2.8	.06	2.7 ***	.13	2.8 *	.08
		2	Some	239	28	1,896	31	2,356	33	2,602	31							
		3	Quite a bit	348	41	2,232	38	2,742	38	3,285	39							
		4	Very much	213	24	1,392	23	1,504	21	1,923	22							
		Total		859	100	6,032	100	7,231	100	8,488	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	23	2	180	3	146	2	188	3	3.1	3.2 **	-.09	3.2 ***	-.12	3.1 *	-.09
		2	Some	176	21	994	17	1,133	16	1,448	17							
		3	Quite a bit	372	44	2,542	42	3,186	44	3,660	43							
		4	Very much	284	33	2,302	38	2,743	37	3,187	37							
		Total		855	100	6,018	100	7,208	100	8,483	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	21	2	210	4	210	3	254	3	3.0	3.1 ***	-.13	3.1 ***	-.13	3.1 ***	-.13
		2	Some	218	26	1,184	20	1,442	20	1,709	20							
		3	Quite a bit	366	43	2,395	40	3,003	42	3,447	41							
		4	Very much	246	29	2,198	36	2,519	35	3,037	35							
		Total		851	100	5,987	100	7,174	100	8,447	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	59	7	335	6	388	6	365	4	2.7	2.9 ***	-.20	2.9 ***	-.15	3.0 ***	-.27
		2	Some	285	34	1,538	26	1,953	28	2,022	24							
		3	Quite a bit	320	38	2,380	40	2,918	40	3,525	41							
		4	Very much	191	21	1,743	28	1,926	26	2,535	30							
		Total		855	100	5,996	100	7,185	100	8,447	100							

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



# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
																			UMD Peers
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	40	5	270	5	368	6	343	4	<b>2.8</b>	2.9 ***	-0.12	2.9 *	-0.07	3.0 ***	-0.19	
		2	Some	258	31	1,495	26	1,850	26	1,897	23								
		3	Quite a bit	356	42	2,469	41	3,009	42	3,596	43								
		4	Very much	199	23	1,743	29	1,953	27	2,603	30								
		Total		853	100	5,977	100	7,180	100	8,439	100								
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	19	2	86	1	110	2	130	2	<b>3.0</b>	3.2 ***	-0.23	3.1 ***	-0.16	3.2 ***	-0.24	
		2	Some	172	20	922	15	1,167	16	1,323	15								
		3	Quite a bit	432	50	2,774	45	3,502	48	3,715	44								
		4	Very much	234	27	2,246	38	2,448	34	3,322	39								
		Total		857	100	6,028	100	7,227	100	8,490	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	21	2	117	2	129	2	171	2	<b>3.0</b>	3.1 ***	-0.18	3.1 ***	-0.14	3.1 ***	-0.19	
		2	Some	170	20	987	16	1,207	17	1,383	16								
		3	Quite a bit	447	52	2,882	48	3,603	50	3,976	47								
		4	Very much	216	25	2,029	34	2,273	31	2,935	35								
		Total		854	100	6,015	100	7,212	100	8,465	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	19	2	157	3	145	2	195	2	<b>3.0</b>	3.2 ***	-0.17	3.2 ***	-0.15	3.2 ***	-0.19	
		2	Some	183	21	970	16	1,222	18	1,339	16								
		3	Quite a bit	399	47	2,497	42	3,108	43	3,532	42								
		4	Very much	253	30	2,374	39	2,713	37	3,386	40								
		Total		854	100	5,998	100	7,188	100	8,452	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	85	10	560	10	793	12	729	9	<b>2.6</b>	2.8 ***	-0.15	2.7	-0.03	2.8 ***	-0.22	
		2	Some	290	34	1,748	30	2,294	33	2,241	27								
		3	Quite a bit	317	37	2,062	34	2,434	33	2,989	35								
		4	Very much	159	18	1,632	27	1,663	22	2,492	29								
		Total		851	100	6,002	100	7,184	100	8,451	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	62	7	397	7	496	7	505	6	<b>2.7</b>	2.9 ***	-0.15	2.8	-0.05	2.9 ***	-0.20	
		2	Some	265	31	1,617	27	2,120	30	2,197	26								
		3	Quite a bit	364	43	2,366	39	2,908	40	3,306	39								
		4	Very much	158	19	1,587	27	1,627	22	2,407	29								
		Total		849	100	5,967	100	7,151	100	8,415	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

		Frequency Distributions <sup>a</sup>										Statistical Comparisons <sup>b</sup>							
		UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	91	10	760	12	852	11	1,101	13	2.7	2.7	.04	2.7	.03	2.6 *	.08	
		2	Sometimes	274	31	1,981	32	2,393	32	2,776	32								
		3	Often	309	37	1,956	33	2,430	34	2,833	34								
		4	Very often	186	22	1,307	23	1,542	23	1,773	21								
		Total		860	100	6,004	100	7,217	100	8,483	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	141	16	1,145	19	1,301	18	1,536	18	2.4	2.4	.00	2.4	.01	2.4	.00	
		2	Sometimes	355	41	2,224	36	2,751	37	3,113	36								
		3	Often	217	26	1,593	27	1,967	28	2,384	28								
		4	Very often	142	17	1,032	18	1,168	17	1,423	17								
		Total		855	100	5,994	100	7,187	100	8,456	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	115	13	985	16	1,071	14	1,462	17	2.5	2.5	.01	2.5	.00	2.4	.06	
		2	Sometimes	359	42	2,324	38	2,836	39	3,231	38								
		3	Often	245	29	1,690	28	2,154	31	2,428	29								
		4	Very often	134	16	987	17	1,122	16	1,325	16								
		Total		853	100	5,986	100	7,183	100	8,446	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum	0	None	23	3	235	5	264	4	365	5	8.6	8.0 *	.08	8.2	.06	7.8 **	.11	
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	151	19	939	17	1,200	18	1,474	19								
		4	3-5	206	25	1,524	28	1,824	27	2,169	28								
		8	6-10	175	22	1,243	23	1,488	22	1,650	22								
		13	11-15	107	13	653	11	761	11	830	11								
		18	16-20	55	7	372	6	505	7	522	7								
		23	More than 20	95	12	572	10	690	10	698	9								
		Total		812	100	5,538	100	6,732	100	7,708	100								
b. Between 6 and 10 pages	wrmednum	0	None	141	18	1,021	19	1,336	21	1,497	20	3.3	3.4	-.02	3.2	.02	3.3	-.01	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	307	38	2,035	38	2,468	37	2,896	38								
		4	3-5	226	28	1,472	27	1,802	27	1,989	26								
		8	6-10	84	11	598	11	661	10	807	11								
		13	11-15	21	3	193	4	205	3	264	3								
		18	16-20	6	1	64	1	72	1	97	1								
		23	More than 20	9	1	60	1	53	1	68	1								
		Total		794	100	5,443	100	6,597	100	7,618	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. 11 pages or more	wrlongnum	0	None	286	37	2,073	39	2,716	42	3,154	42	<b>1.9</b>	1.9	-0.01	1.8	.05	1.9	.02	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	352	44	2,255	42	2,646	41	2,951	39								
		4	3-5	99	13	699	13	764	12	895	12								
		8	6-10	34	5	205	4	214	3	244	3								
		13	11-15	4	1	83	2	70	1	113	2								
		18	16-20	3	0	30	1	36	1	42	1								
		23	More than 20	9	1	44	1	51	1	63	1								
	Total			787	100	5,389	100	6,497	100	7,462	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.)	78.5		78.1	.01	74.9	.05	75.3	.04								
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	57	7	249	5	429	6	397	5	<b>2.7</b>	3.0 ***	-0.36	2.8 ***	-0.15	3.0 ***	-0.31	
		2	Sometimes	331	40	1,647	28	2,457	35	2,333	29								
		3	Often	251	30	1,619	29	1,965	28	2,397	30								
		4	Very often	189	23	2,198	39	2,025	30	2,866	36								
		Total		828	100	5,713	100	6,876	100	7,993	100								
b. People from an economic background other than your own	DDeconomic	1	Never	30	4	188	3	277	4	275	3	<b>2.9</b>	3.1 ***	-0.25	2.9 *	-0.09	3.0 ***	-0.21	
		2	Sometimes	251	31	1,337	23	1,950	28	1,936	24								
		3	Often	339	41	2,009	35	2,522	36	2,900	36								
		4	Very often	208	25	2,162	38	2,118	31	2,866	36								
		Total		828	100	5,696	100	6,867	100	7,977	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	43	5	261	5	332	5	385	5	<b>2.8</b>	3.1 ***	-0.25	3.0 ***	-0.13	3.0 ***	-0.20	
		2	Sometimes	266	33	1,383	24	1,933	28	2,022	25								
		3	Often	290	35	1,765	31	2,260	33	2,596	32								
		4	Very often	227	27	2,277	40	2,319	34	2,944	37								
		Total		826	100	5,686	100	6,844	100	7,947	100								
d. People with political views other than your own	DDpolitical	1	Never	41	5	247	4	289	4	348	4	<b>2.9</b>	3.1 ***	-0.13	3.0 *	-0.07	3.0 **	-0.11	
		2	Sometimes	223	27	1,422	24	1,764	26	1,991	25								
		3	Often	300	36	1,876	33	2,425	35	2,670	34								
		4	Very often	259	31	2,122	38	2,341	35	2,915	37								
		Total		823	100	5,667	100	6,819	100	7,924	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	21	3	120	2	122	2	128	2	3.0	3.2 ***	-0.19	3.2 ***	-0.17	3.2 ***	-0.26	
		2	Sometimes	183	22	930	17	1,258	19	1,213	15								
		3	Often	350	42	2,255	40	2,681	39	3,146	40								
		4	Very often	272	32	2,371	41	2,774	40	3,467	43								
		Total		826	100	5,676	100	6,835	100	7,954	100								
b. Reviewed your notes after class	LSnotes	1	Never	96	12	409	8	694	10	604	8	2.6	2.8 ***	-0.27	2.7 ***	-0.13	2.8 ***	-0.31	
		2	Sometimes	320	39	1,860	33	2,436	36	2,408	30								
		3	Often	245	29	1,747	31	2,012	30	2,439	31								
		4	Very often	160	19	1,645	29	1,673	24	2,471	31								
		Total		821	100	5,661	100	6,815	100	7,922	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	86	11	407	7	527	8	528	7	2.6	2.8 ***	-0.23	2.7 ***	-0.14	2.9 ***	-0.28	
		2	Sometimes	293	36	1,667	30	2,274	34	2,272	29								
		3	Often	281	34	1,989	35	2,319	34	2,723	35								
		4	Very often	156	19	1,554	27	1,627	24	2,315	29								
		Total		816	100	5,617	100	6,747	100	7,838	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	2	0	29	1	35	1	38	1	5.5	5.6 ***	-0.13	5.5	-0.06	5.6 ***	-0.12	
		2		9	1	64	1	92	2	80	1								
		3		25	3	149	3	210	3	235	3								
		4		78	10	458	8	559	8	691	9								
		5		297	36	1,692	30	2,144	32	2,369	30								
		6		277	34	1,971	34	2,448	35	2,609	32								
		7	Very much	133	16	1,302	23	1,337	19	1,905	24								
		Total		821	100	5,665	100	6,825	100	7,927	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		57	7	334	6	376	6	526	7	54%	55%	-0.01	56%	-0.02	51%	.06	
		Do not plan to do		127	16	915	16	1,057	16	1,324	18								
		Plan to do		185	23	1,289	23	1,542	22	1,973	24								
		Done or in progress		452	54	3,131	55	3,850	56	4,103	51								
		Total		821	100	5,669	100	6,825	100	7,926	100								

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# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
			UMD		UMD Peers		Competitors		National Comparison		Your seniors compared with							
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison
		Response options									Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
b. Hold a formal leadership role in a student organization or group	leader	Have not decided	68	9	448	8	471	7	682	9	<b>36%</b>	37%	-.04	44% ***	-.17	37%	-.03	
		Do not plan to do	403	50	2,774	49	2,949	44	3,725	48								
		Plan to do	51	6	336	6	383	6	519	7								
		Done or in progress	296	36	2,102	37	3,001	44	2,983	37								
		Total	818	100	5,660	100	6,804	100	7,909	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	87	11	539	10	523	8	876	11	<b>25%</b>	23%	.05	26%	-.02	25%	.01	
		Do not plan to do	469	58	3,375	61	4,047	60	4,374	57								
		Plan to do	50	6	361	6	413	6	614	8								
		Done or in progress	209	25	1,371	23	1,825	26	2,043	25								
		Total	815	100	5,646	100	6,808	100	7,907	100								
d. Participate in a study abroad program	abroad	Have not decided	73	9	493	9	523	8	799	10	<b>17%</b>	14% *	.07	20%	-.07	14% *	.08	
		Do not plan to do	555	69	3,961	70	4,536	67	5,413	69								
		Plan to do	44	5	364	7	376	6	537	7								
		Done or in progress	146	17	814	14	1,373	20	1,142	14								
		Total	818	100	5,632	100	6,808	100	7,891	100								
e. Work with a faculty member on a research project	research	Have not decided	106	13	704	13	749	11	1,019	13	<b>23%</b>	27% *	-.08	28% **	-.10	26% *	-.07	
		Do not plan to do	450	55	2,807	48	3,463	50	3,857	49								
		Plan to do	68	9	641	12	679	11	916	12								
		Done or in progress	189	23	1,467	27	1,879	28	2,058	26								
		Total	813	100	5,619	100	6,770	100	7,850	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	Have not decided	84	10	363	6	393	6	592	7	<b>39%</b>	55% ***	-.32	48% ***	-.19	50% ***	-.22	
		Do not plan to do	215	27	1,138	19	1,470	22	1,652	21								
		Plan to do	199	24	1,122	21	1,597	24	1,743	22								
		Done or in progress	317	39	3,016	55	3,332	48	3,907	50								
		Total	815	100	5,639	100	6,792	100	7,894	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
	servcourse	1 None	268	34	2,043	39	2,512	39	2,641	36	<b>1.8</b>	1.7	.05	1.7 *	.08	1.8	-.02	
		2 Some	482	58	3,023	52	3,634	52	4,250	53								
		3 Most	63	7	505	8	583	7	906	10								
		4 All	9	1	67	1	77	1	88	1								
		Total	822	100	5,638	100	6,806	100	7,885	100								

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# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with				
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	UMD Peers	Competitors	National Comparison			
													Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																		
a. Students	QIstudent	1	Poor	6	1	47	1	46	1	64	1	<b>5.8</b>	5.7 *	.07	5.8	.04	5.7 *	.07
		2		6	1	73	1	88	1	89	1							
		3		20	2	189	4	182	3	259	3							
		4		59	7	471	9	490	7	644	9							
		5		177	21	1,218	21	1,445	21	1,743	22							
		6		297	36	1,873	32	2,458	35	2,632	32							
		7	Excellent	258	31	1,767	31	2,078	30	2,452	31							
		—	Not applicable	0	0	28	0	52	1	50	1							
			Total	823	100	5,666	100	6,839	100	7,933	100							
b. Academic advisors	QIadvisor	1	Poor	49	6	304	6	295	4	355	5	<b>4.9</b>	5.0	-.05	5.1 **	-.10	5.2 ***	-.19
		2		41	5	338	6	405	6	406	5							
		3		69	8	480	8	529	8	545	7							
		4		131	16	774	13	892	13	868	11							
		5		172	21	1,058	18	1,350	20	1,384	17							
		6		179	22	1,163	20	1,549	22	1,776	22							
		7	Excellent	173	21	1,426	26	1,736	25	2,494	32							
		—	Not applicable	6	1	113	2	65	1	88	1							
			Total	820	100	5,656	100	6,821	100	7,916	100							
c. Faculty	QIfaculty	1	Poor	7	1	68	1	63	1	83	1	<b>5.4</b>	5.6 ***	-.14	5.4	-.04	5.6 ***	-.18
		2		14	2	94	2	140	2	147	2							
		3		40	5	241	4	296	5	304	4							
		4		96	12	575	10	788	12	746	9							
		5		230	28	1,285	22	1,736	26	1,772	22							
		6		280	34	1,891	34	2,293	33	2,592	33							
		7	Excellent	147	18	1,444	26	1,445	21	2,193	28							
		—	Not applicable	1	0	24	0	21	0	25	0							
			Total	815	100	5,622	100	6,782	100	7,862	100							

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# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

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				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	24	3	214	4	218	3	333	5	4.9	4.9	.03	5.0	-.04	4.9	.00	
		2		30	4	261	5	286	4	379	5								
		3		64	8	417	7	449	7	520	7								
		4		125	15	787	14	954	14	1,012	13								
		5		201	24	1,170	21	1,529	22	1,552	20								
		6		189	24	1,091	19	1,545	22	1,628	20								
		7	Excellent	97	12	779	14	984	14	1,315	16								
		—	Not applicable	90	11	909	16	846	13	1,159	15								
	Total			820	100	5,628	100	6,811	100	7,898	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	30	4	280	5	250	4	380	5	4.8	4.8	.02	4.9	-.06	4.9	-.05	
		2		39	5	351	6	348	5	395	5								
		3		71	9	469	8	496	7	612	8								
		4		126	15	922	16	1,053	15	1,162	15								
		5		210	25	1,265	22	1,568	23	1,773	22								
		6		190	23	1,225	22	1,640	24	1,900	24								
		7	Excellent	98	12	873	16	995	15	1,407	18								
		—	Not applicable	54	7	244	4	468	7	263	3								
	Total			818	100	5,629	100	6,818	100	7,892	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	10	1	67	1	102	2	141	2	3.2	3.2	-.03	3.2	.01	3.1 *	.09	
		2	Some	106	14	854	16	1,038	16	1,242	17								
		3	Quite a bit	403	51	2,421	44	3,004	46	3,624	48								
		4	Very much	279	35	2,040	39	2,386	37	2,530	33								
			Total			798	100	5,382	100	6,530	100								7,537
b. Providing support to help students succeed academically	SEacademic	1	Very little	38	5	234	5	269	4	328	5	2.8	3.0 ***	-.20	2.9 ***	-.16	3.0 ***	-.21	
		2	Some	235	30	1,217	23	1,553	24	1,662	23								
		3	Quite a bit	362	46	2,414	45	2,932	45	3,275	44								
		4	Very much	157	19	1,480	28	1,739	26	2,207	29								
			Total			792	100	5,345	100	6,493	100								7,472
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	70	9	460	8	532	8	623	9	2.7	2.8 **	-.12	2.8 **	-.12	2.9 ***	-.18	
		2	Some	239	30	1,477	27	1,690	26	1,760	24								
		3	Quite a bit	327	41	2,018	37	2,582	40	2,872	38								
		4	Very much	161	20	1,398	27	1,684	26	2,223	29								
			Total			797	100	5,353	100	6,488	100								7,478

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
														UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	142	18	899	18	1,153	18	1,195	17	<b>2.4</b>	2.5 **	-0.09	2.4	-0.05	2.5 ***	-0.13	
		2	Some	310	39	1,892	35	2,411	37	2,559	34								
		3	Quite a bit	240	30	1,569	29	1,913	29	2,271	30								
		4	Very much	105	13	1,001	19	1,036	16	1,470	19								
		Total		797	100	5,361	100	6,513	100	7,495	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	39	5	358	7	341	6	495	7	<b>2.8</b>	2.9	-0.05	2.9 *	-0.09	2.9	-0.07	
		2	Some	231	30	1,370	26	1,645	26	1,823	25								
		3	Quite a bit	341	43	2,192	40	2,726	42	3,037	41								
		4	Very much	183	22	1,444	27	1,794	27	2,136	28								
		Total		794	100	5,364	100	6,506	100	7,491	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	59	8	479	9	449	7	606	9	<b>2.8</b>	2.9 *	-0.09	2.9 ***	-0.14	2.8 *	-0.07	
		2	Some	230	29	1,334	25	1,525	24	1,863	25								
		3	Quite a bit	329	42	2,037	38	2,620	40	2,950	39								
		4	Very much	174	21	1,490	28	1,874	28	2,039	26								
		Total		792	100	5,340	100	6,468	100	7,458	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	287	36	1,860	35	2,120	33	2,463	34	<b>2.0</b>	2.0	-0.06	2.0 *	-0.07	2.1 **	-0.11	
		2	Some	305	38	2,044	38	2,506	39	2,714	36								
		3	Quite a bit	150	19	954	18	1,345	21	1,517	20								
		4	Very much	50	6	477	9	501	8	767	10								
		Total		792	100	5,335	100	6,472	100	7,461	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	64	8	587	11	568	9	833	12	<b>2.6</b>	2.7	-0.05	2.8 ***	-0.18	2.7 *	-0.08	
		2	Some	306	39	1,751	33	1,857	29	2,176	29								
		3	Quite a bit	291	37	1,942	37	2,493	38	2,816	38								
		4	Very much	128	16	1,032	20	1,529	24	1,603	21								
		Total		789	100	5,312	100	6,447	100	7,428	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	120	15	884	17	933	15	1,104	15	<b>2.4</b>	2.4	-0.01	2.4 *	-0.07	2.5 **	-0.11	
		2	Some	338	43	2,161	41	2,547	39	2,719	37								
		3	Quite a bit	246	31	1,534	28	2,124	33	2,410	32								
		4	Very much	84	11	740	14	834	13	1,183	16								
		Total		788	100	5,319	100	6,438	100	7,416	100								

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



# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	0	9	0	19	0	17	0	<b>16.2</b>	15.2 ** △	.11	15.8	.04	14.7 *** △	.18	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	66	9	667	13	755	12	1,004	14								
	8	6-10 hrs	177	22	1,197	23	1,351	21	1,808	24									
	13	11-15 hrs	157	20	1,089	20	1,348	20	1,532	20									
	18	16-20 hrs	166	21	976	18	1,181	18	1,312	17									
	23	21-25 hrs	84	10	591	11	784	12	797	10									
	28	26-30 hrs	64	8	350	6	464	7	449	6									
	33	More than 30 hrs	78	10	456	9	574	9	565	8									
	Total			793	100	5,335	100	6,476	100	7,484	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	269	34	2,208	41	2,029	32	2,959	40	<b>5.1</b>	4.5 * △	.10	5.0	.01	4.7	.06	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	288	37	1,750	32	2,578	39	2,477	32								
	8	6-10 hrs	113	14	642	12	903	14	953	13									
	13	11-15 hrs	57	7	333	7	414	7	448	6									
	18	16-20 hrs	28	4	178	4	255	4	286	4									
	23	21-25 hrs	13	2	102	2	131	2	149	2									
	28	26-30 hrs	7	1	44	1	52	1	80	1									
	33	More than 30 hrs	15	2	55	1	81	1	102	1									
	Total			790	100	5,312	100	6,443	100	7,454	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	545	69	3,844	72	4,099	63	5,115	70	<b>4.1</b>	3.7	.07	4.8 *	-0.09	3.9	.03	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	34	4	185	4	324	5	378	5								
	8	6-10 hrs	61	8	394	7	666	10	622	8									
	13	11-15 hrs	72	9	377	7	612	10	516	7									
	18	16-20 hrs	38	5	349	6	460	7	514	7									
	23	21-25 hrs	21	3	94	2	141	2	162	2									
	28	26-30 hrs	8	1	35	1	67	1	66	1									
	33	More than 30 hrs	11	1	48	1	76	1	86	1									
	Total			790	100	5,326	100	6,445	100	7,459	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
																			UMD Peers
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	320	41	2,196	42	2,828	45	3,134	43	<b>10.8</b>	11.5	-.06	10.1	.05	11.7 *	▽	-.08
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	34	4	306	5	372	6	420	5								
		8	6-10 hrs	69	9	361	7	531	8	515	6								
		13	11-15 hrs	82	10	439	8	562	8	570	7								
		18	16-20 hrs	110	14	602	11	684	10	751	10								
		23	21-25 hrs	56	7	469	9	523	8	594	8								
		28	26-30 hrs	49	6	310	6	329	5	460	6								
		33	More than 30 hrs	63	8	612	12	590	10	985	15								
	Total			783	100	5,295	100	6,419	100	7,429	100								
Estimated number of hours working for pay	tmworkhrs											<b>14.8</b>	15.0	-.01	14.8	.00	15.5	-.06	
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	406	54	2,630	51	2,994	48	3,607	50	<b>2.9</b>	2.8	.03	2.7	.05	2.9	.00	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	265	33	1,915	36	2,631	40	2,654	35								
		8	6-10 hrs	45	6	366	6	444	7	622	8								
		13	11-15 hrs	28	4	177	3	163	3	226	3								
		18	16-20 hrs	9	1	87	2	73	1	147	2								
		23	21-25 hrs	8	1	41	1	41	1	58	1								
		28	26-30 hrs	6	1	23	0	17	0	24	0								
		33	More than 30 hrs	10	1	26	1	34	1	45	1								
	Total			777	100	5,265	100	6,397	100	7,383	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	10	1	100	2	85	1	161	2	<b>12.9</b>	11.9 ***	.12	12.2 *	.09	11.4 ***	.18	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	138	17	1,264	23	1,294	20	1,934	26								
		8	6-10 hrs	214	27	1,454	27	1,855	29	2,044	27								
		13	11-15 hrs	173	22	1,079	20	1,376	21	1,394	19								
		18	16-20 hrs	125	16	662	13	889	14	896	12								
		23	21-25 hrs	61	8	325	6	439	7	419	6								
		28	26-30 hrs	28	4	166	3	193	3	199	3								
		33	More than 30 hrs	36	5	258	5	281	5	364	5								
	Total			785	100	5,308	100	6,412	100	7,411	100								

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with					
														UMD Peers		Competitors		National Comparison	
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	665	85	3,916	74	5,088	79	5,170	69	<b>2.1</b>	4.0 *** ▽	-.21	3.3 *** ▽	-.14	5.0 *** ▽	-.29	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	50	6	486	9	462	7	700	10								
	8	6-10 hrs	16	2	183	4	192	3	323	4									
	13	11-15 hrs	7	1	120	2	102	2	198	3									
	18	16-20 hrs	11	1	90	2	112	2	179	3									
	23	21-25 hrs	4	1	63	1	53	1	88	1									
	28	26-30 hrs	5	1	45	1	34	1	68	1									
	33	More than 30 hrs	26	3	378	7	354	6	654	9									
	Total			784	100	5,281	100	6,397	100	7,380	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	40	5	516	9	937	15	1,003	14	<b>3.9</b>	4.6 *** ▽	-.15	4.0	-.01	4.6 *** ▽	-.14	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	627	79	3,571	66	4,347	66	4,610	61								
	8	6-10 hrs	96	12	887	18	824	13	1,236	16									
	13	11-15 hrs	17	2	195	4	200	3	326	4									
	18	16-20 hrs	4	1	65	1	74	1	126	2									
	23	21-25 hrs	1	0	29	1	29	0	57	1									
	28	26-30 hrs	1	0	22	0	12	0	28	0									
	33	More than 30 hrs	3	0	38	1	27	0	64	1									
	Total			789	100	5,323	100	6,450	100	7,450	100								
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
	reading	1	Very little	137	18	438	15	408	14	597	13	<b>2.8</b>	2.8	-.05	3.0 *** ▽	-.15	2.9 * ▽	-.10	
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	219	29	866	28	792	26	1,175	26								
	3	About half	176	22	833	26	741	24	1,308	28									
	4	Most	174	21	763	22	782	25	1,074	23									
	5	Almost all	84	10	318	9	375	12	451	9									
		Total			790	100	3,218	100	3,098	100	4,605								100
	tmreadinghrs											<b>7.4</b>	7.2	.02	8.1 ** ▽	-.12	7.2	.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)																		

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>					
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	UMD Peers	Competitors	National Comparison		
													Mean	Mean	Mean	Effect size <sup>e</sup>	Mean
	tmreadinghrscol	1	0 hrs	1	0	3	0	6	0	12	0						
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	339	44	1,395	46	1,165	38	2,163	48						
		3	More than 5, up to 10 hrs	261	33	1,022	31	1,037	34	1,305	28						
		4	More than 10, up to 15 hrs	83	10	372	11	401	13	488	11						
		5	More than 15, up to 20 hrs	45	6	207	6	234	8	320	7						
		6	More than 20, up to 25 hrs	37	4	144	4	180	6	195	4						
		7	More than 25 hrs	19	2	50	1	60	2	91	2						
		Total		785	100	3,193	100	3,083	100	4,574	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	48	6	335	7	354	6	409	6	<b>2.9</b>	3.0 *	-0.8	3.0 **	-1.0	3.0 ***	-1.4
		2	Some	178	23	1,198	23	1,387	22	1,512	20							
		3	Quite a bit	356	45	1,988	37	2,547	39	2,884	38							
		4	Very much	210	26	1,819	34	2,165	33	2,659	36							
		Total		792	100	5,340	100	6,453	100	7,464	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	62	8	402	8	469	8	476	7	<b>2.8</b>	2.9 ***	-1.3	2.9 **	-1.0	3.0 ***	-1.8
		2	Some	222	29	1,265	24	1,560	25	1,701	23							
		3	Quite a bit	315	40	2,036	38	2,519	39	2,872	38							
		4	Very much	188	23	1,614	30	1,879	29	2,395	32							
		Total		787	100	5,317	100	6,427	100	7,444	100							
c. Thinking critically and analytically	pgthink	1	Very little	15	2	118	2	114	2	183	3	<b>3.2</b>	3.3 **	-1.0	3.4 ***	-1.6	3.3 **	-1.0
		2	Some	117	15	690	13	702	11	867	12							
		3	Quite a bit	328	41	1,914	35	2,408	37	2,807	37							
		4	Very much	331	42	2,593	49	3,205	50	3,570	48							
		Total		791	100	5,315	100	6,429	100	7,427	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	65	8	612	11	620	9	852	12	<b>2.9</b>	2.8	.06	2.9	-0.01	2.8 *	.08
		2	Some	230	29	1,534	28	1,744	26	2,067	28							
		3	Quite a bit	253	32	1,622	31	2,066	32	2,343	31							
		4	Very much	243	31	1,552	31	2,002	33	2,171	30							
		Total		791	100	5,320	100	6,432	100	7,433	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>									
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options																		
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	68	9	450	9	448	7	576	8	<b>2.8</b>	2.9 **	-10	3.0 ***	-15	3.0 ***	-14			
		2	Some	210	27	1,208	23	1,388	22	1,627	22								▽	▽	▽
		3	Quite a bit	284	36	1,752	33	2,281	35	2,509	33										
		4	Very much	229	29	1,914	35	2,326	36	2,738	36										
		Total		791	100	5,324	100	6,443	100	7,450	100										
f. Working effectively with others	pgothers	1	Very little	34	4	226	5	270	5	324	5	<b>3.0</b>	3.1	-06	3.1	-05	3.1	-07			
		2	Some	176	23	1,079	21	1,269	20	1,420	20										
		3	Quite a bit	312	40	2,047	39	2,541	39	2,863	38										
		4	Very much	264	33	1,951	36	2,348	36	2,809	37										
		Total		786	100	5,303	100	6,428	100	7,416	100										
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	110	14	684	14	751	12	879	13	<b>2.6</b>	2.7 ***	-13	2.7 ***	-15	2.8 ***	-20			
		2	Some	259	33	1,486	28	1,773	28	1,837	25								▽	▽	▽
		3	Quite a bit	259	32	1,664	31	2,185	33	2,451	32										
		4	Very much	161	20	1,473	27	1,724	26	2,265	30										
		Total		789	100	5,307	100	6,433	100	7,432	100										
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	110	14	620	13	690	11	794	11	<b>2.5</b>	2.7 ***	-22	2.7 ***	-20	2.8 ***	-27			
		2	Some	308	40	1,567	30	2,016	32	2,083	29								▽	▽	▽
		3	Quite a bit	231	29	1,695	31	2,194	33	2,451	32										
		4	Very much	142	18	1,439	26	1,531	24	2,105	28										
		Total		791	100	5,321	100	6,431	100	7,433	100										
i. Solving complex real-world problems	pgprobsolve	1	Very little	73	9	527	10	535	9	703	10	<b>2.7</b>	2.8 *	-09	2.8 **	-11	2.8 *	-09			
		2	Some	259	33	1,476	28	1,809	28	2,055	27								▽	▽	▽
		3	Quite a bit	282	35	1,818	34	2,364	36	2,584	34										
		4	Very much	176	23	1,501	28	1,719	27	2,088	28										
		Total		790	100	5,322	100	6,427	100	7,430	100										
j. Being an informed and active citizen	pgcitizen	1	Very little	109	14	726	14	743	12	858	12	<b>2.5</b>	2.6 ***	-13	2.7 ***	-18	2.7 ***	-22			
		2	Some	295	37	1,648	31	2,042	32	2,164	29								▽	▽	▽
		3	Quite a bit	263	34	1,696	31	2,184	34	2,515	34										
		4	Very much	120	15	1,225	23	1,446	23	1,867	25										
		Total		787	100	5,295	100	6,415	100	7,404	100										

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

# NSSE 2014 Frequencies and Statistical Comparisons

## University of Minnesota Duluth

### Seniors

Item wording or description				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UMD		UMD Peers		Competitors		National Comparison		UMD		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	UMD Peers	Competitors	National Comparison	Effect size <sup>e</sup>	Effect size <sup>e</sup>	Effect size <sup>e</sup>
Variable name <sup>c</sup>	Values <sup>d</sup>	Response options									Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	13	2	107	2	113	2	143	2	<b>3.1</b>	3.3 ***	-18	3.3 ***	-25	3.3 ***	-19
		2	Fair	94	12	568	11	563	9	686	10							
		3	Good	446	56	2,432	44	2,873	44	3,516	46							
		4	Excellent	239	30	2,230	42	2,914	45	3,119	42							
			Total	792	100	5,337	100	6,463	100	7,464	100							
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	27	3	214	4	211	4	319	5	<b>3.1</b>	3.2 ***	-19	3.3 ***	-27	3.2 ***	-18
		2	Probably no	123	16	657	12	675	11	855	12							
		3	Probably yes	391	49	2,088	38	2,474	38	2,935	39							
		4	Definitely yes	251	32	2,379	45	3,108	48	3,365	45							
			Total	792	100	5,338	100	6,468	100	7,474	100							

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

# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Minnesota Duluth

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>			
	UMD		UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	Comparisons with:			Comparisons with:			Comparisons with:			
														UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison	
1 a. askquest	802		2.62	2.77	2.80	2.79	.028	.008	.009	.008	.80	.85	.82	.84	943	9,969	11,832	.000	.000	.000	-.18	-.22	-.21
b. drafts	799		2.41	2.47	2.52	2.55	.032	.009	.010	.009	.91	.96	.95	.97	935	956	933	.047	.001	.000	-.07	-.12	-.15
c. unpreparedr	795		3.03	3.01	3.00	3.05	.026	.007	.008	.007	.74	.76	.75	.75	11,431	9,927	11,764	.470	.157	.652	.03	.05	-.02
d. attendart	787		1.82	2.04	1.90	1.95	.032	.009	.009	.009	.89	.92	.86	.92	914	918	11,753	.000	.017	.000	-.23	-.09	-.14
e. CLaskhelp	792		2.74	2.65	2.67	2.52	.029	.008	.009	.008	.81	.85	.83	.84	929	9,887	920	.003	.028	.000	.10	.08	.26
f. CLexplain	774		2.78	2.74	2.73	2.65	.028	.008	.008	.008	.79	.79	.79	.80	11,020	9,626	11,418	.166	.084	.000	.05	.06	.16
g. CLstudy	774		2.65	2.56	2.57	2.46	.032	.009	.010	.009	.88	.92	.92	.94	903	9,633	904	.005	.012	.000	.10	.09	.21
h. CLproject	774		2.70	2.67	2.63	2.54	.029	.008	.008	.008	.82	.83	.80	.84	10,980	9,619	11,341	.369	.017	.000	.03	.09	.20
i. present	768		2.11	2.24	2.14	2.19	.031	.009	.009	.009	.86	.86	.83	.89	10,959	9,545	891	.000	.440	.011	-.15	-.03	-.09
2 a. RIntegrate	762		2.71	2.69	2.67	2.61	.028	.008	.009	.008	.78	.85	.81	.85	905	912	900	.567	.181	.001	.02	.05	.12
b. RIsocietal	751		2.42	2.58	2.55	2.56	.030	.009	.009	.008	.82	.84	.83	.85	876	9,286	875	.000	.000	.000	-.19	-.17	-.17
c. RIdiverse	750		2.25	2.51	2.46	2.50	.031	.009	.009	.009	.85	.88	.85	.88	876	886	871	.000	.000	.000	-.29	-.25	-.29
d. Rlownview	750		2.59	2.74	2.66	2.71	.029	.008	.009	.008	.81	.81	.81	.82	10,517	9,271	10,851	.000	.016	.000	-.18	-.09	-.15
e. Rlperspect	750		2.70	2.85	2.76	2.81	.029	.008	.009	.008	.79	.82	.81	.82	10,491	9,255	10,819	.000	.058	.001	-.18	-.07	-.13
f. RInewview	746		2.75	2.83	2.79	2.80	.029	.008	.009	.008	.79	.80	.79	.80	10,468	9,212	10,781	.008	.189	.093	-.10	-.05	-.06
g. Rlconnect	740		2.95	3.06	3.03	3.01	.028	.008	.008	.008	.76	.77	.76	.78	10,423	9,174	10,721	.000	.008	.065	-.14	-.10	-.07
3 a. SFcareer	745		2.10	2.17	2.15	2.23	.030	.009	.009	.009	.82	.90	.83	.89	889	9,204	881	.024	.100	.000	-.08	-.06	-.15
b. SFotherwork	744		1.66	1.70	1.70	1.70	.031	.009	.009	.009	.85	.89	.86	.90	10,399	9,173	10,716	.265	.247	.211	-.04	-.04	-.05
c. SFdiscuss	743		1.90	2.01	1.93	1.98	.030	.009	.009	.009	.81	.86	.82	.88	10,367	9,152	10,694	.001	.232	.016	-.13	-.05	-.09
d. SFperform	738		1.92	2.10	1.94	2.10	.029	.009	.009	.009	.78	.87	.80	.86	883	9,141	876	.000	.425	.000	-.21	-.03	-.21
4 a. memorize	742		2.98	3.00	2.95	2.97	.028	.008	.009	.008	.76	.79	.80	.80	10,363	893	870	.525	.285	.679	-.02	.04	.01
b. HOapply	741		3.03	3.01	2.99	2.91	.028	.008	.009	.008	.78	.79	.79	.81	10,309	9,121	864	.428	.174	.000	.03	.05	.15
c. HOanalyze	737		2.91	2.95	2.93	2.92	.030	.008	.009	.008	.81	.81	.82	.83	10,268	9,074	10,556	.142	.554	.711	-.06	-.02	-.01
d. HOevaluate	738		2.72	2.84	2.80	2.88	.031	.008	.009	.008	.84	.83	.82	.82	851	864	844	.000	.007	.000	-.15	-.11	-.20
e. HOform	736		2.72	2.86	2.80	2.84	.031	.009	.009	.008	.85	.85	.82	.84	10,230	861	846	.000	.008	.000	-.16	-.11	-.15
5 a. ETgoals	743		3.09	3.14	3.09	3.14	.027	.008	.008	.008	.73	.75	.74	.76	866	9,153	865	.065	.924	.039	-.07	.00	-.08
b. ETorganize	742		2.99	3.08	3.04	3.05	.028	.008	.008	.008	.75	.74	.74	.77	10,310	9,134	10,628	.002	.065	.037	-.12	-.07	-.08
c. ETexample	737		2.99	3.10	3.05	3.05	.027	.008	.009	.008	.74	.78	.78	.82	867	884	874	.000	.042	.036	-.14	-.08	-.07
d. ETdraftfb	739		2.67	2.79	2.70	2.85	.034	.009	.010	.009	.91	.90	.90	.91	10,260	9,112	10,594	.001	.483	.000	-.13	-.03	-.19
e. ETfeedback	733		2.65	2.73	2.64	2.76	.032	.009	.010	.009	.86	.89	.87	.91	10,252	9,077	10,536	.012	.761	.001	-.10	.01	-.12

# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Minnesota Duluth

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UMD		UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	Comparisons with:			Comparisons with:			Comparisons with:		
		UMD												UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison
6 a. QRconclude	742	2.68	2.57	2.56	2.46	.033	.010	.010	.009	.91	.93	.88	.91	10,296	9,139	10,625	.002	.000	.000	.12	.14	.24
b. QRproblem	740	2.32	2.29	2.27	2.21	.034	.009	.010	.009	.93	.93	.89	.92	10,273	863	10,616	.515	.161	.002	.02	.06	.12
c. QRevaluate	739	2.31	2.27	2.27	2.17	.033	.009	.009	.009	.89	.90	.86	.90	10,245	864	10,552	.290	.183	.000	.04	.05	.15
7 a. wrshortnum	704	7.21	6.60	6.82	6.67	.234	.058	.063	.059	6.20	5.45	5.57	5.61	792	809	796	.012	.111	.027	.11	.07	.09
b. wrmednum	692	1.90	1.93	1.81	1.94	.109	.028	.029	.028	2.86	2.60	2.47	2.64	9,157	791	9,471	.731	.437	.671	-.01	.03	-.02
c. wrlongnum	675	.63	.59	.57	.69	.092	.022	.025	.026	2.38	1.98	2.12	2.36	8,908	7,902	9,184	.570	.457	.518	.02	.03	-.03
— wrpages	671	45.20	42.70	42.20	43.82	2.193	.537	.598	.576	56.82	48.54	50.61	52.78	753	773	9,063	.269	.188	.518	.05	.06	.03
8 a. DDrace	713	2.66	3.07	2.78	2.97	.033	.009	.010	.010	.88	.90	.92	.94	9,637	8,537	9,915	.000	.001	.000	-.46	-.13	-.33
b. DDeconomic	712	2.83	3.11	2.93	3.03	.031	.009	.010	.009	.83	.86	.86	.90	9,614	8,513	9,888	.000	.004	.000	-.32	-.11	-.21
c. DDreligion	711	2.83	3.05	2.94	2.99	.033	.010	.010	.010	.88	.91	.90	.93	9,599	8,486	9,864	.000	.003	.000	-.24	-.12	-.17
d. DDpolitical	706	2.85	3.01	2.97	2.96	.034	.010	.010	.010	.89	.91	.89	.93	9,575	8,471	9,829	.000	.000	.001	-.18	-.14	-.13
9 a. LSreading	711	3.04	3.13	3.09	3.09	.029	.008	.009	.008	.76	.76	.76	.76	827	8,487	9,878	.002	.084	.060	-.12	-.07	-.07
b. LSnotes	709	2.78	2.90	2.80	2.92	.034	.009	.010	.009	.91	.89	.90	.90	820	8,462	819	.001	.582	.000	-.13	-.02	-.16
c. LSsummary	703	2.67	2.80	2.74	2.78	.034	.009	.010	.009	.89	.89	.88	.89	9,477	8,385	9,720	.000	.048	.001	-.15	-.08	-.13
10. challenge	712	5.49	5.51	5.57	5.46	.040	.012	.012	.012	1.06	1.14	1.07	1.13	851	8,479	9,836	.637	.060	.481	-.02	-.07	.03
11 a. intern <sup>l</sup>	716	.049	.088	.058	.068	.0081	.0030	.0026	.0026	--	--	--	--	--	--	--	.000	.344	.054	-.15	-.04	-.08
b. leader <sup>l</sup>	714	.086	.121	.122	.113	.0105	.0035	.0037	.0033	--	--	--	--	--	--	--	.007	.005	.032	-.11	-.12	-.09
c. learncom <sup>l</sup>	712	.059	.161	.151	.149	.0089	.0039	.0041	.0037	--	--	--	--	--	--	--	.000	.000	.000	-.33	-.31	-.30
d. abroad <sup>l</sup>	707	.021	.031	.034	.032	.0054	.0019	.0021	.0018	--	--	--	--	--	--	--	.120	.055	.105	-.07	-.08	-.07
e. research <sup>l</sup>	705	.031	.044	.051	.039	.0065	.0022	.0025	.0020	--	--	--	--	--	--	--	.092	.018	.273	-.07	-.10	-.04
f. capstone <sup>l</sup>	704	.038	.027	.017	.022	.0072	.0017	.0015	.0015	--	--	--	--	--	--	--	.081	.000	.007	.06	.13	.09
12. servcourse	700	1.59	1.59	1.53	1.57	.023	.007	.007	.007	.60	.62	.62	.65	9,421	8,393	832	.884	.020	.483	-.01	.09	.03
13 a. QIstudent	709	5.68	5.61	5.63	5.52	.047	.014	.015	.014	1.25	1.31	1.28	1.36	9,518	8,437	846	.167	.373	.001	.05	.03	.12
b. QIadvisor	694	4.96	5.14	5.00	5.13	.063	.018	.019	.018	1.66	1.64	1.66	1.69	9,013	8,260	9,582	.005	.493	.009	-.11	-.03	-.10
c. QIfaculty	705	5.03	5.26	5.14	5.23	.055	.014	.016	.015	1.45	1.35	1.37	1.42	9,419	8,356	9,655	.000	.040	.000	-.17	-.08	-.14
d. QIstaff	666	4.95	5.00	5.07	4.93	.064	.018	.018	.018	1.64	1.60	1.51	1.66	8,670	772	8,950	.369	.061	.858	-.04	-.08	.01
e. QIadmin	637	4.86	4.87	4.90	4.82	.066	.018	.019	.018	1.66	1.62	1.59	1.70	8,668	745	9,206	.921	.637	.533	.00	-.02	.03
14 a. empstudy	681	3.20	3.29	3.22	3.15	.026	.008	.008	.008	.69	.73	.72	.73	810	823	9,113	.002	.673	.070	-.12	-.02	.07
b. SEacademic	680	3.00	3.15	3.05	3.09	.030	.009	.010	.009	.79	.81	.81	.82	801	820	802	.000	.128	.003	-.19	-.06	-.11
c. SElearnsup	681	3.08	3.12	3.07	3.13	.032	.010	.010	.010	.84	.87	.87	.88	806	7,953	806	.240	.801	.160	-.05	.01	-.05



# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Minnesota Duluth

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>i</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UMD	UMD	UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	Comparisons with:			Comparisons with:			Comparisons with:		
														UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison
d. SEdiverse	682	2.57	2.69	2.62	2.65	.036	.011	.011	.011	.93	.97	.95	.97	8,876	7,958	9,082	.002	.232	.030	-.13	-.05	-.09
e. SEsocial	678	2.99	3.02	3.03	2.99	.032	.010	.010	.009	.82	.86	.83	.85	805	7,958	9,067	.302	.230	.779	-.04	-.05	-.01
f. SEwellness	673	3.00	3.07	3.05	2.99	.030	.010	.010	.010	.79	.87	.85	.87	814	824	810	.018	.087	.945	-.09	-.06	.00
g. SEnonacad	670	2.35	2.40	2.35	2.39	.036	.011	.011	.010	.94	.97	.93	.96	8,833	7,898	9,013	.144	.980	.236	-.06	.00	-.05
h. SEactivities	676	2.86	2.88	2.94	2.90	.032	.010	.010	.010	.83	.89	.85	.89	807	7,896	804	.438	.021	.215	-.03	-.09	-.05
i. SEevents	674	2.46	2.54	2.54	2.57	.034	.011	.011	.010	.89	.96	.91	.94	809	7,879	801	.044	.045	.002	-.08	-.08	-.12
15 a. tmprephrs	676	15.13	14.83	15.73	13.53	.295	.090	.098	.087	7.67	8.18	8.32	7.97	807	830	9,059	.328	.051	.000	.04	-.07	.20
b. tmcocurrhrs	672	5.50	4.97	5.50	4.88	.246	.068	.073	.068	6.37	6.09	6.23	6.24	8,809	7,907	9,008	.031	.982	.014	.09	.00	.10
c. tmworkonhrs	678	2.13	2.15	2.76	1.97	.209	.058	.065	.054	5.44	5.25	5.54	4.98	8,813	814	9,046	.911	.004	.440	.00	-.11	.03
d. tmworkoffhrs	671	3.03	3.59	3.24	4.69	.270	.086	.086	.097	6.98	7.75	7.25	8.86	812	7,860	853	.051	.471	.000	-.07	-.03	-.19
— tmworkhrs	670	5.06	5.68	5.92	6.61	.372	.105	.106	.114	9.64	9.40	8.94	10.36	8,750	7,835	799	.097	.017	.000	-.07	-.10	-.15
e. tmservicehrs	662	2.09	1.93	1.88	2.18	.167	.042	.041	.049	4.30	3.80	3.49	4.46	749	744	8,951	.350	.218	.647	.04	.06	-.02
f. tmrelaxhrs	669	14.91	13.62	13.95	13.48	.339	.096	.098	.097	8.76	8.66	8.33	8.85	8,738	785	8,966	.000	.007	.000	.15	.11	.16
g. tmcarehrs	673	1.20	1.43	1.23	2.13	.165	.054	.054	.067	4.29	4.86	4.56	6.06	823	7,841	906	.193	.863	.000	-.05	-.01	-.16
h. tmcommutehrs	672	2.17	3.18	2.95	3.29	.158	.052	.052	.055	4.10	4.66	4.40	5.01	8,744	7,882	841	.000	.000	.000	-.22	-.18	-.23
16. reading	672	2.68	2.79	3.04	2.82	.043	.016	.019	.015	1.10	1.11	1.14	1.10	5,264	4,454	5,740	.016	.000	.001	-.10	-.32	-.13
— tmreadinghrs	669	6.61	6.94	9.09	6.32	.213	.083	.109	.077	5.50	5.58	6.66	5.48	5,233	1,049	5,707	.156	.000	.191	-.06	-.38	.05
17 a. pgwrite	674	2.64	2.75	2.76	2.84	.034	.010	.010	.010	.89	.91	.88	.88	8,770	7,922	784	.003	.001	.000	-.12	-.13	-.23
b. pgspeak	671	2.53	2.62	2.58	2.65	.036	.010	.011	.010	.92	.94	.92	.92	8,730	7,896	9,000	.014	.170	.001	-.10	-.06	-.14
c. pgthink	671	3.02	3.05	3.06	3.04	.031	.009	.009	.009	.80	.81	.80	.81	8,727	7,898	8,998	.321	.211	.646	-.04	-.05	-.02
d. pganalyze	672	2.67	2.62	2.61	2.55	.036	.011	.011	.010	.93	.95	.93	.95	8,707	7,900	9,001	.208	.120	.001	.05	.06	.13
e. pgwork	675	2.50	2.62	2.56	2.52	.035	.011	.011	.011	.92	.96	.93	.97	8,720	7,904	800	.003	.114	.704	-.12	-.06	-.01
f. pgothers	673	2.72	2.84	2.79	2.78	.033	.010	.010	.010	.86	.88	.86	.89	8,724	7,882	8,983	.001	.061	.102	-.13	-.08	-.07
g. pgvalues	672	2.49	2.61	2.58	2.62	.035	.011	.011	.011	.91	.96	.94	.96	801	7,896	797	.001	.012	.000	-.13	-.10	-.14
h. pgdiverse	673	2.48	2.66	2.63	2.66	.035	.011	.011	.010	.92	.94	.92	.95	8,711	7,899	8,992	.000	.000	.000	-.19	-.16	-.19
i. pgprobsolve	673	2.50	2.61	2.54	2.54	.035	.010	.011	.010	.91	.93	.90	.93	8,719	7,895	8,987	.002	.249	.284	-.12	-.05	-.04
j. pgcitizen	668	2.43	2.57	2.56	2.58	.034	.011	.011	.010	.88	.94	.91	.94	799	7,842	793	.000	.001	.000	-.14	-.13	-.16
18. evalexp	677	3.16	3.23	3.24	3.19	.026	.008	.008	.008	.69	.69	.70	.69	796	813	9,021	.010	.004	.243	-.10	-.11	-.05
19. sameinst	676	3.13	3.26	3.27	3.21	.030	.009	.009	.009	.79	.78	.78	.79	788	803	9,023	.000	.000	.011	-.17	-.18	-.10

# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Minnesota Duluth

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UMD	UMD	UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	Comparisons with:			Comparisons with:			Comparisons with:		
														UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison
1 a. askquest	912	2.99	3.12	3.08	3.16	.028	.008	.008	.007	.85	.85	.85	.84	1,056	12,627	1,034	.000	.004	.000	-.15	-.10	-.20
b. drafts	909	2.29	2.35	2.30	2.43	.032	.009	.009	.009	.96	.99	.99	1.01	1,062	12,561	1,051	.059	.862	.000	-.06	-.01	-.14
c. unpreparedr	907	2.87	2.92	2.90	2.98	.025	.007	.007	.007	.76	.78	.79	.77	12,704	12,510	1,038	.091	.296	.000	-.06	-.04	-.14
d. attendart	906	1.79	1.89	1.84	1.94	.029	.008	.008	.008	.88	.91	.87	.95	12,671	12,527	14,252	.002	.083	.000	-.11	-.06	-.16
e. CLaskhelp	904	2.62	2.53	2.54	2.46	.029	.008	.008	.008	.86	.87	.87	.86	12,631	12,507	14,161	.005	.012	.000	.10	.09	.18
f. CLexplain	888	2.88	2.85	2.80	2.81	.027	.007	.008	.007	.79	.79	.81	.81	12,420	1,038	1,019	.262	.002	.011	.04	.11	.09
g. CLstudy	890	2.61	2.57	2.51	2.52	.033	.009	.009	.009	.97	.97	.96	.98	12,426	12,259	13,935	.316	.005	.014	.03	.10	.08
h. CLproject	884	3.09	3.01	2.96	2.93	.027	.008	.008	.008	.80	.86	.87	.87	1,047	1,055	1,031	.008	.000	.000	.09	.15	.18
i. present	888	2.80	2.80	2.68	2.77	.030	.009	.009	.008	.89	.92	.94	.93	12,354	1,046	1,024	.991	.000	.287	.00	.13	.04
2 a. RIntegrate	875	3.03	3.06	3.06	3.04	.026	.008	.008	.007	.77	.81	.80	.82	1,030	1,025	1,014	.206	.166	.519	-.04	-.05	-.02
b. RIsocietal	869	2.70	2.84	2.85	2.86	.029	.008	.008	.008	.84	.89	.88	.89	12,027	11,872	13,496	.000	.000	.000	-.16	-.18	-.19
c. RIdiverse	870	2.41	2.63	2.62	2.67	.032	.009	.009	.008	.94	.96	.95	.94	1,017	11,879	13,492	.000	.000	.000	-.23	-.22	-.28
d. Rlownview	866	2.69	2.83	2.80	2.87	.028	.008	.008	.007	.83	.84	.84	.84	12,014	11,845	13,446	.000	.000	.000	-.17	-.13	-.21
e. Rlperspect	865	2.79	2.94	2.88	2.96	.028	.008	.008	.007	.81	.82	.82	.82	1,007	11,832	987	.000	.001	.000	-.18	-.12	-.21
f. Rlnewview	866	2.87	2.96	2.92	2.95	.027	.008	.007	.007	.79	.79	.78	.80	11,945	11,810	13,411	.002	.078	.005	-.11	-.06	-.10
g. Rlconnect	863	3.18	3.24	3.25	3.26	.024	.007	.007	.007	.71	.73	.72	.73	1,012	1,007	992	.014	.007	.001	-.08	-.09	-.11
3 a. SFcareer	861	2.41	2.44	2.41	2.52	.031	.009	.009	.009	.92	.96	.94	.96	1,012	11,805	994	.301	.876	.000	-.04	-.01	-.12
b. SFotherwork	859	1.98	1.97	1.96	2.04	.035	.010	.010	.009	1.02	1.02	1.00	1.04	11,868	11,765	13,294	.937	.689	.081	.00	.01	-.06
c. SFdiscuss	856	2.30	2.27	2.19	2.32	.030	.009	.009	.008	.88	.94	.92	.95	1,012	11,766	996	.284	.001	.565	.04	.12	-.02
d. SFperform	856	2.13	2.22	2.09	2.31	.029	.009	.008	.008	.85	.93	.87	.93	1,019	11,724	1,001	.003	.186	.000	-.10	.05	-.19
4 a. memorize	859	2.82	2.77	2.70	2.75	.030	.009	.009	.008	.88	.90	.89	.89	1,003	1,003	13,311	.081	.000	.027	.06	.13	.08
b. HOapply	856	3.08	3.15	3.17	3.14	.027	.008	.007	.007	.79	.81	.77	.79	997	11,730	13,294	.008	.001	.015	-.09	-.12	-.09
c. HOanalyze	851	2.98	3.09	3.09	3.09	.027	.008	.008	.007	.80	.84	.82	.82	999	993	976	.000	.000	.000	-.13	-.13	-.13
d. HOevaluate	855	2.74	2.91	2.87	2.97	.030	.008	.008	.008	.87	.88	.87	.85	993	993	967	.000	.000	.000	-.20	-.15	-.27
e. HOform	853	2.83	2.93	2.90	2.99	.029	.008	.008	.008	.83	.86	.86	.83	11,779	11,683	974	.001	.036	.000	-.12	-.07	-.19
5 a. ETgoals	857	3.02	3.19	3.14	3.21	.026	.007	.007	.007	.75	.74	.74	.75	991	991	978	.000	.000	.000	-.23	-.16	-.24
b. ETorganize	854	3.00	3.14	3.11	3.15	.025	.007	.007	.007	.74	.75	.74	.75	994	991	978	.000	.000	.000	-.18	-.14	-.19
c. ETexample	854	3.04	3.18	3.16	3.19	.026	.008	.007	.007	.77	.80	.78	.79	999	995	980	.000	.000	.000	-.17	-.15	-.19
d. ETdraftfb	852	2.64	2.78	2.67	2.85	.031	.009	.009	.008	.89	.95	.95	.94	1,005	1,007	13,250	.000	.378	.000	-.15	-.03	-.22
e. ETfeedback	850	2.73	2.86	2.78	2.91	.029	.008	.008	.008	.84	.89	.88	.88	11,766	11,628	13,195	.000	.131	.000	-.15	-.05	-.20

# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Minnesota Duluth

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UMD	UMD	UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	Comparisons with:			Comparisons with:			Comparisons with:		
														UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison
6 a. QRconclude	860	2.71	2.67	2.69	2.64	.031	.009	.009	.009	.92	.96	.94	.96	1,011	11,739	991	.205	.397	.022	.04	.03	.08
b. QRproblem	855	2.44	2.44	2.44	2.45	.033	.009	.009	.009	.95	.99	.97	.98	1,003	11,689	13,247	.898	.840	.973	.00	.01	.00
c. QRevaluate	853	2.49	2.47	2.48	2.43	.031	.009	.009	.009	.91	.96	.93	.95	1,005	11,680	985	.705	.973	.103	.01	.00	.06
7 a. wrshortnum	811	8.57	8.01	8.16	7.80	.247	.067	.068	.063	7.04	6.75	6.88	6.72	933	10,942	918	.028	.098	.003	.08	.06	.11
b. wrmednum	793	3.31	3.41	3.22	3.35	.135	.040	.038	.037	3.80	3.99	3.76	3.94	10,706	10,725	11,944	.510	.514	.792	-.02	.02	-.01
c. wrlongnum	786	1.92	1.95	1.77	1.86	.114	.033	.031	.032	3.21	3.26	3.11	3.30	10,579	10,562	11,721	.854	.176	.593	-.01	.05	.02
— wrpages	772	78.46	78.06	74.92	75.30	2.703	.803	.784	.775	75.07	78.41	76.72	79.99	10,305	10,350	11,417	.891	.216	.287	.01	.05	.04
8 a. DDrace	827	2.68	3.01	2.82	2.97	.031	.009	.009	.009	.90	.92	.94	.92	11,227	11,175	12,528	.000	.000	.000	-.36	-.15	-.31
b. DDeconomic	827	2.87	3.08	2.94	3.05	.029	.008	.009	.008	.83	.86	.87	.86	11,192	11,165	12,498	.000	.012	.000	-.25	-.09	-.21
c. DDreligion	825	2.84	3.07	2.96	3.02	.031	.009	.009	.008	.88	.91	.91	.91	11,171	11,125	12,458	.000	.000	.000	-.25	-.13	-.20
d. DDpolitical	821	2.94	3.05	3.00	3.04	.031	.009	.009	.008	.89	.89	.88	.89	11,133	11,085	12,419	.000	.050	.002	-.13	-.07	-.11
9 a. LSreading	825	3.04	3.19	3.18	3.24	.028	.008	.008	.007	.81	.79	.80	.77	954	956	933	.000	.000	.000	-.19	-.17	-.26
b. LSnotes	820	2.56	2.81	2.68	2.85	.033	.009	.009	.009	.93	.94	.95	.95	11,117	11,075	12,411	.000	.001	.000	-.27	-.13	-.31
c. LSsummary	814	2.61	2.82	2.74	2.86	.032	.009	.009	.009	.91	.92	.91	.91	11,040	10,962	12,286	.000	.000	.000	-.23	-.14	-.28
10. challenge	820	5.45	5.60	5.52	5.59	.037	.011	.011	.011	1.07	1.14	1.14	1.16	972	11,085	959	.000	.115	.001	-.13	-.06	-.12
11 a. intern <sup>l</sup>	819	.544	.548	.556	.512	.0174	.0049	.0049	.0046	--	--	--	--	--	--	--	.806	.495	.078	-.01	-.02	.06
b. leader <sup>l</sup>	816	.355	.373	.436	.371	.0168	.0048	.0049	.0045	--	--	--	--	--	--	--	.309	.000	.361	-.04	-.17	-.03
c. learncom <sup>l</sup>	813	.251	.229	.259	.246	.0152	.0041	.0043	.0040	--	--	--	--	--	--	--	.144	.614	.730	.05	-.02	.01
d. abroad <sup>l</sup>	816	.168	.143	.195	.141	.0131	.0035	.0039	.0032	--	--	--	--	--	--	--	.045	.060	.029	.07	-.07	.08
e. research <sup>l</sup>	811	.233	.267	.279	.265	.0149	.0044	.0044	.0041	--	--	--	--	--	--	--	.033	.005	.047	-.08	-.10	-.07
f. capstone <sup>l</sup>	813	.387	.546	.481	.496	.0171	.0049	.0049	.0047	--	--	--	--	--	--	--	.000	.000	.000	-.32	-.19	-.22
12. servcourse	820	1.75	1.72	1.70	1.77	.022	.006	.006	.006	.63	.66	.65	.67	969	966	958	.125	.024	.579	.05	.08	-.02
13 a. Qlstudent	821	5.80	5.72	5.76	5.71	.040	.012	.012	.012	1.15	1.25	1.20	1.24	982	11,020	959	.048	.312	.033	.07	.04	.07
b. Qladvisor	811	4.91	5.00	5.08	5.25	.061	.018	.017	.017	1.73	1.79	1.72	1.77	10,902	10,969	12,253	.164	.007	.000	-.05	-.10	-.19
c. Qlfaculty	813	5.39	5.57	5.44	5.62	.044	.013	.013	.012	1.24	1.30	1.29	1.30	11,012	10,993	12,276	.000	.250	.000	-.14	-.04	-.18
d. Qlstaff	729	4.91	4.86	4.97	4.92	.055	.018	.017	.017	1.50	1.63	1.56	1.69	881	9,666	872	.387	.334	.919	.03	-.04	.00
e. Qladmin	763	4.83	4.79	4.92	4.91	.056	.017	.016	.016	1.55	1.69	1.58	1.69	909	10,269	890	.514	.118	.167	.02	-.06	-.05
14 a. empstudy	795	3.18	3.21	3.18	3.12	.025	.008	.008	.007	.71	.74	.75	.75	944	947	11,792	.378	.733	.015	-.03	.01	.09
b. SEacademic	789	2.80	2.96	2.93	2.97	.029	.008	.008	.008	.81	.83	.82	.84	10,483	10,533	11,685	.000	.000	.000	-.20	-.16	-.21
c. SElearnsup	794	2.72	2.83	2.82	2.88	.031	.009	.009	.009	.88	.92	.91	.93	10,502	10,536	11,702	.001	.001	.000	-.12	-.12	-.18

# NSSE 2014 Frequencies and Statistical Comparisons

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

### University of Minnesota Duluth

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UMD	UMD	UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	UMD	UMD Peers	Competitors	National Comparison	Comparisons with:			Comparisons with:			Comparisons with:		
														UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison	UMD Peers	Competitors	National Comparison
d. SEdiverse	795	2.39	2.48	2.43	2.51	.033	.010	.010	.009	.92	.99	.96	.98	948	939	929	.007	.191	.000	-.09	-.05	-.13
e. SEsocial	792	2.83	2.87	2.90	2.89	.030	.009	.009	.009	.83	.89	.86	.89	10,511	10,559	11,714	.200	.019	.073	-.05	-.09	-.07
f. SEwellness	789	2.77	2.85	2.90	2.84	.031	.009	.009	.009	.87	.93	.90	.92	10,470	10,497	11,665	.016	.000	.047	-.09	-.14	-.07
g. SEnonacad	790	1.96	2.01	2.03	2.07	.032	.010	.009	.009	.90	.95	.92	.97	10,462	10,503	928	.119	.045	.001	-.06	-.07	-.11
h. SEactivities	787	2.61	2.65	2.77	2.68	.030	.009	.009	.009	.85	.91	.91	.93	939	10,467	927	.181	.000	.020	-.05	-.18	-.08
i. SEevents	785	2.37	2.38	2.44	2.48	.031	.009	.009	.009	.87	.93	.89	.93	935	10,447	919	.762	.049	.001	-.01	-.07	-.11
15 a. tmprephrs	791	16.23	15.23	15.85	14.69	.311	.090	.091	.084	8.75	8.87	8.95	8.76	10,459	10,514	11,708	.002	.247	.000	.11	.04	.18
b. tmcocurrhrs	787	5.13	4.49	5.05	4.72	.248	.066	.067	.065	6.95	6.48	6.58	6.80	901	10,456	11,662	.014	.744	.103	.10	.01	.06
c. tmworkonhrs	787	4.14	3.67	4.80	3.94	.269	.072	.078	.070	7.56	7.04	7.65	7.29	901	923	11,661	.092	.020	.453	.07	-.09	.03
d. tmworkoffhrs	780	10.78	11.47	10.14	11.73	.406	.125	.119	.122	11.34	12.20	11.69	12.66	932	10,411	925	.106	.142	.026	-.06	.05	-.08
— tmworkhrs	775	14.83	15.00	14.80	15.54	.436	.125	.120	.124	12.14	12.25	11.71	12.84	10,312	10,336	904	.718	.935	.117	-.01	.00	-.06
e. tmservicehrs	774	2.92	2.76	2.68	2.91	.201	.049	.046	.048	5.59	4.83	4.47	4.93	870	855	11,544	.428	.236	.964	.03	.05	.00
f. tmrelaxhrs	782	12.89	11.86	12.20	11.41	.288	.085	.082	.080	8.07	8.35	8.03	8.33	10,397	10,409	906	.001	.020	.000	.12	.09	.18
g. tmcarehrs	780	2.09	4.04	3.27	5.04	.244	.095	.087	.099	6.83	9.29	8.48	10.25	1,031	985	1,052	.000	.000	.000	-.21	-.14	-.29
h. tmcommutehrs	786	3.95	4.61	3.99	4.61	.118	.047	.041	.047	3.30	4.59	4.08	4.94	1,052	992	1,059	.000	.737	.000	-.15	-.01	-.14
16. reading	787	2.77	2.83	2.95	2.89	.045	.016	.018	.014	1.25	1.20	1.23	1.18	993	5,586	956	.212	.000	.012	-.05	-.15	-.10
— tmreadinghrs	783	7.37	7.23	8.15	7.23	.228	.081	.093	.078	6.37	6.12	6.41	6.38	6,516	5,560	7,459	.574	.002	.565	.02	-.12	.02
17 a. pgwrite	789	2.91	2.98	3.00	3.04	.030	.009	.009	.009	.86	.91	.89	.89	940	10,473	11,672	.032	.008	.000	-.08	-.10	-.14
b. pgspeak	784	2.79	2.91	2.88	2.95	.032	.009	.009	.009	.89	.92	.91	.91	10,412	10,430	11,640	.000	.005	.000	-.13	-.10	-.18
c. pgthink	788	3.23	3.31	3.35	3.31	.027	.008	.008	.008	.77	.79	.75	.79	928	10,439	11,619	.007	.000	.009	-.10	-.16	-.10
d. pganalyze	788	2.87	2.81	2.88	2.79	.034	.010	.010	.010	.95	.99	.97	1.00	934	10,444	918	.081	.800	.018	.06	-.01	.08
e. pgwork	788	2.85	2.94	2.99	2.98	.033	.010	.010	.009	.94	.97	.94	.95	10,431	919	11,652	.007	.000	.000	-.10	-.15	-.14
f. pgothers	783	3.02	3.06	3.06	3.07	.031	.009	.009	.008	.86	.86	.86	.87	10,381	10,433	11,599	.128	.197	.075	-.06	-.05	-.07
g. pgvalues	786	2.58	2.72	2.73	2.79	.034	.010	.010	.010	.96	1.01	.98	1.01	10,399	10,440	11,622	.000	.000	.000	-.13	-.15	-.20
h. pgdiverse	788	2.50	2.71	2.69	2.77	.033	.010	.010	.009	.94	.99	.95	.98	936	10,441	11,626	.000	.000	.000	-.22	-.20	-.27
i. pgprobsolve	787	2.72	2.80	2.82	2.80	.033	.010	.009	.009	.92	.97	.93	.96	10,424	10,435	11,624	.022	.003	.013	-.09	-.11	-.09
j. pgcitizen	784	2.50	2.63	2.67	2.71	.033	.010	.010	.009	.91	.99	.96	.98	940	10,415	918	.000	.000	.000	-.13	-.18	-.22
18. evalexp	789	3.14	3.27	3.32	3.28	.024	.008	.007	.007	.68	.74	.72	.73	947	937	921	.000	.000	.000	-.18	-.25	-.19
19. sameinst	789	3.09	3.24	3.30	3.24	.028	.008	.008	.008	.78	.83	.80	.83	941	927	923	.000	.000	.000	-.19	-.27	-.18

### Endnotes

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