



NSSE 2018

Frequencies and Statistical Comparisons

University of Minnesota Duluth

NSSE 2018 Frequencies and Statistical Comparisons

About This Report

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

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

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

- 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 2018 Frequencies and Statistical Comparisons
NSSEville State University

Seniors ← 1

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b								
				NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE 2017 & 2018		NSSEville State	Admissions Overlap	Carnegie UG Program	NSSE 2017 & 2018	Effect size ^e	Effect size ^e	Effect size ^e	Effect size ^e	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	
6. During the current school year, about how often have you done the following?																				
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	▲	
		2	Sometimes	152	20	4,397	27	845	29	75,222	33									
		3	Often	212	33	5,947	37	1,086	38	81,724	35									
		4	Very often	280	46	5,440	34	889	31	66,983	29									
			Total	630	100	16,028	100	2,874	100	230,881	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	▼	
		2	Sometimes	267	42	5,959	37	978	34	79,495	34									
		3	Often	164	26	4,548	29	8	1	7,348	29									
		4	Very often	113	19	3,072	20	6	21	47,208	21									
			Total	626	100	15,946	100	2,858	100	229,541	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06	▲	
		2	Sometimes	56	9	1,666	11	262	10	28,134	13									
		3	Often	384	63	9,147	57	1,586	57	128,802	56									
		4	Very often	150	24	4,267	27	851	29	58,873	26									
			Total	615	100	15,858	100	2,833	100	228,352	100									

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

8. **Key to symbols:**

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

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

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	40	5	172	4	101	3	133	3	2.6	2.7 *** ▽	-0.16	2.7 *** ▽	-0.17	2.8 *** ▽	-0.32	
		2	Sometimes	422	47	1,858	41	1,526	42	1,878	36								
		3	Often	312	35	1,592	35	1,263	36	1,951	37								
		4	Very often	124	14	917	20	671	19	1,304	25								
		Total		898	100	4,539	100	3,561	100	5,266	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	193	21	842	19	554	16	940	18	2.3	2.4	-0.06	2.5 *** ▽	-0.15	2.4 *** ▽	-0.12	
		2	Sometimes	335	37	1,705	38	1,329	38	1,953	37								
		3	Often	262	29	1,324	30	1,058	30	1,485	29								
		4	Very often	107	12	636	13	593	16	859	16								
		Total		897	100	4,507	100	3,534	100	5,237	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	39	4	248	6	166	5	218	5	3.0	3.0	.04	3.0	-0.05	3.1 * ▽	-0.09	
		2	Often	129	14	677	15	457	13	636	13								
		3	Sometimes	522	59	2,568	57	2,000	57	2,896	56								
		4	Never	202	22	1,017	22	915	26	1,477	27								
		Total		892	100	4,510	100	3,538	100	5,227	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	394	45	1,474	35	1,210	35	1,880	37	1.8	1.9 *** ▽	-0.19	1.9 *** ▽	-0.19	1.9 *** ▽	-0.18	
		2	Sometimes	351	39	1,919	42	1,521	42	2,098	40								
		3	Often	101	11	763	16	601	17	829	15								
		4	Very often	50	5	350	7	206	6	413	8								
		Total		896	100	4,506	100	3,538	100	5,220	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	48	5	288	7	184	6	295	6	2.7	2.7	.03	2.7	.05	2.7 * △	.08	
		2	Sometimes	305	34	1,558	34	1,243	37	1,953	38								
		3	Often	369	41	1,785	39	1,444	40	2,034	39								
		4	Very often	174	19	862	20	663	18	933	17								
		Total		896	100	4,493	100	3,534	100	5,215	100								
f. Explained course material to one or more students	CLexplain	1	Never	28	3	164	4	114	4	173	3	2.8	2.8	-0.03	2.7	.04	2.7	.01	
		2	Sometimes	315	35	1,589	35	1,286	37	1,907	37								
		3	Often	394	44	1,853	41	1,542	43	2,164	42								
		4	Very often	156	18	882	21	591	16	958	18								
		Total		893	100	4,488	100	3,533	100	5,202	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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University of Minnesota Duluth

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				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	105	12	537	12	400	12	589	12	2.6	2.6	.00	2.6	.06	2.6	.01	
		2	Sometimes	299	33	1,576	34	1,302	37	1,862	36								
		3	Often	330	37	1,473	33	1,185	33	1,747	34								
		4	Very often	158	18	881	20	637	17	974	19								
		Total		892	100	4,467	100	3,524	100	5,172	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	40	4	233	6	156	5	276	6	2.7	2.7	-.01	2.7	.02	2.7	.01	
		2	Sometimes	328	37	1,694	37	1,332	38	1,899	37								
		3	Often	382	43	1,710	39	1,443	41	2,093	41								
		4	Very often	137	15	811	18	580	16	882	17								
		Total		887	100	4,448	100	3,511	100	5,150	100								
i. Given a course presentation	present	1	Never	216	25	855	20	737	21	942	19	2.1	2.2 ***	-0.18	2.2 ***	-0.17	2.3 ***	-0.27	
		2	Sometimes	448	50	2,071	47	1,609	46	2,222	43								
		3	Often	174	19	1,126	25	861	25	1,412	27								
		4	Very often	52	6	392	8	310	9	573	11								
		Total		890	100	4,444	100	3,517	100	5,149	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	44	5	355	8	249	7	394	8	2.6	2.5	.05	2.6	.05	2.6	.03	
		2	Sometimes	375	43	1,776	41	1,439	42	2,038	40								
		3	Often	346	39	1,698	38	1,378	39	1,970	39								
		4	Very often	112	12	558	13	418	12	680	13								
		Total		877	100	4,387	100	3,484	100	5,082	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	84	10	459	12	290	9	478	10	2.4	2.5	-.04	2.5 *	-.09	2.5 **	-.11	
		2	Sometimes	409	47	1,735	41	1,478	43	1,953	39								
		3	Often	284	32	1,589	35	1,268	36	1,910	37								
		4	Very often	101	11	563	12	434	12	705	14								
		Total		878	100	4,346	100	3,470	100	5,046	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	132	16	510	13	375	11	513	11	2.4	2.5 *	-.08	2.5 **	-.10	2.5 ***	-.15	
		2	Sometimes	355	41	1,749	41	1,472	43	1,981	39								
		3	Often	286	32	1,446	33	1,164	33	1,786	35								
		4	Very often	102	11	620	13	452	13	733	14								
		Total		875	100	4,325	100	3,463	100	5,013	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD	UMD Peers	UMD Competitors	NSSE Carnegie				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	44	5	229	6	173	5	262	5	2.7	2.7	-.04	2.7	.00	2.7	-.05	
		2	Sometimes	311	36	1,489	35	1,273	36	1,679	33								
		3	Often	401	46	1,866	44	1,547	46	2,301	47								
		4	Very often	112	13	698	16	452	13	722	15								
		Total		868	100	4,282	100	3,445	100	4,964	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	23	3	121	3	110	3	160	3	2.9	2.9	-.01	2.8	.06	2.9	.02	
		2	Sometimes	245	29	1,217	29	1,052	30	1,402	29								
		3	Often	407	47	1,945	46	1,620	47	2,305	47								
		4	Very often	184	21	957	22	646	19	1,045	21								
		Total		859	100	4,240	100	3,428	100	4,912	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	30	4	131	4	88	3	140	3	2.8	2.8	-.01	2.8	-.02	2.8	-.06	
		2	Sometimes	263	31	1,302	32	1,082	32	1,473	31								
		3	Often	418	48	1,946	46	1,624	47	2,325	47								
		4	Very often	143	16	808	18	609	17	927	19								
		Total		854	100	4,187	100	3,403	100	4,865	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	12	1	58	2	44	1	58	1	3.0	3.0	.01	3.0	.06	3.0	-.01	
		2	Sometimes	160	19	894	22	739	23	972	21								
		3	Often	486	57	2,127	52	1,844	54	2,576	53								
		4	Very often	191	22	1,068	25	756	22	1,214	25								
		Total		849	100	4,147	100	3,383	100	4,820	100								
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	185	23	839	22	556	17	782	17	2.2	2.2 *	-.07	2.3 ***	-.16	2.4 ***	-.21	
		2	Sometimes	389	46	1,781	44	1,591	46	2,087	43								
		3	Often	203	23	1,025	23	833	24	1,286	27								
		4	Very often	70	8	508	11	415	12	664	13								
		Total		847	100	4,153	100	3,395	100	4,819	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	426	50	2,021	49	1,631	47	2,213	46	1.7	1.7	-.03	1.8 *	-.09	1.8 **	-.12	
		2	Sometimes	269	32	1,327	32	1,111	33	1,592	33								
		3	Often	116	14	576	13	459	14	725	16								
		4	Very often	33	4	213	5	184	6	274	6								
		Total		844	100	4,137	100	3,385	100	4,804	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	286	34	1,297	32	1,043	31	1,410	30	1.9	2.0	-.07	2.0 *	-.08	2.0 ***	-.14	
		2	Sometimes	382	45	1,859	45	1,556	46	2,126	44								
		3	Often	133	16	725	18	600	18	936	20								
		4	Very often	39	5	238	5	168	5	299	6								
		Total		840	100	4,119	100	3,367	100	4,771	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	285	34	1,074	27	934	27	1,085	22	1.9	2.1 ***	-.18	2.0 ***	-.16	2.2 ***	-.30	
		2	Sometimes	383	46	1,937	48	1,608	47	2,239	47								
		3	Often	135	16	807	19	635	20	1,068	23								
		4	Very often	37	4	284	6	188	6	357	8								
		Total		840	100	4,102	100	3,365	100	4,749	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	12	1	119	3	61	2	90	2	3.0	2.9 *	.07	2.9 *	.08	3.0	.02	
		2	Some	191	23	992	25	811	26	1,106	24								
		3	Quite a bit	419	50	1,962	48	1,647	49	2,315	49								
		4	Very much	216	25	1,022	24	843	23	1,228	25								
		Total		838	100	4,095	100	3,362	100	4,739	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	22	3	123	3	79	2	136	3	2.9	2.9	-.02	2.9	.03	2.9	.00	
		2	Some	199	24	1,006	24	842	26	1,169	25								
		3	Quite a bit	434	52	1,994	49	1,696	51	2,328	49								
		4	Very much	182	21	958	24	741	21	1,088	23								
		Total		837	100	4,081	100	3,358	100	4,721	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	29	3	148	4	115	4	169	4	2.8	2.8	-.01	2.8	.02	2.9	-.07	
		2	Some	239	29	1,187	30	965	30	1,213	26								
		3	Quite a bit	401	48	1,824	44	1,574	47	2,226	47								
		4	Very much	166	20	897	22	689	20	1,078	23								
		Total		835	100	4,056	100	3,343	100	4,686	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	52	6	210	6	146	5	164	4	2.7	2.8 *	-.08	2.8 *	-.10	2.9 ***	-.20	
		2	Some	263	32	1,239	31	1,011	31	1,285	28								
		3	Quite a bit	391	47	1,791	44	1,559	47	2,209	47								
		4	Very much	128	15	799	19	624	18	1,011	22								
		Total		834	100	4,039	100	3,340	100	4,669	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	42	5	191	5	153	5	184	4	2.7	2.8 **	-0.11	2.8 *	-0.07	2.9 ***	-0.17	
		2	Some	273	33	1,177	29	1,020	31	1,303	28								
		3	Quite a bit	396	47	1,838	46	1,544	47	2,151	46								
		4	Very much	120	14	812	20	618	18	996	21								
		Total		831	100	4,018	100	3,335	100	4,634	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	10	1	83	2	56	2	100	2	3.0	3.0	.02	3.0	-0.03	3.1	-0.05	
		2	Some	157	19	836	21	658	20	886	19								
		3	Quite a bit	475	57	2,022	51	1,711	51	2,282	49								
		4	Very much	188	23	1,070	26	908	27	1,334	29								
		Total		830	100	4,011	100	3,333	100	4,602	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	19	2	128	3	80	3	119	3	2.9	2.9	-0.01	3.0	-0.06	3.0 **	-0.11	
		2	Some	195	23	908	23	697	21	951	21								
		3	Quite a bit	444	53	2,020	51	1,718	51	2,287	49								
		4	Very much	176	21	948	23	829	25	1,235	27								
		Total		834	100	4,004	100	3,324	100	4,592	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	20	2	130	4	100	3	147	3	3.0	3.0	.03	3.0	.03	3.0	-0.02	
		2	Some	184	22	909	23	750	23	1,002	22								
		3	Quite a bit	412	50	1,919	48	1,583	47	2,135	47								
		4	Very much	212	26	1,044	26	888	26	1,298	28								
		Total		828	100	4,002	100	3,321	100	4,582	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	63	7	426	11	275	8	356	8	2.7	2.6 *	.07	2.7	-0.01	2.8 *	-0.08	
		2	Some	271	33	1,319	33	1,118	34	1,432	31								
		3	Quite a bit	358	43	1,499	37	1,284	39	1,824	40								
		4	Very much	135	16	749	18	643	20	974	22								
		Total		827	100	3,993	100	3,320	100	4,586	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	76	9	390	10	311	9	417	9	2.6	2.6	-0.03	2.6	-0.07	2.7 **	-0.12	
		2	Some	322	39	1,424	37	1,172	34	1,559	34								
		3	Quite a bit	330	40	1,550	38	1,341	42	1,795	40								
		4	Very much	102	13	614	15	487	15	788	18								
		Total		830	100	3,978	100	3,311	100	4,559	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	82	9	436	10	342	9	498	10	2.6	2.6	.05	2.5 *	.09	2.6 *	.07	
		2	Sometimes	301	36	1,533	37	1,347	40	1,746	38								
		3	Often	310	38	1,450	38	1,231	39	1,688	38								
		4	Very often	131	16	531	14	385	12	583	14								
		Total		824	100	3,950	100	3,305	100	4,515	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	175	21	845	21	667	19	994	21	2.3	2.2	.02	2.3	.00	2.3	-.01	
		2	Sometimes	338	41	1,710	43	1,475	44	1,847	41								
		3	Often	233	29	1,012	26	893	28	1,240	28								
		4	Very often	71	9	366	10	261	9	422	10								
		Total		817	100	3,933	100	3,296	100	4,503	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	150	18	771	18	591	17	901	19	2.3	2.3	.00	2.3	.01	2.3	.00	
		2	Sometimes	365	44	1,768	44	1,539	46	1,955	43								
		3	Often	248	31	1,090	29	970	30	1,280	30								
		4	Very often	54	7	317	8	208	7	360	8								
		Total		817	100	3,946	100	3,308	100	4,496	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	65	8	196	5	155	5	222	5	6.9	6.6	.05	6.6	.06	6.4 *	.08	
		1.5	1-2	155	19	818	21	705	23	879	21								
		4	3-5	229	28	1,183	32	970	30	1,385	32								
		8	6-10	180	22	821	23	734	24	1,060	24								
		13	11-15	101	12	352	10	294	10	423	9								
		18	16-20	46	6	144	4	127	4	196	4								
		23	More than 20	38	5	162	5	128	4	182	4								
Total		814	100	3,676	100	3,113	100	4,347	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	332	41	1,362	36	1,014	33	1,490	36	1.8	2.0	-.05	2.3 ***	-.16	2.2 **	-.11	
		1.5	1-2	320	40	1,479	40	1,254	39	1,675	38								
		4	3-5	103	13	589	17	562	18	797	18								
		8	6-10	40	5	175	5	182	7	266	6								
		13	11-15	10	1	39	1	58	2	70	2								
		18	16-20	3	0	13	0	18	1	21	0								
		23	More than 20	3	0	15	0	12	0	15	0								
Total		811	100	3,672	100	3,100	100	4,334	100										

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NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. 11 pages or more	wrlongnum	0	None	680	83	2,904	77	2,507	79	3,392	79	.6	.7	-.05	.8 *	-.08	.7	-.03	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	93	12	579	17	437	14	704	15								
		4	3-5	14	2	93	3	54	2	123	3								
		8	6-10	16	2	46	1	53	2	63	2								
		13	11-15	5	1	27	1	32	1	32	1								
		18	16-20	3	0	8	0	9	0	13	0								
		23	More than 20	2	0	15	0	11	1	9	0								
	Total			813	100	3,672	100	3,103	100	4,336	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.)									44.1	46.0	-.03	50.5 **	-.09	46.6	-.04	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	53	7	188	5	198	6	207	5	2.7	2.9 ***	-.25	2.7	.00	2.9 ***	-.25	
		2	Sometimes	302	37	1,082	28	1,218	39	1,312	30								
		3	Often	270	33	1,231	34	970	32	1,435	33								
		4	Very often	185	23	1,160	32	715	23	1,374	32								
		Total		810	100	3,661	100	3,101	100	4,328	100								
b. People from an economic background other than your own	DDeconomic	1	Never	31	4	146	4	141	5	185	4	2.9	3.0 ***	-.13	2.8	.05	3.0 ***	-.16	
		2	Sometimes	258	32	965	26	1,000	32	1,057	24								
		3	Often	318	39	1,431	40	1,248	41	1,722	39								
		4	Very often	201	25	1,105	30	706	22	1,351	32								
		Total		808	100	3,647	100	3,095	100	4,315	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	43	5	195	5	184	6	237	6	2.8	2.9 ***	-.13	2.8	.02	3.0 ***	-.13	
		2	Sometimes	260	32	999	27	977	32	1,140	26								
		3	Often	289	35	1,284	36	1,140	37	1,540	35								
		4	Very often	217	27	1,173	32	795	26	1,393	33								
		Total		809	100	3,651	100	3,096	100	4,310	100								
d. People with political views other than your own	DDpolitical	1	Never	35	4	209	6	114	4	185	5	2.8	2.9 *	-.08	2.9 ***	-.13	3.0 ***	-.21	
		2	Sometimes	268	33	1,047	28	832	27	1,066	24								
		3	Often	305	38	1,289	36	1,188	38	1,604	36								
		4	Very often	201	25	1,109	30	964	30	1,464	35								
		Total		809	100	3,654	100	3,098	100	4,319	100								

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NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		Your first-year students compared with							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	18	2	72	3	47	2	59	2	2.9	2.9	-0.05	2.9	-0.06	3.0 ***	-0.17	
		2	Sometimes	207	27	914	26	733	26	947	23								
		3	Often	421	52	1,803	49	1,589	51	2,110	49								
		4	Very often	158	19	833	22	717	21	1,181	27								
		Total		804	100	3,622	100	3,086	100	4,297	100								
b. Reviewed your notes after class	LSnotes	1	Never	62	8	216	6	186	7	197	5	2.7	2.8 *	-0.08	2.8	-0.03	2.9 ***	-0.18	
		2	Sometimes	273	34	1,139	33	978	33	1,224	29								
		3	Often	281	35	1,300	35	1,156	37	1,639	38								
		4	Very often	189	23	971	26	768	23	1,234	28								
		Total		805	100	3,626	100	3,088	100	4,294	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	67	8	250	7	224	7	269	6	2.6	2.7 *	-0.08	2.7	-0.04	2.8 ***	-0.19	
		2	Sometimes	291	36	1,200	34	1,039	35	1,285	30								
		3	Often	311	39	1,425	39	1,262	41	1,718	40								
		4	Very often	135	17	741	19	549	17	1,010	23								
		Total		804	100	3,616	100	3,074	100	4,282	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	3	0	23	1	21	1	21	1	5.3	5.3	-0.01	5.3	.01	5.4 *	-0.08	
		2		6	1	29	1	35	1	40	1								
		3		30	4	149	4	123	5	158	4								
		4		93	12	448	13	366	13	480	12								
		5		330	41	1,313	36	1,098	36	1,514	35								
		6		223	28	951	26	844	26	1,177	27								
		7	Very much	118	14	696	19	585	18	873	20								
		Total		803	100	3,609	100	3,072	100	4,263	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		78	10	406	12	373	13	429	11	5%	9% ***	-0.16	5%	.00	6%	-0.05	
		Do not plan to do		37	5	150	4	148	5	155	4								
		Plan to do		645	80	2,716	75	2,403	77	3,425	79								
		Done or in progress		41	5	322	9	150	5	255	6								
		Total		801	100	3,594	100	3,074	100	4,264	100								

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NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD	UMD Peers	UMD Competitors	NSSE Carnegie				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
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	249	31	1,002	28	894	29	1,050	25	9%	12% **	-0.12	10%	-0.06	12% *	-0.10	
			Do not plan to do	175	22	783	22	728	24	821	20								
			Plan to do	307	38	1,376	37	1,139	37	1,895	43								
			Done or in progress	69	9	420	12	304	10	493	12								
			Total	800	100	3,581	100	3,065	100	4,259	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	298	37	1,156	32	1,019	32	1,424	34	5%	14% ***	-0.31	9% ***	-0.17	10% ***	-0.19	
			Do not plan to do	254	32	1,079	32	981	32	1,262	29								
			Plan to do	207	26	874	23	786	27	1,123	27								
			Done or in progress	39	5	457	14	266	9	427	10								
			Total	798	100	3,566	100	3,052	100	4,236	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	222	28	1,078	30	904	30	1,127	27	2%	3%	-0.05	3%	-0.07	3%	-0.02	
			Do not plan to do	217	28	971	28	824	28	1,051	26								
			Plan to do	338	41	1,416	39	1,239	39	1,954	44								
			Done or in progress	18	2	100	3	93	3	111	3								
			Total	795	100	3,565	100	3,060	100	4,243	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	326	41	1,407	39	1,212	39	1,642	38	3%	3%	-0.04	4%	-0.06	3%	-0.04	
			Do not plan to do	178	22	871	23	825	26	1,043	25								
			Plan to do	275	34	1,173	34	924	31	1,429	34								
			Done or in progress	20	3	113	3	96	4	131	3								
			Total	799	100	3,564	100	3,057	100	4,245	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	306	38	1,080	29	1,205	39	1,328	31	2%	1%	.04	1% *	.08	2%	.03	
			Do not plan to do	93	12	315	9	362	12	389	10								
			Plan to do	383	48	2,124	60	1,464	48	2,462	57								
			Done or in progress	15	2	47	1	25	1	59	2								
			Total	797	100	3,566	100	3,056	100	4,238	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse	1	None	432	54	1,783	50	1,456	47	2,247	52	1.5	1.6	-0.06	1.6 ***	-0.15	1.6	-0.05	
			2	Some	315	39	1,534	43	1,338	44	1,664								40
			3	Most	44	6	191	5	222	8	267								7
			4	All	8	1	38	1	34	2	50								1
			Total	799	100	3,546	100	3,050	100	4,228	100								

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NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		Your first-year students compared with							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
				13. Indicate the quality of your interactions with the following people at your institution.															
a. Students	QIstudent	1	Poor	6	1	39	1	19	1	51	1	5.4	5.4	.03	5.4	.02	5.5	-.02	
				15	2	51	1	55	2	83	2								
				35	4	198	6	156	6	183	5								
				84	10	442	13	329	11	489	11								
				265	33	1,004	27	917	30	1,161	27								
				214	27	1,014	28	897	29	1,216	28								
				176	22	782	22	656	21	1,014	25								
				—	Not applicable	3	0	15	0	14	1								20
Total				798	100	3,545	100	3,043	100	4,217	100								
b. Academic advisors	QIadvisor	1	Poor	18	2	105	3	87	3	163	4	5.1	5.2	-.05	5.1	.00	5.2	-.05	
				43	5	151	4	157	5	190	4								
				56	7	254	7	272	9	353	8								
				113	14	504	14	419	14	564	13								
				205	26	720	20	675	22	856	20								
				179	22	730	21	660	22	885	21								
				175	22	907	25	738	24	1,155	28								
				—	Not applicable	9	1	169	6	34	1								49
Total				798	100	3,540	100	3,042	100	4,215	100								
c. Faculty	QIfaculty	1	Poor	9	1	50	2	25	1	45	1	5.2	5.1	.04	5.2	-.01	5.3 *	-.09	
				21	3	93	3	73	2	108	3								
				53	7	223	7	170	6	215	5								
				105	13	605	18	464	15	595	14								
				249	31	1,016	28	961	31	1,231	29								
				238	30	914	26	845	28	1,198	28								
				114	15	603	17	487	16	808	20								
				—	Not applicable	7	1	27	1	11	0								15
Total				796	100	3,531	100	3,036	100	4,215	100								

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	20	3	108	3	66	2	112	3	5.1	5.0	.07	5.1	.01	5.1	-.02	
		2		30	4	133	4	103	3	177	4								
		3		48	6	278	8	221	7	294	7								
		4		109	14	521	15	442	15	628	15								
		5		197	25	858	24	752	25	916	21								
		6		212	26	777	21	753	24	991	23								
		7	Excellent	129	16	584	17	525	17	848	21								
		—	Not applicable	49	6	268	8	167	6	247	6								
	Total	794	100	3,527	100	3,029	100	4,213	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	16	2	108	3	80	3	146	4	5.0	4.9	.07	5.0	-.01	5.0	-.01	
		2		35	5	169	5	126	4	180	4								
		3		54	7	255	7	219	7	286	7								
		4		126	16	566	16	476	15	663	15								
		5		202	25	851	24	732	24	938	22								
		6		166	21	722	20	696	23	852	20								
		7	Excellent	122	15	557	15	505	17	759	18								
		—	Not applicable	72	9	307	10	207	7	385	9								
	Total	793	100	3,535	100	3,041	100	4,209	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	6	1	45	2	38	1	41	1	3.0	3.2 ***	-0.17	3.0	-0.01	3.1 ***	-0.14	
		2	Some	151	19	602	16	530	19	666	16								
		3	Quite a bit	441	56	1,626	47	1,560	53	2,094	51								
		4	Very much	194	24	1,163	35	845	26	1,344	32								
			Total	792	100	3,436	100	2,973	100	4,145	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	19	2	110	3	90	3	122	3	3.0	3.0	-0.07	2.9	.03	3.1 ***	-0.14	
		2	Some	177	23	700	21	663	23	760	19								
		3	Quite a bit	410	52	1,619	47	1,453	50	1,883	46								
		4	Very much	186	23	999	29	759	23	1,364	32								
			Total	792	100	3,428	100	2,965	100	4,129	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	46	6	182	6	157	6	188	5	3.0	3.0	-0.05	3.0	.03	3.1 ***	-0.16	
		2	Some	149	19	622	19	593	21	671	16								
		3	Quite a bit	356	45	1,469	43	1,272	44	1,668	41								
		4	Very much	238	30	1,146	33	942	30	1,600	38								
			Total	789	100	3,419	100	2,964	100	4,127	100								

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University of Minnesota Duluth

First-Year Students

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD	UMD Peers	UMD Competitors	NSSE Carnegie			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	92	12	372	12	354	12	453	11	2.7	2.7	.01	2.6	.06	2.7	-.04
		2	Some	219	28	1,004	30	939	31	1,192	29							
		3	Quite a bit	302	39	1,248	36	1,100	38	1,446	35							
		4	Very much	173	22	787	23	566	19	1,035	25							
		Total		786	100	3,411	100	2,959	100	4,126	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	30	4	150	5	115	4	145	4	3.0	2.9	.05	2.9	.07	3.0 **	-.10
		2	Some	175	23	815	25	748	26	860	21							
		3	Quite a bit	377	48	1,507	45	1,376	47	1,789	43							
		4	Very much	207	26	935	26	715	23	1,325	32							
		Total		789	100	3,407	100	2,954	100	4,119	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	32	4	186	6	147	5	203	5	2.9	2.9	.02	2.9	.03	3.0 *	-.08
		2	Some	188	24	770	23	656	23	876	21							
		3	Quite a bit	357	46	1,493	44	1,376	47	1,723	42							
		4	Very much	208	26	954	27	774	25	1,311	32							
		Total		785	100	3,403	100	2,953	100	4,113	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	177	22	750	23	607	20	845	20	2.2	2.3	-.02	2.3 **	-.10	2.4 ***	-.17
		2	Some	318	41	1,350	40	1,116	37	1,457	35							
		3	Quite a bit	218	28	942	27	924	32	1,194	30							
		4	Very much	68	9	368	10	308	10	610	15							
		Total		781	100	3,410	100	2,955	100	4,106	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	52	7	269	9	197	7	264	7	2.7	2.7	.01	2.8	-.07	2.9 ***	-.20
		2	Some	252	32	1,015	31	837	29	1,031	26							
		3	Quite a bit	352	45	1,421	42	1,314	45	1,717	41							
		4	Very much	128	16	694	19	598	19	1,091	27							
		Total		784	100	3,399	100	2,946	100	4,103	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	138	18	473	15	389	13	499	13	2.4	2.4 *	-.08	2.5 ***	-.17	2.6 ***	-.25
		2	Some	312	40	1,292	39	1,085	37	1,451	35							
		3	Quite a bit	255	32	1,159	33	1,077	37	1,402	34							
		4	Very much	81	10	472	12	392	13	754	18							
		Total		786	100	3,396	100	2,943	100	4,106	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD	UMD Peers	UMD Competitors	NSSE Carnegie			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	2	0	12	0	2	0	13	0	15.4	15.3	.01	14.8	.07	14.8 *	.07
		3	1-5 hrs	59	8	399	11	269	10	394	10							
		8	6-10 hrs	155	20	785	21	657	23	886	22							
		13	11-15 hrs	193	25	703	20	688	23	995	25							
		18	16-20 hrs	201	25	683	21	663	22	822	19							
		23	21-25 hrs	98	13	421	13	364	12	541	13							
		28	26-30 hrs	39	5	221	7	171	5	220	5							
		33	More than 30 hrs	39	5	171	6	124	4	217	5							
	Total	786	100	3,395	100	2,938	100	4,088	100									
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	176	22	1,009	30	771	26	825	22	5.4	5.4	.00	5.6	-.04	6.4 ***	-.15
		3	1-5 hrs	356	46	1,238	36	1,233	40	1,608	37							
		8	6-10 hrs	124	16	577	17	463	16	826	20							
		13	11-15 hrs	66	9	286	8	227	8	405	11							
		18	16-20 hrs	34	4	141	5	119	5	225	6							
		23	21-25 hrs	17	2	68	2	61	3	128	3							
		28	26-30 hrs	3	0	29	1	28	1	36	1							
		33	More than 30 hrs	7	1	28	1	28	1	34	1							
	Total	783	100	3,376	100	2,930	100	4,087	100									
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	624	80	2,606	79	2,248	75	3,267	81	1.9	2.4 **	-.09	2.8 ***	-.16	2.0	-.02
		3	1-5 hrs	35	4	117	3	149	5	204	4							
		8	6-10 hrs	63	8	282	7	245	8	307	7							
		13	11-15 hrs	45	6	232	6	157	6	171	4							
		18	16-20 hrs	11	1	101	3	105	4	94	2							
		23	21-25 hrs	5	1	31	1	30	1	44	1							
		28	26-30 hrs	0	0	9	0	4	0	6	0							
		33	More than 30 hrs	1	0	9	0	6	0	4	0							
	Total	784	100	3,387	100	2,944	100	4,097	100									

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NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	610	78	2,352	72	2,007	67	3,138	75	3.1	4.4 *** ▽	-0.16	4.9 *** ▽	-0.22	3.9 ** ▽	-0.10	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	32	4	148	4	143	5	158	4								
	8	6-10 hrs	25	3	182	5	183	6	170	4									
	13	11-15 hrs	47	6	207	5	215	8	175	5									
	18	16-20 hrs	42	5	216	6	207	8	197	5									
	23	21-25 hrs	19	2	127	4	108	4	135	3									
	28	26-30 hrs	7	1	61	2	43	2	60	2									
	33	More than 30 hrs	5	1	88	3	33	1	65	2									
	Total			787	100	3,381	100	2,939	100	4,098	100								
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											4.9	6.8 *** ▽	-0.19	7.7 *** ▽	-0.27	5.8 ** ▽	-0.10	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	526	68	2,048	63	1,757	60	2,366	59	1.8	2.0	-0.04	2.3 ** ▽	-0.11	2.1 * ▽	-0.08	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	186	23	1,016	28	915	29	1,346	31								
	8	6-10 hrs	37	5	177	5	136	5	209	5									
	13	11-15 hrs	15	2	66	2	51	2	85	2									
	18	16-20 hrs	7	1	30	1	33	1	42	1									
	23	21-25 hrs	7	1	23	1	27	1	31	1									
	28	26-30 hrs	3	0	7	0	9	0	2	0									
	33	More than 30 hrs	1	0	9	0	7	0	7	0									
	Total			782	100	3,376	100	2,935	100	4,088	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	6	1	43	2	32	1	49	1	14.9	14.0 ** △	.10	13.6 *** △	.15	13.1 *** △	.21	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	83	10	539	15	493	16	708	17								
	8	6-10 hrs	189	24	860	24	756	24	1,150	27									
	13	11-15 hrs	185	24	746	22	677	23	922	23									
	18	16-20 hrs	152	20	544	16	489	17	598	15									
	23	21-25 hrs	79	10	253	8	199	7	274	7									
	28	26-30 hrs	29	4	123	4	85	3	132	3									
	33	More than 30 hrs	63	8	267	9	207	8	255	7									
	Total			786	100	3,375	100	2,938	100	4,088	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	712	90	2,849	85	2,522	84	3,474	84	.8	1.4 *** ▽	-0.13	1.6 *** ▽	-0.16	1.6 *** ▽	-0.17	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	40	5	269	8	201	7	283	7								
	8	6-10 hrs	11	1	101	3	85	3	124	3									
	13	11-15 hrs	8	1	61	2	44	2	75	2									
	18	16-20 hrs	9	1	36	1	33	1	46	1									
	23	21-25 hrs	7	1	24	1	19	1	27	1									
	28	26-30 hrs	0	0	5	0	9	0	13	0									
	33	More than 30 hrs	0	0	27	1	20	1	39	1									
	Total			787	100	3,372	100	2,933	100	4,081	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	485	61	1,424	44	1,391	46	2,289	54	2.0	3.2 *** ▽	-0.25	3.1 *** ▽	-0.23	2.9 *** ▽	-0.17	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	222	28	1,382	39	1,125	38	1,227	31								
	8	6-10 hrs	45	6	344	10	241	8	324	9									
	13	11-15 hrs	21	3	122	4	97	4	114	3									
	18	16-20 hrs	8	1	56	2	43	2	66	2									
	23	21-25 hrs	2	0	21	1	20	1	38	1									
	28	26-30 hrs	0	0	6	0	8	0	9	0									
	33	More than 30 hrs	3	0	28	1	15	1	22	1									
	Total			786	100	3,383	100	2,940	100	4,089	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	102	13	522	16	289	10	474	12	2.7	2.5 ** △	.11	2.7	-0.07	2.7	-0.06		
	2	Some	269	35	1,264	38	1,008	36	1,305	33									
	3	About half	225	29	879	26	851	29	1,205	29									
	4	Most	142	18	536	16	625	20	830	20									
	5	Almost all	47	6	176	5	163	5	272	6									
		Total			785	100	3,377	100	2,936	100								4,086	100
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)											6.6	6.3	.05	6.8	-0.04	6.8	-0.04	

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b													
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		<i>Your first-year students compared with</i>													
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e							
	tmreadinghrscol	1	0 hrs	2	0	12	0	2	0	12	0														
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	375	49	1,827	54	1,362	48	1,908	49														
		3	More than 5, up to 10 hrs	255	32	913	27	937	31	1,269	30														
		4	More than 10, up to 15 hrs	82	10	333	10	344	11	435	10														
		5	More than 15, up to 20 hrs	40	5	164	5	169	6	244	6														
		6	More than 20, up to 25 hrs	23	3	91	3	88	3	142	3														
		7	More than 25 hrs	5	1	29	1	20	1	51	1														
		Total		782	100	3,369	100	2,922	100	4,061	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	69	9	319	10	208	7	290	7	2.6	2.6 *	-0.08	2.7 ***	-0.19	2.8 ***	-0.25							
		2	Some	294	37	1,125	33	915	31	1,190	29								▽	▽	▽				
		3	Quite a bit	337	43	1,360	40	1,335	46	1,802	44														
		4	Very much	81	11	563	16	467	16	782	19														
		Total		781	100	3,367	100	2,925	100	4,064	100														
b. Speaking clearly and effectively	pgspeak	1	Very little	134	17	383	12	309	11	429	10	2.4	2.6 ***	-0.17	2.6 ***	-0.22	2.7 ***	-0.28							
		2	Some	284	36	1,188	35	975	33	1,328	32								▽	▽	▽				
		3	Quite a bit	274	35	1,257	37	1,233	42	1,577	39														
		4	Very much	89	12	547	16	422	15	733	19														
		Total		781	100	3,375	100	2,939	100	4,067	100														
c. Thinking critically and analytically	pgthink	1	Very little	25	3	132	5	83	3	100	3	3.0	3.0	.03	3.0	.00	3.0 *	-0.09							
		2	Some	174	22	740	22	607	21	819	21														
		3	Quite a bit	373	48	1,558	45	1,469	50	1,909	46														
		4	Very much	209	27	947	28	770	25	1,235	31														
		Total		781	100	3,377	100	2,929	100	4,063	100														
d. Analyzing numerical and statistical information	pganalyze	1	Very little	90	11	440	12	312	11	493	11	2.7	2.6	.06	2.6 *	.09	2.6	.06							
		2	Some	243	31	1,115	33	1,023	34	1,384	33														
		3	Quite a bit	289	38	1,190	36	1,172	41	1,465	36														
		4	Very much	156	21	631	19	426	15	726	19											△			
		Total		778	100	3,376	100	2,933	100	4,068	100														

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD	UMD Peers	UMD Competitors		NSSE Carnegie					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	124	16	446	13	391	13	531	13	2.4	2.5 ***	-0.13	2.5 **	-0.10	2.6 ***	-0.17			
		2	Some	302	38	1,185	35	1,079	36	1,388	34								▽	▽	▽
		3	Quite a bit	258	33	1,191	35	1,070	38	1,432	36										
		4	Very much	99	13	554	17	385	13	715	18										
		Total		783	100	3,376	100	2,925	100	4,066	100										
f. Working effectively with others	pgothers	1	Very little	46	6	216	7	169	6	214	5	2.7	2.8	-0.03	2.8 *	-0.08	2.8 ***	-0.14			
		2	Some	262	34	1,021	31	833	29	1,127	28										
		3	Quite a bit	323	41	1,446	42	1,339	45	1,765	43								▽	▽	▽
		4	Very much	146	19	686	20	589	20	955	23										
		Total		777	100	3,369	100	2,930	100	4,061	100										
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	104	14	438	14	347	11	422	11	2.5	2.6	-0.03	2.6 *	-0.10	2.7 ***	-0.18			
		2	Some	277	35	1,103	33	948	32	1,226	30										
		3	Quite a bit	282	36	1,266	36	1,177	41	1,592	39								▽	▽	▽
		4	Very much	117	15	569	17	457	16	822	20										
		Total		780	100	3,376	100	2,929	100	4,062	100										
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	88	12	353	12	283	10	424	11	2.6	2.7 *	-0.08	2.7 **	-0.13	2.7 ***	-0.15			
		2	Some	278	36	1,035	31	939	31	1,181	29										
		3	Quite a bit	275	35	1,261	37	1,170	40	1,530	37								▽	▽	▽
		4	Very much	137	17	716	20	529	19	921	23										
		Total		778	100	3,365	100	2,921	100	4,056	100										
i. Solving complex real-world problems	pgprobsolve	1	Very little	93	12	400	12	327	11	450	11	2.5	2.6	-0.03	2.5	-0.01	2.6 *	-0.08			
		2	Some	287	36	1,180	36	1,096	36	1,402	34										
		3	Quite a bit	287	37	1,242	36	1,094	38	1,502	37										
		4	Very much	113	15	546	16	406	14	703	17										
		Total		780	100	3,368	100	2,923	100	4,057	100										
j. Being an informed and active citizen	pgcitizen	1	Very little	111	14	429	14	320	11	424	10	2.5	2.5	-0.06	2.6 **	-0.12	2.7 ***	-0.20			
		2	Some	287	37	1,135	35	1,027	34	1,287	32										
		3	Quite a bit	268	35	1,205	35	1,120	38	1,535	38								▽	▽	▽
		4	Very much	114	15	599	17	455	16	805	20										
		Total		780	100	3,368	100	2,922	100	4,051	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		Your first-year students compared with							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	UMD Mean	UMD Peers Mean	Effect size ^e	UMD Competitors Mean	Effect size ^e	NSSE Carnegie Mean	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	12	2	61	2	44	2	57	1	3.1	3.1 *	-08	3.1 **	-10	3.3 ***	-27	
		2	Fair	117	15	433	14	345	12	435	11								
		3	Good	446	57	1,779	51	1,611	55	1,957	47								
		4	Excellent	203	26	1,098	32	923	31	1,617	41								
		Total		778	100	3,371	100	2,923	100	4,066	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	30	4	109	4	89	3	134	3	3.1	3.2 ***	-13	3.2 *	-10	3.3 ***	-22	
		2	Probably no	119	15	395	12	365	12	458	11								
		3	Probably yes	369	47	1,475	44	1,343	47	1,625	40								
		4	Definitely yes	265	34	1,395	41	1,125	38	1,859	46								
		Total		783	100	3,374	100	2,922	100	4,076	100								
20. Do you intend to return to this institution next year?^f																			
	returnexp		No	62	8	56	4	<i>Results suppressed due to insufficient number of 2018 institutions.</i>			85%	88%	-08	<i>Results suppressed due to insufficient number of 2018 institutions.</i>		89% ***	-13		
			Yes	665	85	1,193	88											2,090	89
			Not sure	57	7	99	8											147	6
			Total	784	100	1,348	100											2,340	100
(Means indicate the percentage who responded "Yes." Comparison data are limited to NSSE 2018 participants.)																			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	26	4	161	3	82	3	75	1	2.9	3.0 *** ▽	-0.18	3.0 *** ▽	-0.16	3.1 *** ▽	-0.26	
		2	Sometimes	243	33	1,829	28	1,106	28	1,298	25								
		3	Often	260	34	2,137	32	1,347	33	1,740	34								
		4	Very often	229	29	2,561	38	1,511	36	2,069	39								
		Total		758	100	6,688	100	4,046	100	5,182	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	210	28	1,524	23	913	23	1,291	26	2.1	2.3 *** ▽	-0.20	2.3 *** ▽	-0.19	2.2 *** ▽	-0.13	
		2	Sometimes	320	43	2,530	38	1,555	39	1,974	38								
		3	Often	159	21	1,570	23	987	24	1,191	23								
		4	Very often	70	9	1,027	15	573	14	710	13								
		Total		759	100	6,651	100	4,028	100	5,166	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	55	7	499	8	241	6	355	7	2.8	2.9	-0.07	2.9 *** ▽	-0.15	2.9 * ▽	-0.10	
		2	Often	150	20	1,085	16	628	15	826	16								
		3	Sometimes	421	56	3,748	56	2,288	56	2,879	56								
		4	Never	126	17	1,321	20	871	22	1,087	21								
		Total		752	100	6,653	100	4,028	100	5,147	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	334	46	2,825	44	1,825	47	2,068	40	1.8	1.8	-0.02	1.7	.04	1.9 ** ▽	-0.11	
		2	Sometimes	282	37	2,625	39	1,533	37	2,037	39								
		3	Often	89	12	699	10	427	10	637	12								
		4	Very often	48	6	493	7	232	5	408	8								
		Total		753	100	6,642	100	4,017	100	5,150	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	48	7	563	9	317	9	380	8	2.7	2.6 ** △	.10	2.6 *** △	.16	2.6 * △	.10	
		2	Sometimes	278	37	2,618	40	1,607	42	2,056	40								
		3	Often	278	36	2,204	32	1,410	34	1,806	35								
		4	Very often	151	20	1,266	19	683	16	907	17								
		Total		755	100	6,651	100	4,017	100	5,149	100								
f. Explained course material to one or more students	CLexplain	1	Never	19	3	210	3	129	4	139	3	2.9	2.9	.00	2.8 * △	.09	2.9	-0.01	
		2	Sometimes	229	30	1,992	30	1,257	32	1,543	30								
		3	Often	329	43	2,761	41	1,757	43	2,223	43								
		4	Very often	177	24	1,679	26	871	21	1,238	24								
		Total		754	100	6,642	100	4,014	100	5,143	100								

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NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	100	14	870	14	537	15	559	11	2.6	2.6	.03	2.5 **	.12	2.7	-.02	
		2	Sometimes	240	31	2,220	34	1,436	36	1,753	34								
		3	Often	239	32	2,063	31	1,266	31	1,687	33								
		4	Very often	171	23	1,459	22	770	18	1,129	22								
		Total		750	100	6,612	100	4,009	100	5,128	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	12	2	277	4	179	6	171	3	3.1	3.0 *	.08	2.9 ***	.14	3.0	.06	
		2	Sometimes	180	24	1,579	25	927	25	1,237	24								
		3	Often	291	40	2,518	37	1,591	39	2,027	40								
		4	Very often	260	35	2,231	34	1,303	31	1,683	33								
		Total		743	100	6,605	100	4,000	100	5,118	100								
i. Given a course presentation	present	1	Never	69	9	504	8	295	8	290	6	2.7	2.8 *	-.09	2.8 *	-.08	2.9 ***	-.23	
		2	Sometimes	236	32	1,936	30	1,109	29	1,329	26								
		3	Often	254	34	2,299	34	1,434	35	1,843	36								
		4	Very often	189	25	1,870	28	1,166	27	1,645	32								
		Total		748	100	6,609	100	4,004	100	5,107	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	17	3	160	3	89	3	140	3	2.9	3.0	-.07	3.0 *	-.08	3.0	-.06	
		2	Sometimes	197	27	1,665	26	937	24	1,281	25								
		3	Often	342	46	2,752	41	1,765	44	2,216	44								
		4	Very often	189	25	1,991	30	1,195	29	1,443	28								
		Total		745	100	6,568	100	3,986	100	5,080	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	74	11	462	8	199	6	277	6	2.6	2.8 ***	-.17	2.8 ***	-.18	2.8 ***	-.24	
		2	Sometimes	265	37	2,057	32	1,289	34	1,547	31								
		3	Often	260	34	2,320	35	1,516	37	2,014	39								
		4	Very often	144	19	1,711	25	972	23	1,226	24								
		Total		743	100	6,550	100	3,976	100	5,064	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	136	20	799	14	446	13	484	10	2.4	2.6 ***	-.20	2.6 ***	-.22	2.6 ***	-.30	
		2	Sometimes	282	39	2,261	36	1,399	36	1,796	36								
		3	Often	209	27	2,004	29	1,273	31	1,713	33								
		4	Very often	109	14	1,441	21	839	20	1,046	20								
		Total		736	100	6,505	100	3,957	100	5,039	100								

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NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b						
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		Your seniors compared with						
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	UMD Mean	UMD Peers Mean	UMD Peers Effect size ^e	UMD Competitors Mean	UMD Competitors Effect size ^e	NSSE Carnegie Mean	NSSE Carnegie Effect size ^e
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	56	8	293	5	185	5	212	4	2.6	2.8 ***	-0.22	2.8 ***	-0.17	2.8 ***	-0.22
		2	Sometimes	265	37	1,905	30	1,226	31	1,564	31							
		3	Often	298	40	2,848	43	1,761	45	2,235	44							
		4	Very often	115	16	1,420	22	771	19	1,003	20							
		Total		734	100	6,466	100	3,943	100	5,014	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	29	4	168	3	119	4	122	3	2.8	3.0 ***	-0.17	2.9 **	-0.11	2.9 ***	-0.16
		2	Sometimes	220	31	1,526	25	1,029	26	1,284	25							
		3	Often	323	44	2,888	44	1,780	45	2,313	46							
		4	Very often	153	21	1,838	28	1,003	25	1,249	25							
		Total		725	100	6,420	100	3,931	100	4,968	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	24	4	120	2	86	3	86	2	2.8	3.0 ***	-0.18	2.9 *	-0.10	3.0 ***	-0.19
		2	Sometimes	223	32	1,594	26	1,040	28	1,222	25							
		3	Often	324	45	2,876	45	1,831	46	2,381	48							
		4	Very often	151	20	1,784	27	944	23	1,217	25							
		Total		722	100	6,374	100	3,901	100	4,906	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	6	1	59	1	20	1	35	1	3.1	3.2 ***	-0.13	3.2 **	-0.13	3.2 **	-0.12
		2	Sometimes	119	17	918	15	576	15	719	15							
		3	Often	380	53	3,047	48	1,898	49	2,472	50							
		4	Very often	211	28	2,319	36	1,396	35	1,660	34							
		Total		716	100	6,343	100	3,890	100	4,886	100							
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	120	18	1,003	17	545	16	499	10	2.4	2.4	-0.04	2.5 *	-0.10	2.6 ***	-0.26
		2	Sometimes	293	41	2,532	41	1,492	39	1,846	38							
		3	Often	180	25	1,601	25	1,049	26	1,396	28							
		4	Very often	122	16	1,214	18	813	20	1,144	23							
		Total		715	100	6,350	100	3,899	100	4,885	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	272	39	2,443	39	1,337	37	1,547	32	2.0	2.0	.03	2.0	-0.02	2.2 ***	-0.15
		2	Sometimes	226	32	2,106	33	1,318	33	1,584	33							
		3	Often	133	18	1,034	16	742	18	1,029	21							
		4	Very often	86	12	756	12	491	12	713	15							
		Total		717	100	6,339	100	3,888	100	4,873	100							

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University of Minnesota Duluth

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	166	24	1,317	21	805	23	851	17	2.2	2.2	-.06	2.2	-.03	2.4 ***	-.20	
		2	Sometimes	322	45	2,857	45	1,750	44	2,060	42								
		3	Often	146	20	1,386	22	893	23	1,273	26								
		4	Very often	78	11	759	12	429	11	666	14								
		Total		712	100	6,319	100	3,877	100	4,850	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	175	25	1,407	23	860	23	844	17	2.1	2.2 *	-.10	2.2 *	-.09	2.3 ***	-.26	
		2	Sometimes	346	48	2,888	46	1,756	46	2,185	45								
		3	Often	139	19	1,361	21	887	22	1,198	25								
		4	Very often	56	8	645	10	371	9	618	13								
		Total		716	100	6,301	100	3,874	100	4,845	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	47	7	488	8	307	8	304	6	2.8	2.7	.05	2.7	.07	2.8	-.01	
		2	Some	199	28	1,975	32	1,246	32	1,466	31								
		3	Quite a bit	324	46	2,546	41	1,564	40	2,017	42								
		4	Very much	141	19	1,268	20	751	20	1,034	21								
		Total		711	100	6,277	100	3,868	100	4,821	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	18	3	173	3	83	3	107	2	3.0	3.1 *	-.08	3.1 *	-.08	3.1	-.08	
		2	Some	149	21	1,178	19	679	19	907	19								
		3	Quite a bit	337	47	2,844	45	1,814	47	2,260	47								
		4	Very much	207	29	2,081	33	1,287	32	1,533	32								
		Total		711	100	6,276	100	3,863	100	4,807	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	35	5	229	4	126	4	127	3	2.9	3.0 **	-.12	3.0 *	-.10	3.0 ***	-.17	
		2	Some	171	24	1,435	23	848	23	1,017	21								
		3	Quite a bit	329	47	2,647	42	1,738	45	2,206	46								
		4	Very much	174	24	1,918	31	1,135	29	1,428	30								
		Total		709	100	6,229	100	3,847	100	4,778	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	63	9	411	7	206	6	205	4	2.7	2.8 ***	-.13	2.8 ***	-.14	2.9 ***	-.26	
		2	Some	215	31	1,691	28	1,029	28	1,184	25								
		3	Quite a bit	289	41	2,543	40	1,644	42	2,125	44								
		4	Very much	141	19	1,574	24	956	23	1,245	26								
		Total		708	100	6,219	100	3,835	100	4,759	100								

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University of Minnesota Duluth

Seniors

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				UMD				UMD Peers				UMD Competitors				NSSE Carnegie			
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		Your seniors compared with							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	UMD Mean	UMD Peers Mean	UMD Peers Effect size ^e	UMD Competitors Mean	UMD Competitors Effect size ^e	NSSE Carnegie Mean	NSSE Carnegie Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	41	6	291	5	162	5	179	4	2.8	2.9 ***	-0.14	2.9 **	-0.12	2.9 ***	-0.20	
		2	Some	224	32	1,606	27	1,024	28	1,182	25								
		3	Quite a bit	299	42	2,646	42	1,660	43	2,150	45								
		4	Very much	145	20	1,652	26	983	24	1,228	26								
		Total		709	100	6,195	100	3,829	100	4,739	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	10	2	125	2	84	3	64	1	3.0	3.1 ***	-0.17	3.0	-0.05	3.2 ***	-0.25	
		2	Some	163	23	1,012	17	717	20	720	15								
		3	Quite a bit	354	50	2,968	48	1,869	49	2,292	49								
		4	Very much	180	25	2,079	33	1,154	29	1,650	35								
		Total		707	100	6,184	100	3,824	100	4,726	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	20	3	172	3	113	3	88	2	3.0	3.0 ***	-0.12	3.0	-0.05	3.1 ***	-0.22	
		2	Some	156	22	1,147	19	734	20	832	17								
		3	Quite a bit	377	53	2,980	48	1,907	50	2,284	48								
		4	Very much	154	22	1,876	30	1,064	27	1,511	32								
		Total		707	100	6,175	100	3,818	100	4,715	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	25	4	175	3	107	3	81	2	3.0	3.1 *	-0.10	3.0	-0.05	3.2 ***	-0.20	
		2	Some	138	20	1,148	19	719	20	754	16								
		3	Quite a bit	345	49	2,717	44	1,726	45	2,201	46								
		4	Very much	199	28	2,129	34	1,270	32	1,670	36								
		Total		707	100	6,169	100	3,822	100	4,706	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	63	9	632	11	411	12	401	9	2.6	2.7 *	-0.08	2.7	-0.01	2.8 ***	-0.19	
		2	Some	246	35	1,808	30	1,154	31	1,292	27								
		3	Quite a bit	268	38	2,239	36	1,400	36	1,776	38								
		4	Very much	130	17	1,486	23	850	21	1,235	26								
		Total		707	100	6,165	100	3,815	100	4,704	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	49	7	406	7	284	8	240	5	2.7	2.8 *	-0.09	2.7	.00	2.9 ***	-0.19	
		2	Some	234	33	1,830	30	1,171	32	1,314	28								
		3	Quite a bit	292	43	2,537	41	1,594	41	2,017	43								
		4	Very much	125	17	1,376	22	763	19	1,122	24								
		Total		700	100	6,149	100	3,812	100	4,693	100								

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				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	77	11	689	10	446	11	550	11	2.6	2.7	-.04	2.6	.06	2.6	.00	
		2	Sometimes	239	34	2,124	34	1,416	37	1,629	34								
		3	Often	252	36	2,124	36	1,316	34	1,675	37								
		4	Very often	126	19	1,197	21	636	18	820	19								
		Total		694	100	6,134	100	3,814	100	4,674	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	134	19	1,186	19	681	18	905	19	2.4	2.4	-.02	2.4	.00	2.4	-.04	
		2	Sometimes	261	38	2,367	38	1,509	39	1,690	36								
		3	Often	200	29	1,638	27	1,106	29	1,382	30								
		4	Very often	98	14	915	16	503	14	680	16								
		Total		693	100	6,106	100	3,799	100	4,657	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	107	15	968	15	594	16	731	15	2.4	2.4	-.03	2.4	.04	2.5	-.04	
		2	Sometimes	283	41	2,449	40	1,572	41	1,826	38								
		3	Often	217	32	1,852	31	1,210	31	1,487	33								
		4	Very often	85	12	842	14	433	11	613	14								
		Total		692	100	6,111	100	3,809	100	4,657	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	54	8	295	5	167	5	234	5	7.9	7.9	.00	7.7	.03	7.4 *	.09	
		1.5	1-2	126	19	992	17	634	18	807	18								
		4	3-5	164	24	1,589	28	1,036	28	1,368	31								
		8	6-10	137	20	1,321	23	843	23	1,019	22								
		13	11-15	90	12	671	11	437	12	519	11								
		18	16-20	60	8	351	6	208	6	253	5								
		23	More than 20	61	9	533	9	298	8	328	7								
		Total		692	100	5,752	100	3,623	100	4,528	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	154	23	1,338	23	795	23	986	22	3.4	3.5	-.02	3.3	.02	3.4	.01	
		1.5	1-2	252	36	1,902	33	1,296	35	1,559	35								
		4	3-5	173	24	1,437	25	909	25	1,193	26								
		8	6-10	66	9	682	12	395	11	503	11								
		13	11-15	26	4	223	4	144	4	149	3								
		18	16-20	8	1	81	1	31	1	61	1								
		23	More than 20	12	2	64	1	33	1	57	1								
Total		691	100	5,727	100	3,603	100	4,508	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b								
												<i>Your seniors compared with</i>								
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie		
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
c. 11 pages or more	wrlongnum	0	None	304	45	2,505	44	1,623	45	1,958	44	1.7	1.9	-0.06	1.8	-0.04	1.8	-0.02		
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	266	38	2,122	36	1,361	37	1,729	38									
		4	3-5	78	11	697	12	403	11	540	12									
		8	6-10	23	4	232	4	131	4	173	4									
		13	11-15	11	2	92	2	55	2	49	1									
		18	16-20	1	0	43	1	18	1	29	1									
		23	More than 20	5	1	45	1	25	1	34	1									
Total				688	100	5,736	100	3,616	100	4,512	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.)										76.9	80.2	-0.04	77.2	.00	75.7	.01		
8. During the current school year, about how often have you had discussions with people from the following groups?																				
a. People of a race or ethnicity other than your own	DDrace	1	Never	56	9	249	5	259	7	223	5	2.7	3.0 ***	-0.38	2.7 *	-0.09	2.9 ***	-0.31		
		2	Sometimes	267	39	1,572	27	1,396	38	1,344	29									
		3	Often	205	30	1,808	31	1,012	28	1,446	33									
		4	Very often	160	23	2,100	37	950	27	1,493	33									
		Total		688	100	5,729	100	3,617	100	4,506	100									
b. People from an economic background other than your own	DDeconomic	1	Never	33	5	177	3	143	5	150	3	2.8	3.0 ***	-0.24	2.9	-0.05	3.0 ***	-0.20		
		2	Sometimes	212	31	1,401	25	1,137	31	1,191	26									
		3	Often	282	41	2,187	38	1,366	37	1,747	39									
		4	Very often	162	23	1,952	34	962	27	1,403	32									
		Total		689	100	5,717	100	3,608	100	4,491	100									
c. People with religious beliefs other than your own	DDreligion	1	Never	45	7	262	5	214	6	235	5	2.8	3.0 ***	-0.24	2.9 *	-0.09	3.0 ***	-0.20		
		2	Sometimes	219	32	1,507	26	1,113	31	1,208	27									
		3	Often	263	38	1,941	33	1,248	34	1,608	35									
		4	Very often	162	23	2,008	36	1,033	29	1,443	32									
		Total		689	100	5,718	100	3,608	100	4,494	100									
d. People with political views other than your own	DDpolitical	1	Never	39	6	288	5	148	4	170	4	2.8	2.9	-0.07	2.9 **	-0.12	3.0 ***	-0.20		
		2	Sometimes	215	31	1,753	31	1,029	29	1,203	26									
		3	Often	254	37	1,872	32	1,268	34	1,594	35									
		4	Very often	182	26	1,807	32	1,159	32	1,530	35									
		Total		690	100	5,720	100	3,604	100	4,497	100									

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NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	Lsreading	1	Never	29	5	144	3	78	3	82	2	2.9	3.1 ***	-0.22	3.0 ***	-0.17	3.1 ***	-0.27	
		2	Sometimes	177	26	1,168	21	758	22	861	19								
		3	Often	310	45	2,447	43	1,667	46	2,112	47								
		4	Very often	172	24	1,940	33	1,091	29	1,427	32								
			Total	688	100	5,699	100	3,594	100	4,482	100								
b. Reviewed your notes after class	LSnotes	1	Never	114	17	497	9	356	10	432	10	2.5	2.7 ***	-0.27	2.7 ***	-0.23	2.7 ***	-0.27	
		2	Sometimes	249	36	1,905	34	1,221	34	1,519	34								
		3	Often	209	30	1,855	32	1,168	33	1,419	32								
		4	Very often	114	17	1,443	25	846	23	1,113	25								
			Total	686	100	5,700	100	3,591	100	4,483	100								
c. Summarized what you learned in class or from course materials	LSummary	1	Never	79	12	449	8	296	9	342	8	2.6	2.7 ***	-0.18	2.7 **	-0.14	2.8 ***	-0.23	
		2	Sometimes	245	36	1,788	32	1,221	34	1,384	31								
		3	Often	248	35	2,146	37	1,314	36	1,727	39								
		4	Very often	114	17	1,302	22	752	20	1,011	23								
			Total	686	100	5,685	100	3,583	100	4,464	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
	challenge	1	Not at all	6	1	48	1	44	2	35	1	5.3	5.5 **	-0.11	5.4	-0.05	5.5 **	-0.13	
		2		8	1	68	1	41	1	58	1								
		3		35	5	217	4	143	4	187	4								
		4		78	12	643	11	389	12	443	10								
		5		256	37	1,796	31	1,159	32	1,464	33								
		6		181	26	1,587	27	1,025	28	1,211	27								
		7	Very much	121	17	1,308	23	774	21	1,044	23								
			Total	685	100	5,667	100	3,575	100	4,442	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	52	8	405	7	191	6	257	6	52%	52%	-0.01	54%	-0.05	60% ***	-0.18	
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	97	15	841	15	500	15	607	14								
			Plan to do	176	26	1,462	25	876	25	858	20								
			Done or in progress	359	52	2,965	52	2,010	54	2,725	60								
			Total	684	100	5,673	100	3,577	100	4,447	100								

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NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
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	60	9	524	9	307	9	315	7	37%	36%	.02	40%	-.06	50% ***	-0.25			
			Do not plan to do	311	46	2,672	47	1,528	44	1,632	37										
			Plan to do	53	8	400	7	235	7	272	6										
			Done or in progress	258	37	2,075	36	1,501	40	2,223	50										
			Total	682	100	5,671	100	3,571	100	4,442	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	72	11	649	11	375	11	459	10	23%	23%	.00	25%	-.04	26%	-.06			
			Do not plan to do	383	57	3,175	58	1,984	57	2,426	55										
			Plan to do	63	9	455	8	243	7	359	8										
			Done or in progress	163	23	1,361	23	964	25	1,180	26										
			Total	681	100	5,640	100	3,566	100	4,424	100										
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	54	8	565	10	257	7	310	7	16%	13% *	.09	15%	.02	22% ***	-0.16			
			Do not plan to do	472	71	3,989	72	2,513	72	2,872	65										
			Plan to do	39	6	330	6	192	6	222	5										
			Done or in progress	118	16	767	13	606	15	1,026	22										
			Total	683	100	5,651	100	3,568	100	4,430	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	90	14	720	13	365	11	418	10	22%	25%	-.07	25% *	-.09	27% **	-0.13			
			Do not plan to do	356	53	2,833	50	1,913	54	2,455	55										
			Plan to do	78	12	684	13	324	10	360	8										
			Done or in progress	153	22	1,417	25	969	25	1,199	27										
			Total	677	100	5,654	100	3,571	100	4,432	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	70	10	372	7	231	7	227	5	33%	50% ***	-.35	46% ***	-.27	58% ***	-0.51			
			Do not plan to do	207	30	1,036	19	748	22	819	18										
			Plan to do	172	26	1,337	23	846	24	813	19										
			Done or in progress	230	33	2,894	50	1,740	46	2,569	58										
			Total	679	100	5,639	100	3,565	100	4,428	100										
12. About how many of your courses at this institution have included a community-based project (service-learning)?																					
servcourse	1	None	2	3	4	Total	289	44	2,135	40	998	31	1,417	33	1.7	1.7	-.06	1.8 ***	-.24	1.8 ***	-0.17
							318	46	2,852	50	2,050	56	2,488	56							
							58	9	538	9	438	11	424	9							
							12	2	107	2	77	2	84	2							
							677	100	5,632	100	3,563	100	4,413	100							

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NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		Your seniors compared with							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	UMD Mean	UMD Peers Mean	UMD Competitors Effect size ^e	UMD Competitors Mean	UMD Competitors Effect size ^e	NSSE Carnegie Mean	NSSE Carnegie Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	7	1	58	1	34	1	41	1	5.5	5.5	-.01	5.5	.00	5.6	-.07	
		2		9	1	84	2	39	1	68	2								
		3		27	4	215	4	127	4	167	4								
		4		82	12	575	10	336	10	438	10								
		5		166	24	1,482	26	983	28	1,107	25								
		6		216	32	1,683	30	1,076	29	1,230	28								
		7	Excellent	168	25	1,495	26	927	25	1,345	30								
		—	Not applicable	1	0	42	1	40	1	19	0								
			Total	676	100	5,634	100	3,562	100	4,415	100								
b. Academic advisors	QIadvisor	1	Poor	41	6	271	5	168	5	221	5	5.0	5.0	-.03	5.0	.00	5.0	-.05	
		2		38	6	334	6	214	6	244	5								
		3		45	6	507	9	315	9	375	9								
		4		94	14	771	14	486	14	587	13								
		5		162	24	1,121	20	722	20	907	21								
		6		136	20	1,120	20	736	20	844	19								
		7	Excellent	153	23	1,396	25	886	24	1,202	27								
		—	Not applicable	8	1	110	2	33	1	31	1								
			Total	677	100	5,630	100	3,560	100	4,411	100								
c. Faculty	QIfaculty	1	Poor	5	1	71	1	44	2	40	1	5.3	5.4	-.07	5.3	.03	5.6 ***	-0.20	
		2		15	2	116	2	88	3	55	1								
		3		24	4	241	4	176	6	169	4								
		4		110	16	711	13	448	13	440	10								
		5		205	30	1,413	25	920	26	1,158	26								
		6		167	25	1,691	29	1,116	30	1,420	32								
		7	Excellent	148	22	1,353	24	745	21	1,112	26								
		—	Not applicable	2	0	22	0	12	0	9	0								
			Total	676	100	5,618	100	3,549	100	4,403	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD	UMD Peers	UMD Competitors	NSSE Carnegie			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	21	3	213	4	145	5	151	3	5.0	4.8 *	.10	4.9	.07	5.0	-.02
		2		25	4	230	4	142	4	183	4							
		3		45	7	408	7	263	7	346	8							
		4		111	16	867	15	532	15	634	14							
		5		150	22	1,204	21	815	22	990	22							
		6		131	19	1,009	18	707	19	916	21							
		7	Excellent	110	16	771	14	523	15	758	17							
		—	Not applicable	84	12	916	17	421	13	429	10							
	Total	677	100	5,618	100	3,548	100	4,407	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	30	5	228	5	157	5	156	3	5.0	4.8 *	.09	4.8	.08	5.0	-.01
		2		25	3	267	5	180	5	193	4							
		3		48	7	484	9	284	8	375	8							
		4		115	17	970	17	603	17	715	16							
		5		142	20	1,337	23	855	24	1,075	24							
		6		153	23	1,138	20	727	20	908	21							
		7	Excellent	112	17	866	15	524	15	777	18							
		—	Not applicable	51	8	332	6	227	7	207	5							
	Total	676	100	5,622	100	3,557	100	4,406	100									
14. How much does your institution emphasize the following?																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	12	2	95	2	55	2	82	2	3.0	3.1 ***	-.14	3.1	-.05	3.1 *	-.09
		2	Some	148	22	963	18	702	21	799	18							
		3	Quite a bit	333	50	2,603	46	1,682	48	2,138	49							
		4	Very much	181	27	1,829	34	1,048	30	1,355	31							
			Total	674	100	5,490	100	3,487	100	4,374	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	28	5	276	6	147	5	144	3	2.9	2.9	-.01	2.8	.03	3.0 ***	-.17
		2	Some	183	26	1,396	26	880	27	946	22							
		3	Quite a bit	325	49	2,493	45	1,697	48	2,092	48							
		4	Very much	136	21	1,314	23	748	20	1,188	27							
			Total	672	100	5,479	100	3,472	100	4,370	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	64	10	585	11	349	11	348	8	2.8	2.7	.05	2.7	.07	2.9 *	-.10
		2	Some	178	27	1,557	29	943	29	1,068	25							
		3	Quite a bit	275	40	2,130	38	1,432	40	1,757	41							
		4	Very much	152	23	1,201	22	755	20	1,185	27							
			Total	669	100	5,473	100	3,479	100	4,358	100							

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University of Minnesota Duluth

Seniors

Frequency Distributions^a

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Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	143	21	874	17	574	17	691	16	2.4	2.5 **	-0.11	2.5	-0.07	2.5 ***	-0.16	
		2	Some	222	33	1,806	33	1,261	36	1,448	33								
		3	Quite a bit	209	31	1,797	32	1,099	32	1,405	33								
		4	Very much	97	15	995	18	541	16	801	18								
		Total		671	100	5,472	100	3,475	100	4,345	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	52	8	397	8	229	7	225	5	2.8	2.8	.00	2.8	.01	2.9 ***	-0.20	
		2	Some	184	27	1,524	29	964	29	979	22								
		3	Quite a bit	292	44	2,292	41	1,550	44	1,916	44								
		4	Very much	139	21	1,244	22	722	20	1,223	28								
		Total		667	100	5,457	100	3,465	100	4,343	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	58	9	555	11	298	10	318	7	2.8	2.7	.06	2.7	.04	2.9 **	-0.11	
		2	Some	180	27	1,554	29	897	27	1,076	25								
		3	Quite a bit	281	42	2,088	37	1,462	42	1,800	41								
		4	Very much	146	22	1,255	23	803	21	1,150	26								
		Total		665	100	5,452	100	3,460	100	4,344	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	236	35	2,000	38	1,097	33	1,242	28	2.0	2.0	.04	2.0	-0.03	2.1 ***	-0.16	
		2	Some	251	37	2,003	36	1,365	39	1,686	39								
		3	Quite a bit	142	22	1,031	18	746	21	984	23								
		4	Very much	38	6	418	8	247	7	431	10								
		Total		667	100	5,452	100	3,455	100	4,343	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	88	13	813	16	487	16	419	10	2.5	2.5	.00	2.5	.01	2.7 ***	-0.24	
		2	Some	243	36	1,893	35	1,196	34	1,306	30								
		3	Quite a bit	258	39	1,837	33	1,250	35	1,686	39								
		4	Very much	79	12	900	16	529	15	926	21								
		Total		668	100	5,443	100	3,462	100	4,337	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	127	19	1,039	21	640	20	645	15	2.3	2.3	-0.05	2.3	-0.04	2.4 ***	-0.20	
		2	Some	290	43	2,091	38	1,386	40	1,674	39								
		3	Quite a bit	199	30	1,622	29	1,063	30	1,418	33								
		4	Very much	51	8	678	12	371	10	589	13								
		Total		667	100	5,430	100	3,460	100	4,326	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	7	1	14	0	12	0	18	1	15.6	15.6	.00	15.2	.04	14.4 **	.14	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	70	11	702	13	408	12	550	13								
	8	6-10 hrs	137	21	1,191	21	756	22	999	23									
	13	11-15 hrs	131	19	1,093	20	705	21	969	23									
	18	16-20 hrs	137	20	986	19	676	19	830	19									
	23	21-25 hrs	83	12	618	11	388	11	454	10									
	28	26-30 hrs	47	7	336	6	232	6	251	6									
	33	More than 30 hrs	55	8	489	10	279	8	246	6									
	Total			667	100	5,429	100	3,456	100	4,317	100								
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	203	31	2,188	41	1,169	36	1,066	24	6.1	4.8 ***	.17	5.0 ***	.15	6.7 *	-.09	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	228	34	1,767	32	1,281	35	1,482	34								
	8	6-10 hrs	96	14	653	12	462	13	796	19									
	13	11-15 hrs	59	9	376	7	220	6	436	10									
	18	16-20 hrs	37	6	195	4	160	5	260	6									
	23	21-25 hrs	24	3	100	2	66	2	139	3									
	28	26-30 hrs	9	1	49	1	39	1	50	1									
	33	More than 30 hrs	11	2	95	2	51	2	85	2									
	Total			667	100	5,423	100	3,448	100	4,314	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	457	70	3,895	72	2,398	71	2,737	65	4.0	3.6	.05	3.7	.04	4.0	-.01	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	31	4	200	4	201	5	325	7								
	8	6-10 hrs	53	8	402	7	329	9	516	11									
	13	11-15 hrs	60	8	372	7	203	6	335	8									
	18	16-20 hrs	39	6	394	7	189	6	257	6									
	23	21-25 hrs	16	3	93	2	79	2	87	2									
	28	26-30 hrs	1	0	17	0	24	1	20	0									
	33	More than 30 hrs	8	1	50	1	29	1	37	1									
	Total			665	100	5,423	100	3,452	100	4,314	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b										
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		Your seniors compared with										
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	Effect size ^e	Effect size ^e	Effect size ^e	Effect size ^e			
				Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	274	42	2,069	40	1,225	35	2,130	51	10.7	12.1 **	-0.11	12.9 ***	-0.18	8.4 ***	.21	▽	▽	△	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	32	4	290	5	175	5	261	6											
		8	6-10 hrs	41	6	396	7	313	9	382	8											
		13	11-15 hrs	77	11	452	8	334	9	362	8											
		18	16-20 hrs	100	15	613	11	436	13	398	9											
		23	21-25 hrs	61	9	533	9	333	9	283	6											
		28	26-30 hrs	38	5	373	6	201	6	170	4											
		33	More than 30 hrs	44	7	704	14	441	15	327	7											
	Total			667	100	5,430	100	3,458	100	4,313	100											
Estimated number of hours working for pay	tmworkhrs											14.7	15.7 *	-0.08	16.6 ***	-0.16	12.4 ***	.19	▽	▽	△	
	(Continuous variable created by NSSE)																					
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	355	55	2,733	53	1,638	49	2,073	49	2.9	2.8	.01	2.9	.00	3.0	-0.02	△	△	△	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	212	31	1,926	34	1,344	37	1,646	37											
		8	6-10 hrs	44	6	401	7	269	8	293	7											
		13	11-15 hrs	24	4	177	3	101	3	162	4											
		18	16-20 hrs	18	3	84	1	36	1	72	2											
		23	21-25 hrs	3	0	40	1	23	1	32	1											
		28	26-30 hrs	1	0	12	0	15	1	13	0											
		33	More than 30 hrs	9	1	52	1	28	1	25	1											
	Total			666	100	5,425	100	3,454	100	4,316	100											
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	11	2	94	2	56	2	74	2	12.9	11.4 ***	.19	11.2 ***	.21	12.2 *	.09	△	△	△	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	121	17	1,408	26	856	25	901	20											
		8	6-10 hrs	163	24	1,512	28	1,011	28	1,257	28											
		13	11-15 hrs	170	26	1,069	20	704	20	917	21											
		18	16-20 hrs	102	16	668	12	443	13	577	14											
		23	21-25 hrs	45	7	302	6	147	4	252	6											
		28	26-30 hrs	13	2	119	2	78	2	127	3											
		33	More than 30 hrs	41	6	263	5	159	5	216	5											
	Total			666	100	5,435	100	3,454	100	4,321	100											

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b										
												<i>Your seniors compared with</i>										
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie				
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	555	84	4,023	74	2,661	75	3,432	80	2.1	4.0 ***	-0.21	3.8 ***	-0.20	2.8 *	-0.09				
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	51	7	501	9	284	8	353	8											
	8	6-10 hrs	13	2	179	3	113	4	130	3												
	13	11-15 hrs	8	1	124	2	70	2	97	2												
	18	16-20 hrs	10	2	99	2	66	2	57	1												
	23	21-25 hrs	5	1	44	1	35	1	34	1												
	28	26-30 hrs	4	1	33	1	16	0	25	1												
	33	More than 30 hrs	18	3	410	7	205	7	182	4												
	Total			664	100	5,413	100	3,450	100	4,310	100											
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	60	9	603	11	565	17	698	16	4.4	5.1 ***	-0.12	4.5	-0.01	4.4	.01				
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	475	71	3,366	62	2,203	62	2,701	63											
	8	6-10 hrs	83	13	929	17	411	12	573	13												
	13	11-15 hrs	24	4	285	5	133	4	192	5												
	18	16-20 hrs	10	2	95	2	54	2	65	2												
	23	21-25 hrs	4	1	43	1	20	1	24	1												
	28	26-30 hrs	1	0	24	0	15	0	14	0												
	33	More than 30 hrs	7	1	86	2	49	2	53	1												
	Total			664	100	5,431	100	3,450	100	4,320	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	132	21	901	18	512	15	635	15	2.6	2.7 **	-0.11	2.8 ***	-0.15	2.8 ***	-0.18				
		2	Some	206	31	1,613	30	1,009	30	1,237	29											
		3	About half	168	25	1,373	25	930	26	1,130	26											
		4	Most	115	17	1,092	20	705	20	955	22											
		5	Almost all	46	7	446	8	299	8	356	8											
			Total	667	100	5,425	100	3,455	100	4,313	100											
	tmreadinghrs															6.6	6.9	-0.05	7.0	-0.07	6.7	-0.03
	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																					

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	UMD		UMD Peers		UMD Competitors		NSSE Carnegie		UMD		UMD Peers		UMD Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol	1	0 hrs	7	1	14	0	12	0	18	1								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	336	52	2,656	49	1,599	48	2,063	49								
		3	More than 5, up to 10 hrs	179	26	1,567	29	1,035	30	1,320	31								
		4	More than 10, up to 15 hrs	71	10	541	10	397	11	440	10								
		5	More than 15, up to 20 hrs	37	5	310	6	193	5	223	5								
		6	More than 20, up to 25 hrs	23	3	222	4	141	4	169	4								
		7	More than 25 hrs	11	2	92	2	66	2	56	1								
		Total			664	100	5,402	100	3,443	100	4,289	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	38	6	354	7	169	6	154	4	2.9	2.9	-.03	2.9	-.07	3.1 ***	-.22
		2	Some	170	26	1,310	24	756	23	862	21							
		3	Quite a bit	289	43	2,180	40	1,514	43	1,808	42							
		4	Very much	168	25	1,557	28	996	28	1,466	33							
		Total		665	100	5,401	100	3,435	100	4,290	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	51	8	390	8	220	8	170	4	2.8	2.9 *	-.10	2.9 **	-.12	3.1 ***	-.37
		2	Some	195	29	1,436	27	828	25	835	19							
		3	Quite a bit	267	40	2,054	38	1,392	39	1,762	41							
		4	Very much	152	23	1,522	28	1,006	28	1,532	35							
		Total		665	100	5,402	100	3,446	100	4,299	100							
c. Thinking critically and analytically	pgthink	1	Very little	16	3	137	3	66	3	56	1	3.2	3.3	-.08	3.3	-.07	3.4 ***	-.23
		2	Some	103	16	707	13	410	13	449	11							
		3	Quite a bit	268	40	2,091	38	1,385	40	1,603	37							
		4	Very much	278	42	2,474	46	1,583	44	2,189	51							
		Total		665	100	5,409	100	3,444	100	4,297	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	52	7	574	10	350	10	421	9	2.9	2.9 *	.08	2.8 ***	.14	2.9	.07
		2	Some	161	23	1,499	26	995	28	1,174	26							
		3	Quite a bit	249	38	1,726	32	1,160	34	1,409	33							
		4	Very much	204	31	1,604	32	937	28	1,292	31							
		Total		666	100	5,403	100	3,442	100	4,296	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b										
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		Your seniors compared with										
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	UMD Mean	UMD Peers Mean	Effect size ^e		UMD Competitors Mean	Effect size ^e		NSSE Carnegie Mean	Effect size ^e		
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	55	9	401	8	233	8	258	6	2.8	2.9 ***	-0.16		2.9 ***	-0.15	3.0 ***	-0.25			
		2	Some	189	28	1,262	24	799	24	934	22									▽	▽	▽
		3	Quite a bit	250	38	1,909	35	1,257	36	1,535	36											
		4	Very much	171	25	1,831	34	1,149	32	1,569	36											
		Total		665	100	5,403	100	3,438	100	4,296	100											
f. Working effectively with others	pgothers	1	Very little	23	4	220	4	124	5	98	2	3.0	3.1	-0.01		3.0	.00	3.2 ***	-0.21			
		2	Some	137	21	1,073	21	646	20	662	16											
		3	Quite a bit	279	42	2,187	40	1,399	41	1,722	40											
		4	Very much	224	33	1,923	35	1,269	34	1,811	42											▽
		Total		663	100	5,403	100	3,438	100	4,293	100											
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	88	14	634	13	351	12	336	8	2.6	2.7 *	-0.09		2.8 **	-0.12	2.9 ***	-0.31			
		2	Some	184	28	1,452	27	861	26	951	23									▽	▽	▽
		3	Quite a bit	251	38	1,844	33	1,260	36	1,622	37											
		4	Very much	139	20	1,473	26	969	26	1,383	32											
		Total		662	100	5,403	100	3,441	100	4,292	100											
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	81	13	553	12	368	12	356	8	2.6	2.7 ***	-0.14		2.7 **	-0.12	2.8 ***	-0.26			
		2	Some	228	35	1,546	29	993	29	1,167	27									▽	▽	▽
		3	Quite a bit	218	32	1,821	33	1,169	33	1,512	35											
		4	Very much	136	20	1,476	26	910	25	1,264	29											
		Total		663	100	5,396	100	3,440	100	4,299	100											
i. Solving complex real-world problems	pgprobsolve	1	Very little	58	9	455	9	296	10	310	7	2.8	2.8	-0.04		2.8	.00	2.9 **	-0.12			
		2	Some	184	28	1,540	28	993	29	1,156	27											
		3	Quite a bit	276	41	1,984	36	1,305	37	1,632	38											
		4	Very much	147	22	1,418	26	843	24	1,202	28											▽
		Total		665	100	5,397	100	3,437	100	4,300	100											
j. Being an informed and active citizen	pgcitizen	1	Very little	108	17	707	14	404	13	414	10	2.5	2.6 ***	-0.16		2.6 ***	-0.18	2.8 ***	-0.35			
		2	Some	239	36	1,719	32	1,087	32	1,207	28									▽	▽	▽
		3	Quite a bit	210	31	1,738	32	1,191	34	1,525	35											
		4	Very much	106	16	1,223	22	751	21	1,147	27											
		Total		663	100	5,387	100	3,433	100	4,293	100											

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

University of Minnesota Duluth

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				UMD		UMD Peers		UMD Competitors		NSSE Carnegie		Your seniors compared with							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	Effect size ^e	Effect size ^e	Effect size ^e	
				Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ^e	Effect size ^e						
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	12	2	135	3	78	3	62	1	3.1	3.2 **	-10	3.2	-03	3.4 ***	-32	
		2	Fair	86	14	636	12	425	14	381	9								
		3	Good	356	53	2,474	45	1,588	47	1,810	42								
		4	Excellent	212	31	2,153	40	1,349	36	2,057	48								
			Total	666	100	5,398	100	3,440	100	4,310	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	22	4	231	5	161	6	150	4	3.1	3.2 ***	-13	3.1	-04	3.3 ***	-25	
		2	Probably no	100	15	669	12	421	13	481	11								
		3	Probably yes	327	49	2,173	41	1,494	44	1,616	38								
		4	Definitely yes	220	32	2,346	42	1,375	37	2,069	47								
			Total	669	100	5,419	100	3,451	100	4,316	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2018 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of Minnesota Duluth

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	UMD	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie
1 a. askquest	898	2.57	2.70	2.71	2.84	.026	.008	.011	.009	.78	.83	.80	.83	1,097	6,117	10,127	.000	.000	.000	-.16	-.17	-.32
b. drafts	897	2.32	2.37	2.46	2.43	.031	.010	.013	.010	.94	.94	.94	.97	10,337	6,066	1,090	.073	.000	.001	-.06	-.15	-.12
c. unpreparedr	891	2.99	2.96	3.03	3.06	.025	.008	.011	.008	.74	.77	.76	.76	1,082	6,060	1,081	.259	.135	.012	.04	-.05	-.09
d. attendart	895	1.77	1.95	1.94	1.94	.028	.009	.012	.010	.85	.89	.87	.92	10,325	6,066	10,024	.000	.000	.000	-.19	-.19	-.18
e. CLaskhelp	896	2.74	2.71	2.69	2.67	.028	.009	.011	.009	.83	.86	.82	.83	10,290	6,058	10,007	.447	.143	.027	.03	.05	.08
f. CLexplain	892	2.76	2.78	2.73	2.75	.026	.008	.011	.008	.77	.81	.77	.79	10,265	6,050	9,981	.398	.244	.672	-.03	.04	.01
g. CLstudy	891	2.61	2.61	2.55	2.59	.031	.010	.013	.010	.91	.94	.92	.92	1,080	6,028	9,919	.900	.096	.696	.00	.06	.01
h. CLproject	886	2.70	2.70	2.68	2.68	.026	.009	.011	.009	.78	.83	.80	.82	1,084	5,998	1,085	.756	.515	.689	-.01	.02	.01
i. present	889	2.06	2.22	2.21	2.31	.027	.009	.012	.010	.82	.86	.87	.90	1,085	1,270	1,115	.000	.000	.000	-.18	-.17	-.27
2 a. RIntegrate	875	2.59	2.55	2.56	2.57	.026	.009	.011	.009	.77	.82	.80	.82	1,072	5,941	1,079	.119	.205	.372	.05	.05	.03
b. RIsocietal	877	2.44	2.48	2.52	2.54	.028	.009	.012	.009	.82	.85	.82	.85	1,069	5,917	1,073	.194	.016	.001	-.04	-.09	-.11
c. RIdiverse	874	2.39	2.46	2.48	2.52	.030	.009	.012	.009	.88	.88	.85	.87	9,843	5,911	9,607	.034	.006	.000	-.08	-.10	-.15
d. Rlownview	867	2.67	2.71	2.67	2.71	.026	.009	.011	.008	.76	.80	.77	.78	9,740	5,875	9,517	.255	.980	.154	-.04	.00	-.05
e. Rlperspect	858	2.87	2.87	2.82	2.85	.026	.008	.011	.008	.77	.79	.78	.78	9,628	5,836	9,413	.877	.091	.593	-.01	.06	.02
f. Rlnewview	853	2.78	2.79	2.79	2.82	.026	.008	.011	.008	.76	.78	.75	.77	9,501	5,786	9,314	.678	.674	.113	-.01	-.02	-.06
g. Rlconnect	848	3.00	3.00	2.96	3.01	.024	.008	.010	.008	.69	.73	.70	.72	1,046	1,175	1,042	.850	.094	.817	.01	.06	-.01
3 a. SFcareer	846	2.17	2.23	2.31	2.36	.030	.010	.013	.010	.87	.92	.90	.92	1,039	1,175	1,043	.044	.000	.000	-.07	-.16	-.21
b. SFotherwork	843	1.71	1.74	1.79	1.82	.029	.009	.013	.010	.85	.87	.89	.90	9,366	5,753	9,184	.413	.020	.001	-.03	-.09	-.12
c. SFdiscuss	839	1.91	1.97	1.97	2.03	.028	.009	.012	.010	.82	.84	.83	.87	9,331	5,721	9,117	.056	.038	.000	-.07	-.08	-.14
d. SFperform	839	1.90	2.05	2.04	2.16	.028	.009	.012	.009	.81	.84	.84	.86	9,286	5,722	1,036	.000	.000	.000	-.18	-.16	-.30
4 a. memorize	837	2.99	2.93	2.93	2.98	.026	.008	.011	.008	.74	.78	.75	.75	1,029	1,151	9,044	.036	.029	.612	.07	.08	.02
b. HOapply	837	2.92	2.94	2.90	2.92	.026	.008	.011	.009	.75	.77	.75	.77	9,215	5,695	9,006	.513	.462	.966	-.02	.03	.00
c. HOanalyze	834	2.84	2.85	2.83	2.89	.027	.009	.011	.009	.77	.81	.78	.79	9,155	5,670	8,935	.819	.618	.063	-.01	.02	-.07
d. HOevaluate	833	2.71	2.77	2.78	2.87	.028	.009	.011	.009	.80	.82	.79	.79	9,113	5,663	1,007	.031	.011	.000	-.08	-.10	-.20
e. HOform	830	2.71	2.80	2.77	2.85	.027	.009	.011	.009	.77	.81	.79	.79	9,059	5,650	8,821	.003	.049	.000	-.11	-.07	-.17
5 a. ETgoals	829	3.01	3.00	3.03	3.05	.024	.008	.011	.009	.68	.75	.73	.76	1,042	1,185	1,055	.656	.431	.123	.02	-.03	-.05
b. ETorganize	833	2.93	2.94	2.98	3.01	.025	.008	.011	.009	.73	.77	.76	.77	9,019	5,637	8,748	.871	.106	.004	-.01	-.06	-.11
c. ETexample	827	2.98	2.96	2.96	3.00	.026	.009	.011	.009	.76	.79	.79	.79	1,017	1,156	8,721	.343	.461	.606	.03	.03	-.02
d. ETdraftfb	826	2.69	2.63	2.70	2.76	.029	.010	.013	.010	.83	.90	.88	.88	1,033	1,163	8,731	.041	.786	.035	.07	-.01	-.08
e. ETfeedback	829	2.56	2.59	2.62	2.66	.029	.010	.012	.010	.82	.86	.85	.87	8,960	5,610	8,678	.426	.069	.001	-.03	-.07	-.12

NSSE 2018 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of Minnesota Duluth

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	UMD	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie
6 a. QRconclude	823	2.61	2.57	2.54	2.55	.030	.010	.012	.010	.87	.86	.82	.85	8,887	1,094	8,581	.169	.016	.048	.05	.09	.07
b. QRproblem	815	2.26	2.24	2.25	2.27	.031	.010	.013	.010	.89	.90	.86	.90	8,863	5,575	8,555	.677	.911	.702	.02	.00	-.01
c. QRevaluate	815	2.27	2.27	2.26	2.27	.029	.010	.012	.010	.83	.86	.82	.87	8,878	5,591	8,546	.918	.894	.970	.00	.01	.00
7 a. wrshortnum	812	6.89	6.59	6.56	6.42	.210	.066	.085	.064	5.98	5.71	5.67	5.50	980	1,094	967	.170	.144	.032	.05	.06	.08
b. wrmednum	809	1.82	1.97	2.33	2.15	.100	.034	.049	.035	2.84	2.89	3.25	3.02	8,228	1,228	1,017	.152	.000	.002	-.05	-.16	-.11
c. wrlongnum	811	.62	.72	.84	.68	.079	.028	.042	.026	2.26	2.40	2.77	2.22	8,234	1,303	8,252	.222	.012	.421	-.05	-.08	-.03
— wrpages	807	44.05	46.04	50.49	46.62	2.080	.718	1.044	.691	59.11	61.68	69.23	59.49	8,191	1,249	8,218	.384	.006	.244	-.03	-.09	-.04
8 a. DDrace	809	2.71	2.94	2.72	2.94	.031	.010	.013	.010	.89	.90	.89	.90	996	5,230	8,234	.000	.986	.000	-.25	.00	-.25
b. DDeconomic	806	2.85	2.96	2.81	2.99	.029	.010	.013	.010	.84	.85	.84	.86	8,149	5,217	8,206	.001	.178	.000	-.13	.05	-.16
c. DDreligion	807	2.83	2.95	2.82	2.95	.031	.010	.013	.011	.88	.89	.89	.90	8,153	5,218	8,199	.001	.642	.000	-.13	.02	-.13
d. DDpolitical	807	2.83	2.91	2.95	3.01	.030	.010	.013	.010	.85	.90	.86	.88	8,159	5,225	8,214	.027	.001	.000	-.08	-.13	-.21
9 a. LSreading	802	2.88	2.91	2.92	3.01	.026	.009	.011	.009	.73	.76	.73	.74	8,080	5,202	8,173	.214	.098	.000	-.05	-.06	-.17
b. LSnotes	803	2.73	2.80	2.77	2.89	.032	.010	.013	.010	.90	.89	.88	.86	8,091	5,205	970	.039	.365	.000	-.08	-.03	-.18
c. LSsummary	802	2.64	2.70	2.67	2.80	.030	.010	.013	.010	.86	.86	.84	.86	8,067	5,179	8,146	.043	.299	.000	-.08	-.04	-.19
10. challenge	801	5.33	5.34	5.32	5.42	.038	.014	.018	.014	1.07	1.19	1.21	1.17	1,032	1,209	1,022	.755	.791	.025	-.01	.01	-.08
11 a. intern ^l	799	.050	.089	.049	.062	.0077	.0034	.0033	.0028	--	--	--	--	--	--	--	.000	.948	.176	-.16	.00	-.05
b. leader ^l	798	.086	.122	.104	.116	.0099	.0039	.0046	.0037	--	--	--	--	--	--	--	.003	.116	.010	-.12	-.06	-.10
c. learncom ^l	796	.049	.136	.092	.098	.0077	.0040	.0044	.0035	--	--	--	--	--	--	--	.000	.000	.000	-.31	-.17	-.19
d. abroad ^l	793	.023	.030	.034	.025	.0053	.0020	.0027	.0018	--	--	--	--	--	--	--	.241	.098	.657	-.05	-.07	-.02
e. research ^l	797	.026	.033	.035	.032	.0056	.0021	.0028	.0021	--	--	--	--	--	--	--	.293	.174	.343	-.04	-.06	-.04
f. capstone ^l	795	.019	.014	.009	.016	.0048	.0014	.0015	.0015	--	--	--	--	--	--	--	.236	.017	.484	.04	.08	.03
12. servcourse	798	1.54	1.58	1.64	1.57	.023	.008	.010	.008	.65	.65	.69	.67	7,908	5,144	8,042	.098	.000	.186	-.06	-.15	-.05
13 a. QIstudent	794	5.43	5.39	5.41	5.46	.044	.016	.019	.016	1.25	1.31	1.27	1.32	1,001	5,108	999	.368	.685	.506	.03	.02	-.02
b. QIadvisor	788	5.13	5.20	5.13	5.20	.055	.020	.025	.020	1.55	1.62	1.61	1.66	1,001	1,124	998	.213	.990	.199	-.05	.00	-.05
c. QIfaculty	788	5.20	5.15	5.22	5.31	.046	.016	.020	.016	1.30	1.37	1.29	1.32	992	5,100	7,996	.294	.738	.022	.04	-.01	-.09
d. QIstaff	743	5.11	5.00	5.10	5.14	.054	.019	.023	.019	1.48	1.55	1.48	1.55	7,245	4,798	931	.064	.870	.582	.07	.01	-.02
e. QIadmin	720	5.01	4.90	5.03	5.02	.055	.020	.024	.020	1.48	1.58	1.52	1.59	912	4,762	911	.079	.773	.860	.07	-.01	-.01
14 a. empstudy	790	3.03	3.15	3.04	3.13	.024	.009	.011	.008	.68	.74	.71	.71	1,016	5,014	990	.000	.866	.000	-.17	-.01	-.14
b. SEacademic	790	2.96	3.01	2.94	3.07	.026	.010	.012	.009	.74	.80	.77	.80	7,643	5,009	1,002	.082	.453	.000	-.07	.03	-.14
c. SElearnsup	788	2.99	3.03	2.97	3.12	.030	.010	.013	.010	.85	.86	.86	.85	7,616	5,004	970	.229	.461	.000	-.05	.03	-.16

NSSE 2018 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of Minnesota Duluth

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	UMD	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie
d. SEdiverse	785	2.71	2.70	2.65	2.75	.033	.011	.014	.011	.94	.95	.92	.95	7,594	4,991	7,858	.788	.095	.285	.01	.06	-.04
e. SEsocial	788	2.96	2.92	2.90	3.04	.028	.010	.012	.010	.80	.83	.80	.82	995	4,988	7,851	.194	.056	.008	.05	.07	-.10
f. SEwellness	784	2.94	2.92	2.91	3.01	.029	.010	.013	.010	.81	.86	.82	.85	993	4,985	7,837	.590	.443	.027	.02	.03	-.08
g. SEnonacad	779	2.23	2.25	2.33	2.40	.032	.011	.014	.012	.89	.92	.91	.97	7,587	1,098	995	.578	.007	.000	-.02	-.10	-.17
h. SEactivities	783	2.71	2.70	2.76	2.88	.029	.011	.013	.010	.81	.87	.84	.88	1,000	4,971	7,813	.801	.069	.000	.01	-.07	-.20
i. SEevents	785	2.35	2.42	2.50	2.58	.032	.011	.014	.011	.89	.90	.88	.93	7,560	4,971	984	.032	.000	.000	-.08	-.17	-.25
15 a. tmprephrs	785	15.39	15.32	14.84	14.83	.268	.101	.118	.094	7.50	8.29	7.65	7.90	1,019	4,968	989	.797	.064	.047	.01	.07	.07
b. tmcocurrhrs	782	5.39	5.38	5.63	6.39	.218	.079	.103	.080	6.08	6.50	6.64	6.70	999	1,158	1,005	.969	.314	.000	.00	-.04	-.15
c. tmworkonhrs	782	1.92	2.40	2.84	2.01	.161	.065	.090	.059	4.52	5.37	5.84	4.94	1,054	1,321	7,800	.007	.000	.638	-.09	-.16	-.02
d. tmworkoffhrs	786	3.10	4.39	4.89	3.87	.242	.103	.128	.096	6.79	8.49	8.30	8.03	1,092	1,268	1,046	.000	.000	.003	-.16	-.22	-.10
— tmworkhrs	780	4.92	6.76	7.66	5.85	.295	.120	.159	.117	8.24	9.82	10.26	9.78	1,052	1,276	1,039	.000	.000	.004	-.19	-.27	-.10
e. tmservicehrs	781	1.82	1.99	2.31	2.14	.145	.050	.073	.048	4.06	4.13	4.72	4.03	7,513	1,208	7,786	.257	.002	.032	-.04	-.11	-.08
f. tmrelaxhrs	785	14.87	13.97	13.57	13.09	.299	.108	.133	.100	8.37	8.84	8.60	8.39	7,523	4,964	7,785	.007	.000	.000	.10	.15	.21
g. tmcarehrs	786	.81	1.38	1.58	1.64	.117	.056	.078	.062	3.28	4.61	5.07	5.17	1,182	1,590	1,275	.000	.000	.000	-.13	-.16	-.17
h. tmcommutehrs	785	2.03	3.25	3.14	2.86	.141	.061	.077	.060	3.94	4.99	4.97	5.05	1,098	1,298	1,094	.000	.000	.000	-.25	-.23	-.17
16. reading	784	2.67	2.55	2.75	2.74	.039	.013	.016	.013	1.09	1.08	1.05	1.10	7,517	4,953	7,783	.002	.062	.091	.11	-.07	-.06
— tmreadinghrs	781	6.57	6.27	6.77	6.80	.186	.067	.084	.069	5.21	5.51	5.44	5.78	994	1,124	1,008	.136	.324	.237	.05	-.04	-.04
17 a. pgwrite	780	2.55	2.62	2.70	2.76	.029	.011	.013	.010	.80	.87	.82	.84	1,006	4,940	7,742	.019	.000	.000	-.08	-.19	-.25
b. pgspeak	780	2.41	2.56	2.60	2.66	.032	.011	.013	.011	.91	.90	.86	.89	7,510	1,058	7,738	.000	.000	.000	-.17	-.22	-.28
c. pgthink	780	2.98	2.95	2.98	3.05	.028	.010	.012	.009	.79	.83	.77	.78	991	4,943	7,735	.364	.963	.022	.03	.00	-.09
d. pganalyze	777	2.68	2.62	2.60	2.63	.033	.011	.013	.011	.93	.93	.86	.92	7,515	1,043	7,742	.131	.026	.134	.06	.09	.06
e. pgwork	782	2.43	2.55	2.52	2.59	.032	.011	.014	.011	.91	.92	.88	.92	7,519	4,944	7,741	.000	.009	.000	-.13	-.10	-.17
f. pgothers	776	2.73	2.75	2.79	2.84	.030	.010	.013	.010	.83	.85	.83	.84	7,502	4,944	7,723	.412	.037	.000	-.03	-.08	-.14
g. pgvalues	779	2.52	2.55	2.61	2.69	.032	.011	.014	.011	.91	.93	.89	.91	7,508	4,946	7,729	.417	.012	.000	-.03	-.10	-.18
h. pgdiverse	777	2.58	2.66	2.69	2.72	.032	.011	.014	.011	.91	.93	.89	.94	7,478	4,930	7,717	.028	.001	.000	-.08	-.13	-.15
i. pgprobsolve	779	2.54	2.56	2.55	2.61	.032	.011	.013	.011	.88	.90	.87	.90	7,489	4,935	7,723	.460	.806	.037	-.03	-.01	-.08
j. pgcitizen	779	2.49	2.55	2.60	2.67	.033	.011	.014	.011	.91	.93	.88	.91	7,484	4,934	7,716	.139	.002	.000	-.06	-.12	-.20
18. evalexp	777	3.08	3.13	3.15	3.27	.025	.009	.011	.008	.69	.73	.69	.71	991	1,086	967	.038	.009	.000	-.08	-.10	-.27
19. sameinst	782	3.11	3.22	3.19	3.28	.028	.010	.012	.009	.80	.79	.77	.79	969	4,938	961	.000	.010	.000	-.13	-.10	-.22
20. returnexp ¹	782	.849	.876	--	.893	.0128	.0064	--	.0048	--	--	--	--	--	--	--	.054	--	.000	-.08	--	-.13

NSSE 2018 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of Minnesota Duluth

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	UMD	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie
1 a. askquest	759	2.89	3.05	3.03	3.11	.032	.009	.013	.010	.87	.87	.86	.83	10,646	5,336	7,305	.000	.000	.000	-.18	-.16	-.26
b. drafts	759	2.11	2.30	2.29	2.24	.033	.010	.014	.012	.91	.99	.98	.98	902	1,069	972	.000	.000	.000	-.20	-.19	-.13
c. unpreparedr	751	2.82	2.88	2.95	2.90	.029	.008	.012	.010	.80	.82	.78	.80	10,571	1,004	7,250	.080	.000	.013	-.07	-.15	-.10
d. attendart	752	1.78	1.80	1.74	1.88	.032	.009	.013	.011	.88	.88	.85	.91	10,550	5,294	7,255	.538	.260	.004	-.02	.04	-.11
e. CLaskhelp	755	2.70	2.61	2.56	2.62	.031	.009	.013	.011	.86	.89	.86	.85	883	5,298	7,253	.006	.000	.012	.10	.16	.10
f. CLexplain	754	2.88	2.89	2.81	2.89	.029	.008	.012	.010	.80	.83	.81	.80	10,552	5,290	7,247	.925	.030	.785	.00	.09	-.01
g. CLstudy	750	2.64	2.61	2.52	2.66	.036	.010	.014	.012	.98	.97	.96	.94	10,497	5,279	7,223	.478	.002	.525	.03	.12	-.02
h. CLproject	743	3.07	3.00	2.95	3.02	.030	.009	.013	.010	.81	.87	.88	.84	10,481	5,261	7,202	.047	.000	.115	.08	.14	.06
i. present	748	2.74	2.83	2.82	2.95	.034	.009	.014	.011	.94	.92	.93	.90	10,490	5,272	914	.015	.044	.000	-.09	-.08	-.23
2 a. RIntegrate	745	2.93	2.99	2.99	2.98	.029	.008	.012	.010	.78	.82	.80	.80	10,419	5,248	7,157	.057	.044	.113	-.07	-.08	-.06
b. RIsocietal	743	2.60	2.76	2.76	2.81	.033	.009	.013	.011	.91	.92	.87	.87	10,379	981	906	.000	.000	.000	-.17	-.18	-.24
c. RIdiverse	736	2.36	2.56	2.57	2.64	.035	.010	.014	.012	.96	.97	.95	.92	10,297	5,201	7,090	.000	.000	.000	-.20	-.22	-.30
d. Rlownview	734	2.63	2.81	2.77	2.81	.031	.008	.012	.010	.84	.83	.81	.81	847	974	898	.000	.000	.000	-.22	-.17	-.22
e. Rlperspect	725	2.82	2.96	2.91	2.95	.030	.008	.012	.010	.81	.81	.81	.78	839	5,155	889	.000	.005	.000	-.17	-.11	-.16
f. Rlnewview	722	2.82	2.96	2.90	2.96	.030	.008	.012	.010	.79	.79	.78	.75	835	965	880	.000	.011	.000	-.18	-.10	-.19
g. Rlconnect	717	3.09	3.18	3.18	3.17	.026	.008	.011	.009	.70	.72	.71	.70	838	968	890	.001	.002	.003	-.13	-.13	-.12
3 a. SFcareer	715	2.40	2.43	2.49	2.64	.036	.010	.015	.012	.96	.97	.98	.95	10,009	5,108	6,861	.321	.015	.000	-.04	-.10	-.26
b. SFotherwork	717	2.03	2.00	2.05	2.18	.038	.010	.015	.013	1.02	1.01	1.01	1.04	9,991	5,098	900	.426	.607	.000	.03	-.02	-.15
c. SFdiscuss	711	2.18	2.24	2.22	2.37	.034	.010	.014	.012	.92	.92	.91	.93	9,949	5,074	889	.110	.387	.000	-.06	-.03	-.20
d. SFperform	716	2.09	2.18	2.17	2.33	.032	.009	.013	.012	.86	.90	.88	.91	842	980	913	.011	.024	.000	-.10	-.09	-.26
4 a. memorize	711	2.78	2.73	2.72	2.78	.031	.009	.013	.011	.83	.87	.87	.85	833	976	6,776	.157	.074	.893	.05	.07	-.01
b. HOapply	711	3.02	3.09	3.08	3.08	.029	.008	.012	.010	.78	.79	.78	.77	828	5,057	6,759	.032	.047	.054	-.08	-.08	-.08
c. HOanalyze	709	2.90	3.00	2.98	3.03	.031	.009	.012	.010	.82	.83	.82	.79	9,786	5,033	867	.002	.016	.000	-.12	-.10	-.17
d. HOevaluate	708	2.70	2.82	2.83	2.92	.033	.009	.013	.011	.89	.89	.86	.83	9,767	938	859	.001	.001	.000	-.13	-.14	-.26
e. HOform	709	2.76	2.88	2.86	2.93	.032	.009	.013	.011	.84	.85	.84	.81	9,724	5,010	873	.000	.003	.000	-.14	-.12	-.20
5 a. ETgoals	707	2.99	3.12	3.03	3.17	.028	.008	.012	.009	.74	.76	.77	.73	827	5,003	876	.000	.207	.000	-.17	-.05	-.25
b. ETorganize	707	2.95	3.05	2.99	3.11	.028	.008	.012	.010	.74	.78	.78	.75	835	4,995	889	.001	.178	.000	-.12	-.05	-.22
c. ETexample	707	3.01	3.09	3.05	3.16	.030	.008	.012	.010	.79	.80	.80	.75	825	964	866	.011	.245	.000	-.10	-.05	-.20
d. ETdraftfb	707	2.64	2.72	2.65	2.82	.033	.010	.014	.012	.87	.94	.94	.92	842	999	6,615	.022	.716	.000	-.08	-.01	-.19
e. ETfeedback	699	2.70	2.78	2.70	2.86	.032	.009	.013	.011	.84	.87	.87	.84	9,622	4,980	6,596	.025	.980	.000	-.09	.00	-.19

NSSE 2018 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of Minnesota Duluth

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	UMD	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie
6 a. QRconclude	693	2.63	2.67	2.58	2.63	.034	.010	.014	.012	.91	.92	.90	.91	9,597	4,976	6,557	.344	.163	.996	-.04	.06	.00
b. QRproblem	692	2.38	2.40	2.38	2.42	.036	.010	.014	.013	.95	.96	.93	.96	9,553	4,960	6,533	.620	.954	.272	-.02	.00	-.04
c. QRevaluate	692	2.41	2.45	2.38	2.45	.034	.010	.014	.012	.89	.91	.88	.91	9,558	4,971	6,536	.392	.385	.265	-.03	.04	-.04
7 a. wrshortnum	691	7.90	7.89	7.72	7.36	.263	.074	.103	.084	6.91	6.71	6.53	6.29	802	913	836	.973	.529	.049	.00	.03	.09
b. wrmednum	690	3.42	3.50	3.33	3.39	.168	.046	.064	.055	4.40	4.23	4.04	4.11	8,965	4,712	6,339	.643	.599	.890	-.02	.02	.01
c. wrlongnum	687	1.73	1.93	1.84	1.78	.118	.037	.053	.042	3.08	3.41	3.35	3.14	831	4,722	6,343	.099	.393	.648	-.06	-.04	-.02
— wrpages	687	76.90	80.23	77.21	75.70	3.359	.979	1.373	1.126	88.03	88.79	86.82	84.42	8,908	4,686	6,308	.345	.933	.726	-.04	.00	.01
8 a. DDrace	688	2.66	3.01	2.75	2.95	.035	.010	.015	.012	.92	.91	.93	.90	802	4,726	855	.000	.030	.000	-.38	-.09	-.31
b. DDeconomic	688	2.82	3.03	2.87	2.99	.032	.009	.014	.011	.84	.85	.86	.84	8,940	4,712	6,311	.000	.227	.000	-.24	-.05	-.20
c. DDreligion	688	2.78	3.00	2.86	2.95	.034	.010	.014	.012	.88	.90	.91	.90	8,941	4,715	6,316	.000	.032	.000	-.24	-.09	-.20
d. DDpolitical	689	2.84	2.90	2.95	3.01	.034	.010	.014	.012	.88	.91	.89	.87	8,945	4,711	860	.059	.003	.000	-.07	-.12	-.20
9 a. LSreading	687	2.88	3.06	3.02	3.09	.031	.009	.012	.010	.82	.81	.78	.76	8,915	913	837	.000	.000	.000	-.22	-.17	-.27
b. LSnotes	685	2.47	2.72	2.68	2.72	.037	.010	.015	.013	.97	.94	.94	.94	8,909	4,690	6,303	.000	.000	.000	-.27	-.23	-.27
c. LSsummary	686	2.56	2.73	2.68	2.76	.035	.010	.014	.012	.91	.90	.89	.89	8,891	4,680	852	.000	.001	.000	-.18	-.14	-.23
10. challenge	684	5.31	5.45	5.37	5.47	.046	.014	.020	.016	1.21	1.25	1.29	1.23	810	966	6,255	.004	.236	.002	-.11	-.05	-.13
11 a. intern ^l	683	.516	.523	.543	.604	.0191	.0055	.0079	.0066	--	--	--	--	--	--	--	.728	.197	.000	-.01	-.05	-.18
b. leader ^l	681	.372	.364	.400	.498	.0185	.0053	.0078	.0067	--	--	--	--	--	--	--	.680	.170	.000	.02	-.06	-.25
c. learncom ^l	680	.233	.235	.251	.261	.0162	.0047	.0069	.0059	--	--	--	--	--	--	--	.947	.316	.118	.00	-.04	-.06
d. abroad ^l	682	.158	.127	.150	.221	.0140	.0037	.0057	.0056	--	--	--	--	--	--	--	.021	.583	.000	.09	.02	-.16
e. research ^l	675	.217	.248	.255	.274	.0159	.0048	.0069	.0060	--	--	--	--	--	--	--	.068	.035	.002	-.07	-.09	-.13
f. capstone ^l	678	.334	.504	.464	.584	.0181	.0055	.0079	.0066	--	--	--	--	--	--	--	.000	.000	.000	-.35	-.27	-.51
12. servcourse	675	1.68	1.72	1.85	1.80	.027	.008	.011	.009	.70	.69	.70	.68	8,800	921	837	.166	.000	.000	-.06	-.24	-.17
13 a. Qlstudent	674	5.54	5.55	5.54	5.63	.049	.014	.020	.017	1.27	1.29	1.27	1.29	8,739	4,589	6,181	.798	.990	.092	-.01	.00	-.07
b. Qladvisor	667	4.96	5.02	4.97	5.04	.068	.020	.028	.024	1.75	1.75	1.77	1.76	8,617	4,591	6,154	.437	.972	.268	-.03	.00	-.05
c. Qlfaculty	672	5.35	5.44	5.30	5.59	.050	.015	.022	.017	1.30	1.35	1.40	1.23	8,747	4,613	827	.093	.478	.000	-.07	.03	-.20
d. Qlstaff	592	4.97	4.82	4.86	5.00	.064	.020	.028	.023	1.57	1.63	1.63	1.59	708	4,030	5,555	.022	.104	.713	.10	.07	-.02
e. Qladmin	622	4.96	4.81	4.82	4.98	.065	.019	.027	.022	1.62	1.63	1.62	1.58	8,216	4,328	5,874	.033	.056	.749	.09	.08	-.01
14 a. empstudy	673	3.01	3.12	3.05	3.08	.029	.009	.012	.010	.75	.76	.76	.75	795	4,543	6,150	.000	.192	.021	-.14	-.05	-.09
b. SEacademic	671	2.85	2.86	2.83	2.98	.031	.009	.013	.011	.79	.83	.80	.79	8,556	4,529	839	.755	.511	.000	-.01	.03	-.17
c. SElearnsup	667	2.76	2.71	2.70	2.86	.036	.010	.015	.012	.92	.93	.91	.90	8,553	4,526	6,123	.188	.093	.011	.05	.07	-.10

NSSE 2018 Frequencies and Statistical Comparisons

Detailed Statistics^g

University of Minnesota Duluth

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	UMD	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	UMD	UMD Peers	UMD Competitors	NSSE Carnegie	Comparisons with:			Comparisons with:			Comparisons with:		
														UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie	UMD Peers	UMD Competitors	NSSE Carnegie
d. SEdiverse	670	2.39	2.50	2.46	2.54	.038	.011	.015	.013	.98	.97	.95	.96	8,550	4,528	6,109	.007	.087	.000	-.11	-.07	-.16
e. SEsocial	665	2.78	2.78	2.77	2.95	.034	.010	.014	.011	.87	.88	.86	.85	8,517	4,510	825	.972	.828	.000	.00	.01	-.20
f. SEwellness	663	2.78	2.71	2.74	2.87	.035	.011	.015	.012	.89	.94	.90	.89	791	4,502	6,103	.095	.377	.009	.06	.04	-.11
g. SEnonacad	665	2.00	1.96	2.02	2.14	.035	.010	.015	.013	.90	.93	.90	.94	8,515	4,505	854	.357	.492	.000	.04	-.03	-.16
h. SEactivities	666	2.50	2.49	2.49	2.71	.034	.011	.015	.012	.87	.94	.93	.91	804	945	6,097	.905	.889	.000	.00	.01	-.24
i. SEevents	665	2.27	2.32	2.31	2.45	.033	.011	.015	.012	.86	.93	.91	.90	803	937	854	.173	.281	.000	-.05	-.04	-.20
15 a. tmprephrs	666	15.59	15.59	15.22	14.42	.340	.102	.140	.112	8.78	9.01	8.69	8.22	8,477	4,506	815	.984	.310	.001	.00	.04	.14
b. tmcocurrhrs	666	6.05	4.84	5.01	6.75	.291	.080	.112	.102	7.50	7.04	6.91	7.49	768	872	6,070	.000	.001	.024	.17	.15	-.09
c. tmworkonhrs	664	3.96	3.63	3.67	4.04	.279	.079	.113	.093	7.18	6.94	7.01	6.86	8,462	4,496	6,067	.242	.323	.785	.05	.04	-.01
d. tmworkoffhrs	666	10.74	12.13	12.92	8.44	.432	.140	.199	.149	11.15	12.39	12.31	10.94	811	967	830	.002	.000	.000	-.11	-.18	.21
— tmworkhrs	662	14.67	15.72	16.57	12.44	.472	.143	.193	.157	12.15	12.58	11.94	11.55	787	4,486	6,041	.033	.000	.000	-.08	-.16	.19
e. tmservicehrs	665	2.87	2.80	2.87	2.95	.209	.058	.080	.068	5.38	5.13	4.97	4.98	8,469	872	6,072	.757	.992	.683	.01	.00	-.02
f. tmrelaxhrs	665	12.91	11.38	11.23	12.20	.319	.093	.130	.112	8.22	8.23	8.05	8.24	8,486	4,501	6,076	.000	.000	.036	.19	.21	.09
g. tmcarehrs	663	2.06	4.03	3.80	2.75	.254	.106	.146	.104	6.53	9.35	9.03	7.61	910	1,149	898	.000	.000	.012	-.21	-.20	-.09
h. tmcommutehrs	663	4.43	5.07	4.46	4.40	.180	.062	.088	.068	4.64	5.51	5.46	5.02	828	1,006	863	.001	.854	.887	-.12	-.01	.01
16. reading	666	2.58	2.71	2.76	2.78	.046	.014	.019	.016	1.18	1.20	1.18	1.17	8,475	4,502	6,069	.008	.000	.000	-.11	-.15	-.18
— tmreadinghrs	663	6.58	6.92	7.00	6.73	.236	.070	.100	.080	6.08	6.21	6.21	5.89	8,435	4,486	6,035	.176	.104	.534	-.05	-.07	-.03
17 a. pgwrite	664	2.87	2.90	2.93	3.05	.033	.010	.014	.011	.86	.90	.86	.83	8,432	4,476	6,038	.407	.098	.000	-.03	-.07	-.22
b. pgspeak	664	2.77	2.86	2.87	3.08	.035	.010	.015	.011	.89	.91	.90	.83	8,437	4,485	812	.017	.006	.000	-.10	-.12	-.37
c. pgthink	664	3.21	3.27	3.26	3.37	.031	.009	.013	.010	.80	.80	.78	.73	8,451	4,484	6,045	.061	.092	.000	-.08	-.07	-.23
d. pganalyze	665	2.93	2.85	2.80	2.86	.036	.011	.016	.013	.92	.98	.96	.96	800	935	855	.037	.001	.087	.08	.14	.07
e. pgwork	664	2.79	2.94	2.94	3.02	.036	.011	.015	.012	.92	.94	.93	.91	8,441	4,476	832	.000	.000	.000	-.16	-.15	-.25
f. pgothers	661	3.05	3.06	3.05	3.22	.032	.010	.014	.011	.83	.86	.85	.79	8,437	4,474	6,038	.766	.969	.000	-.01	.00	-.21
g. pgvalues	661	2.64	2.73	2.76	2.93	.037	.011	.016	.013	.96	.99	.98	.93	8,438	4,477	820	.035	.005	.000	-.09	-.12	-.31
h. pgdiverse	662	2.60	2.73	2.71	2.84	.037	.011	.016	.013	.95	.98	.97	.94	8,430	4,475	828	.001	.004	.000	-.14	-.12	-.26
i. pgprobsolve	664	2.76	2.80	2.76	2.87	.035	.011	.015	.012	.90	.93	.93	.91	8,428	4,471	6,051	.307	.966	.004	-.04	.00	-.12
j. pgcitizen	662	2.45	2.61	2.63	2.79	.037	.011	.016	.013	.95	.98	.96	.95	8,415	4,471	6,037	.000	.000	.000	-.16	-.18	-.35
18. evalexp	665	3.13	3.21	3.16	3.36	.028	.009	.013	.010	.72	.77	.77	.70	799	953	829	.006	.437	.000	-.10	-.03	-.32
19. sameinst	668	3.09	3.20	3.13	3.29	.030	.009	.014	.011	.78	.84	.85	.80	804	964	852	.001	.332	.000	-.13	-.04	-.25

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" or "Yes."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the t -tests. Values differ from N s due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent t -tests or z -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress" or "Yes."