



NSSE 2021

Frequencies and Statistical Comparisons


Northern Michigan University

NSSE 2021 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.

1. **Class level:** As reported by your institution.
 2. **Item numbers:** Numbering corresponds to the survey available on the NSSE website.
 3. **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.
 4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
 5. **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: go.iu.edu/NSSE-weights
6. **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 Frequencies and Statistical Comparisons

NSSEville State University

		Frequency Distributions ^a								Statistical Comparisons ^b									
		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort			
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	
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	135	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	858	31	67,348	29								
		4	Very often	113	19	3,072	20	611	22	47,208	21								
			Total	626	100	19,948	100	2,851	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								

7. **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 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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							
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU	Great Lakes Peers	Crngie Size/Setting	National Peers				
				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	17	4	221	4	448	3	137	4	2.8	2.7	.04	2.8	-.09	2.8	.01	
		2	Sometimes	130	34	2,499	41	5,977	36	1,551	39								
		3	Often	150	42	2,145	34	6,008	36	1,338	34								
		4	Very often	72	19	1,351	21	4,137	25	821	23								
		Total		369	100	6,216	100	16,570	100	3,847	100								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	81	22	695	12	1,843	12	350	10	2.2	2.5 ***	-.33	2.5 ***	-.34	2.5 ***	-.39	
		2	Sometimes	166	44	2,559	42	6,646	40	1,536	41								
		3	Often	91	25	1,998	32	5,355	32	1,288	32								
		4	Very often	32	8	935	15	2,648	16	653	17								
		Total		370	100	6,187	100	16,492	100	3,827	100								
c. Explained course material to one or more students	CLexplain	1	Never	56	15	461	8	1,344	9	256	8	2.3	2.6 ***	-.30	2.6 ***	-.29	2.6 ***	-.34	
		2	Sometimes	176	48	2,547	41	6,533	40	1,492	40								
		3	Often	101	27	2,295	37	5,963	35	1,430	35								
		4	Very often	36	10	872	15	2,596	16	632	17								
		Total		369	100	6,175	100	16,436	100	3,810	100								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	136	37	1,331	22	3,077	20	683	19	2.0	2.3 ***	-.27	2.4 ***	-.37	2.4 ***	-.38	
		2	Sometimes	119	32	2,298	38	5,818	35	1,372	36								
		3	Often	79	23	1,713	27	4,883	29	1,155	30								
		4	Very often	31	9	791	13	2,575	15	594	15								
		Total		365	100	6,133	100	16,353	100	3,804	100								
e. Worked with other students on course projects or assignments	CLproject	1	Never	62	17	562	10	1,469	10	249	8	2.2	2.5 ***	-.39	2.6 ***	-.45	2.6 ***	-.52	
		2	Sometimes	188	52	2,562	42	6,056	37	1,392	37								
		3	Often	90	25	2,077	33	5,920	36	1,499	38								
		4	Very often	21	6	895	14	2,796	17	635	16								
		Total		361	100	6,096	100	16,241	100	3,775	100								
f. Given a course presentation	present	1	Never	96	25	1,355	23	2,896	19	694	19	2.0	2.2 ***	-.26	2.3 ***	-.37	2.3 ***	-.38	
		2	Sometimes	200	56	2,726	44	7,276	44	1,639	43								
		3	Often	54	15	1,476	24	4,221	25	992	26								
		4	Very often	10	3	532	9	1,828	11	443	12								
		Total		360	100	6,089	100	16,221	100	3,768	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 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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	NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	45	13	537	10	1,430	10	328	9	2.4	2.5 *	-0.13	2.6 **	-0.14	2.6 **	-0.16	▽
		2	Sometimes	160	44	2,390	40	6,256	39	1,397	39								
		3	Often	110	31	2,252	37	5,929	36	1,435	37								
		4	Very often	44	12	822	14	2,315	14	537	15								
		Total		359	100	6,001	100	15,930	100	3,697	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	37	11	676	13	1,425	10	332	10	2.6	2.5 **	.14	2.6	.01	2.6	.01	△
		2	Sometimes	126	35	2,442	41	6,028	38	1,442	38								
		3	Often	135	38	2,020	33	5,856	36	1,336	36								
		4	Very often	57	16	807	13	2,481	16	567	16								
		Total		355	100	5,945	100	15,790	100	3,677	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	37	11	772	15	1,449	10	388	11	2.6	2.4 ***	.21	2.6	.02	2.6	.03	△
		2	Sometimes	115	33	2,423	41	5,785	37	1,347	36								
		3	Often	137	39	1,855	30	5,657	35	1,267	34								
		4	Very often	65	18	838	14	2,747	18	635	19								
		Total		354	100	5,888	100	15,638	100	3,637	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	17	5	337	6	685	5	168	5	2.7	2.7	.07	2.8	-0.05	2.8	-0.05	
		2	Sometimes	111	32	2,049	35	4,945	32	1,170	32								
		3	Often	164	47	2,454	42	7,006	45	1,607	43								
		4	Very often	55	16	967	17	2,818	19	652	20								
		Total		347	100	5,807	100	15,454	100	3,597	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	11	4	189	4	451	3	103	3	2.9	2.8	.05	2.9	-0.05	2.9	-0.06	
		2	Sometimes	89	27	1,665	30	3,834	25	907	26								
		3	Often	161	47	2,598	44	7,209	47	1,667	46								
		4	Very often	78	23	1,259	22	3,663	25	855	26								
		Total		339	100	5,711	100	15,157	100	3,532	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	11	3	220	5	443	3	98	3	2.8	2.8	.00	2.8	-0.11	2.8	-0.10	
		2	Sometimes	116	36	1,826	33	4,477	30	1,066	31								
		3	Often	147	43	2,516	44	6,937	46	1,632	45								
		4	Very often	58	18	1,062	18	3,075	21	692	21								
		Total		332	100	5,624	100	14,932	100	3,488	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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First-Year Students

Frequency Distributions^a

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Item wording or description	Variable name ^c	Values ^d	Response options	NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU	Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	0	81	2	232	2	50	2	3.0	3.0	.07	3.0	.02	3.0	.03
		2	Sometimes	81	25	1,248	23	3,099	22	751	23							
		3	Often	153	46	2,794	50	7,433	50	1,719	48							
		4	Very often	96	29	1,399	25	3,952	27	914	27							
		Total		331	100	5,522	100	14,716	100	3,434	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	76	23	963	19	2,647	19	721	21	2.2	2.3	-.10	2.3 *	-.13	2.3	-.08
		2	Sometimes	150	45	2,476	45	6,428	43	1,494	42							
		3	Often	64	19	1,373	24	3,640	25	789	23							
		4	Very often	41	12	706	12	1,970	14	427	13							
		Total		331	100	5,518	100	14,685	100	3,431	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	190	58	2,808	52	7,063	48	1,712	49	1.6	1.7 **	-.15	1.8 ***	-.23	1.8 ***	-.23
		2	Sometimes	97	29	1,649	30	4,549	30	1,038	30							
		3	Often	33	10	713	12	2,082	14	463	14							
		4	Very often	10	3	310	5	938	7	210	7							
		Total		330	100	5,480	100	14,632	100	3,423	100							
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	141	42	1,839	34	4,671	33	1,170	34	1.8	2.0 *	-.13	2.0 ***	-.20	2.0 **	-.16
		2	Sometimes	111	36	2,304	43	6,070	41	1,415	41							
		3	Often	56	18	942	17	2,657	19	579	18							
		4	Very often	12	4	350	6	1,060	8	221	7							
		Total		320	100	5,435	100	14,458	100	3,385	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	85	26	1,448	27	3,542	24	921	26	2.0	2.1	-.05	2.2 **	-.15	2.2 **	-.14
		2	Sometimes	164	51	2,512	47	6,544	45	1,482	42							
		3	Often	59	19	1,062	19	3,152	22	695	22							
		4	Very often	15	5	396	7	1,225	9	292	10							
		Total		323	100	5,418	100	14,463	100	3,390	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	19	6	202	4	589	4	143	4	2.8	2.9	-.05	2.9	-.05	2.9	-.04
		2	Some	84	26	1,437	27	3,894	28	888	27							
		3	Quite a bit	147	46	2,537	47	6,550	45	1,593	46							
		4	Very much	72	22	1,196	22	3,326	23	736	22							
		Total		322	100	5,372	100	14,359	100	3,360	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 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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											
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	21	7	193	4	523	4	138	5	2.8	2.8	-.04	2.9	-.07	2.8	-.02	
		2	Some	86	27	1,497	29	3,851	28	972	30								
		3	Quite a bit	148	46	2,529	47	6,774	47	1,539	44								
		4	Very much	63	21	1,119	21	3,126	22	695	21								
		Total		318	100	5,338	100	14,274	100	3,344	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	17	5	238	5	566	4	150	5	2.8	2.8	-.06	2.9 *	-13	2.8	-.08	
		2	Some	107	33	1,569	30	3,968	29	1,009	31								
		3	Quite a bit	134	43	2,376	44	6,361	44	1,422	42								
		4	Very much	58	19	1,094	20	3,195	23	725	23								
		Total		316	100	5,277	100	14,090	100	3,306	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	23	7	221	5	514	4	136	4	2.8	2.8	-.05	2.9 *	-15	2.9	-.11	
		2	Some	88	28	1,517	30	3,750	27	934	29								
		3	Quite a bit	141	45	2,434	46	6,505	46	1,481	44								
		4	Very much	61	20	1,068	20	3,233	23	742	23								
		Total		313	100	5,240	100	14,002	100	3,293	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	11	4	232	5	532	4	136	4	2.8	2.8	.00	2.9	-11	2.9	-.07	
		2	Some	96	32	1,520	30	3,733	27	919	28								
		3	Quite a bit	147	47	2,439	46	6,504	46	1,521	46								
		4	Very much	56	18	1,013	19	3,156	23	697	22								
		Total		310	100	5,204	100	13,925	100	3,273	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	9	3	113	3	327	3	82	3	3.0	3.0	-.04	3.0	-.07	3.0	-.01	
		2	Some	71	23	1,127	22	2,918	22	763	24								
		3	Quite a bit	143	46	2,444	47	6,370	45	1,515	45								
		4	Very much	85	28	1,470	29	4,216	31	895	29								
		Total		308	100	5,154	100	13,831	100	3,255	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	10	3	227	5	636	5	174	6	2.9	2.9	.01	3.0	-.04	2.9	.05	
		2	Some	79	25	1,176	23	2,985	22	816	25								
		3	Quite a bit	141	47	2,429	47	6,280	44	1,458	44								
		4	Very much	76	25	1,308	25	3,884	29	792	25								
		Total		306	100	5,140	100	13,785	100	3,240	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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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										
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	14	5	182	4	486	4	125	4	2.9	3.0	-.04	3.0	-.07	2.9	.00
		2	Some	76	25	1,202	24	3,139	24	804	26							
		3	Quite a bit	135	44	2,281	44	6,008	43	1,459	44							
		4	Very much	79	27	1,467	28	4,120	30	849	27							
		Total		304	100	5,132	100	13,753	100	3,237	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	18	6	369	8	964	7	223	7	2.8	2.8	.07	2.8	-.01	2.8	.03
		2	Some	87	29	1,546	31	3,886	28	991	30							
		3	Quite a bit	130	42	1,967	38	5,257	38	1,251	38							
		4	Very much	68	23	1,239	23	3,618	27	759	24							
		Total		303	100	5,121	100	13,725	100	3,224	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	23	8	390	8	1,054	8	272	8	2.7	2.7	-.03	2.8 *	-.12	2.7	-.05
		2	Some	112	37	1,736	34	4,300	32	1,104	34							
		3	Quite a bit	115	38	1,999	39	5,247	37	1,216	37							
		4	Very much	51	17	976	19	3,071	23	633	21							
		Total		301	100	5,101	100	13,672	100	3,225	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	11	4	53	5	231	4	40	6	3.0	2.8 **	.17	3.0	-.01	2.9	.12
		2	Some	61	20	275	27	1,324	23	184	26							
		3	Quite a bit	148	50	443	45	2,473	42	283	41							
		4	Very much	76	26	216	22	1,690	30	158	26							
		Total		296	100	987	100	5,718	100	665	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	9	3	44	4	178	3	30	4	2.9	2.8	.10	3.0	-.07	2.9	.06
		2	Some	71	24	288	30	1,326	24	182	28							
		3	Quite a bit	154	51	442	44	2,629	45	306	45							
		4	Very much	61	22	208	22	1,563	28	143	23							
		Total		295	100	982	100	5,696	100	661	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	32	11	134	14	555	10	85	13	2.5	2.4 *	.13	2.6	-.11	2.5	.05
		2	Some	114	38	412	42	2,012	35	267	40							
		3	Quite a bit	113	39	332	33	2,158	37	229	34							
		4	Very much	34	12	101	11	959	18	79	13							
		Total		293	100	979	100	5,684	100	660	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 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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											
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	8	3	43	5	165	3	30	5	3.0	3.0	.03	3.1 *	-0.12	3.0	-0.01	
		2	Some	63	21	209	22	1,019	19	132	20								
		3	Quite a bit	142	49	438	45	2,515	43	297	45								
		4	Very much	80	27	288	28	1,965	35	196	30								
		Total		293	100	978	100	5,664	100	655	100								
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	20	7	531	11	1,463	10	320	10	2.6	2.5	.04	2.6	.04	2.6	.03	
		2	Sometimes	122	41	1,936	39	5,219	38	1,231	39								
		3	Often	111	38	1,832	36	4,799	36	1,186	38								
		4	Very often	37	14	697	15	1,889	15	433	14								
		Total		290	100	4,996	100	13,370	100	3,170	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	49	17	990	20	2,488	19	567	18	2.3	2.3	.02	2.3	-0.03	2.4	-0.04	
		2	Sometimes	127	43	2,058	41	5,459	40	1,298	40								
		3	Often	85	31	1,361	27	3,849	29	934	30								
		4	Very often	25	9	550	11	1,504	12	357	12								
		Total		286	100	4,959	100	13,300	100	3,156	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	54	19	925	19	2,445	18	544	17	2.2	2.3	-0.03	2.3	-0.08	2.3	-0.10	
		2	Sometimes	125	42	2,130	43	5,615	42	1,334	42								
		3	Often	89	32	1,457	29	3,844	29	959	30								
		4	Very often	16	6	433	9	1,331	11	298	10								
		Total		284	100	4,945	100	13,235	100	3,135	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>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	10	3	305	6	762	6	196	7	5.9	6.3	-0.07	6.5	-0.10	6.2	-0.04	
		1.5	1-2	80	28	1,035	21	2,618	20	627	20								
		4	3-5	89	32	1,657	33	4,262	33	1,047	34								
		8	6-10	62	22	1,112	23	2,935	22	703	22								
		13	11-15	21	8	457	10	1,377	10	300	9								
		18	16-20	10	4	182	4	582	4	132	4								
		23	More than 20	10	3	196	4	668	5	122	4								
Total		282	100	4,944	100	13,204	100	3,127	100										

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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							
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU	Great Lakes Peers	Crngie Size/Setting	National Peers	Effect size ^e	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Between 6 and 10 pages	wrmednum	0	None	123	43	1,943	39	4,698	37	1,104	36	1.7	2.1 *	-0.11	2.3 **	-0.16	2.3 **	-0.16	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	105	38	1,782	36	4,922	36	1,187	37								
		4	3-5	37	13	790	16	2,292	17	538	17								
		8	6-10	12	5	289	6	851	7	200	6								
		13	11-15	2	1	78	2	255	2	59	2								
		18	16-20	1	0	20	0	57	0	15	1								
		23	More than 20	1	0	33	1	86	1	16	1								
		Total		281	100	4,935	100	13,161	100	3,119	100								
c. 11 pages or more	wrlongnum	0	None	236	83	3,827	78	10,164	77	2,433	77	.7	.8	-0.05	1.0	-0.09	1.0 *	-0.11	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	28	10	755	15	2,005	14	443	14								
		4	3-5	11	4	176	4	448	4	105	4								
		8	6-10	3	1	82	2	261	2	64	2								
		13	11-15	3	1	52	1	173	1	44	2								
		18	16-20	0	0	12	0	41	0	11	0								
		23	More than 20	1	0	29	1	83	1	22	1								
		Total		282	100	4,933	100	13,175	100	3,122	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									41.9	47.6	-0.08	51.7 *	-0.13	51.5 *	-0.13	
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	30	11	279	6	735	6	178	6	2.5	2.9 ***	-0.41	2.9 ***	-0.46	2.9 ***	-0.42	
		2	Sometimes	131	46	1,624	32	3,771	29	956	31								
		3	Often	75	27	1,526	31	4,294	32	997	31								
		4	Very often	46	17	1,491	30	4,319	33	976	32								
			Total	282	100	4,920	100	13,119	100	3,107	100								
b. People from an economic background other than your own	DDeconomic	1	Never	20	7	251	5	674	6	142	5	2.8	2.9	-0.12	2.9 **	-0.16	2.9 *	-0.16	
		2	Sometimes	88	31	1,452	29	3,496	27	873	29								
		3	Often	111	40	1,842	38	4,912	37	1,150	36								
		4	Very often	61	22	1,368	28	4,016	30	935	30								
			Total	280	100	4,913	100	13,098	100	3,100	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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											
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. People with religious beliefs other than your own	DDreligion	1	Never	23	8	320	7	1,082	9	235	8	2.8	2.9	-.10	2.8	-.01	2.8	-.03	
		2	Sometimes	88	31	1,458	29	4,122	31	929	31								
		3	Often	100	36	1,670	34	4,246	32	1,063	33								
		4	Very often	69	25	1,464	30	3,649	28	872	28								
		Total		280	100	4,912	100	13,099	100	3,099	100								
d. People with political views other than your own	DDpolitical	1	Never	19	7	314	7	941	8	236	9	2.8	2.8	-.02	2.8	.01	2.8	.06	
		2	Sometimes	88	32	1,490	30	3,995	31	982	32								
		3	Often	96	34	1,706	35	4,372	33	1,021	32								
		4	Very often	77	27	1,401	28	3,794	28	865	27								
		Total		280	100	4,911	100	13,102	100	3,104	100								
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	6	2	125	3	273	2	66	3	2.9	2.9	-.01	3.0	-.12	3.0	-.08	
		2	Sometimes	72	26	1,269	27	3,023	24	760	25								
		3	Often	141	51	2,333	47	6,251	48	1,483	48								
		4	Very often	55	20	1,155	23	3,453	26	767	25								
		Total		274	100	4,882	100	13,000	100	3,076	100								
b. Reviewed your notes after class	LSnotes	1	Never	23	9	219	5	589	5	134	5	2.8	2.9	-.01	2.9	-.07	2.9	-.04	
		2	Sometimes	69	26	1,450	31	3,726	29	913	30								
		3	Often	102	37	1,805	37	4,762	36	1,173	38								
		4	Very often	80	28	1,401	27	3,911	29	854	27								
		Total		274	100	4,875	100	12,988	100	3,074	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	18	7	288	6	697	5	170	6	2.8	2.7	.06	2.8	-.04	2.8	.01	
		2	Sometimes	74	27	1,581	34	3,932	30	984	32								
		3	Often	125	46	1,901	39	5,211	40	1,244	41								
		4	Very often	57	21	1,100	21	3,155	24	671	22								
		Total		274	100	4,870	100	12,995	100	3,069	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a						Statistical Comparisons ^b													
				<i>Your first-year students compared with</i>																			
Item wording or description		Variable name ^c		Values ^d		Response options		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
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	1	37	1	104	1	33	1	5.2	5.3	-11	5.4 **	-16	5.2	-05		
				2			5	2	59	2	162	1	40	1									
				3			15	6	222	5	569	5	159	6									
				4			48	18	616	13	1,579	13	435	15									
				5			92	34	1,740	36	4,419	34	1,136	35									
				6			59	21	1,231	25	3,321	25	727	23									
		7 Very much		48	18	946	19	2,741	22	526	18												
		Total		270	100	4,851	100	12,895	100	3,056	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 <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided		52	20	715	15	1,865	16	469	17	5%	6%	-05	8%	-11	6%	-05			
				Do not plan to do		10	4	265	6	657	6	162	5										
				Plan to do		196	71	3,577	73	9,340	71	2,228	72										
				Done or in progress		13	5	275	6	963	8	176	6										
				Total		271	100	4,832	100	12,825	100	3,035	100										
b. Hold a formal leadership role in a student organization or group		leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided		108	40	1,558	32	3,993	31	953	31	8%	8%	.01	9%	-01	8%	.03			
				Do not plan to do		69	25	1,333	29	3,259	26	818	27										
				Plan to do		71	26	1,537	31	4,384	34	1,026	35										
				Done or in progress		23	8	388	8	1,154	9	235	8										
				Total		271	100	4,816	100	12,790	100	3,032	100										
c. Participate in a learning community or some other formal program where groups of students take two or more classes together		learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided		118	44	1,893	39	4,816	37	1,089	36	7%	8%	-03	9%	-09	9%	-09			
				Do not plan to do		76	29	1,367	29	3,141	25	816	25										
				Plan to do		58	20	1,179	24	3,561	29	840	29										
				Done or in progress		18	7	361	8	1,229	9	283	9										
				Total		270	100	4,800	100	12,747	100	3,028	100										
d. Participate in a study abroad program		abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided		100	37	1,493	31	4,010	31	917	31	0%	2% *	-26	2% *	-28	2% *	-28			
				Do not plan to do		87	32	1,718	38	3,837	32	861	29										
				Plan to do		83	31	1,514	30	4,655	35	1,185	38										
				Done or in progress		0	0	77	2	248	2	62	2										
				Total		270	100	4,802	100	12,750	100	3,025	100										

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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											
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	115	43	2,057	43	5,392	42	1,285	42	5%	4%	.07	4%	.05	4%	.05	
			Do not plan to do	57	21	1,183	25	3,158	25	687	23								
			Plan to do	83	31	1,391	29	3,712	29	959	32								
			Done or in progress	14	5	173	4	474	4	96	4								
			Total	269	100	4,804	100	12,736	100	3,027	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	119	44	1,824	38	4,477	36	1,092	36	0%	2%	-0.15	2%	-0.17	2% *	-0.18	
			Do not plan to do	31	11	543	12	1,301	11	316	10								
			Plan to do	118	44	2,347	48	6,718	51	1,561	51								
			Done or in progress	1	0	82	2	224	2	55	2								
			Total	269	100	4,796	100	12,720	100	3,024	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse	1 None	None	179	67	2,524	53	5,671	46	1,436	48	1.4	1.6 ***	-0.25	1.7 ***	-0.39	1.6 ***	-0.35	
			Some	75	27	1,883	39	5,707	44	1,300	41								
			Most	10	4	311	6	1,046	9	217	8								
			All	3	1	53	1	241	2	64	3								
			Total	267	100	4,771	100	12,665	100	3,017	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1 Poor	Poor	5	2	91	2	252	2	59	2	5.0	5.3 ***	-0.24	5.3 ***	-0.27	5.3 ***	-0.23	
			2	11	4	104	2	289	2	64	2								
			3	23	9	253	5	700	6	163	6								
			4	39	14	623	13	1,546	13	386	13								
			5	91	34	1,359	28	3,318	26	871	28								
			6	64	24	1,275	26	3,343	26	802	26								
			7 Excellent	32	12	992	21	2,996	24	631	21								
			— Not applicable	3	1	59	1	220	2	33	1								
			Total	268	100	4,756	100	12,664	100	3,009	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

Frequency Distributions^a

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Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b									
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU	Great Lakes Peers	Crngie Size/Setting	National Peers	Effect size ^e	Effect size ^e	Effect size ^e	Effect size ^e		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ^e	Effect size ^e	Effect size ^e	Effect size ^e
b. Academic advisors	Qladvisor	1	Poor	8	3	140	3	355	3	95	3	5.5	5.4	.07	5.4	.07	5.1 **	△	.20		
		2		13	5	163	4	473	4	135	5										
		3		7	3	312	6	788	6	238	8										
		4		40	15	551	12	1,556	12	390	13										
		5		44	16	938	20	2,564	21	670	23										
		6		58	22	1,173	24	2,797	22	673	22										
		7	Excellent	97	36	1,419	30	3,907	31	729	24										
		—	Not applicable	1	0	59	2	205	2	76	3										
	Total			268	100	4,755	100	12,645	100	3,006	100										
c. Faculty	QIfaculty	1	Poor	7	2	59	1	217	2	52	2	5.2	5.3	-.07	5.4	-.10	5.2	.01			
		2		9	4	117	3	290	2	83	3										
		3		12	4	247	5	633	5	181	6										
		4		38	14	646	13	1,585	13	422	14										
		5		71	26	1,337	28	3,101	24	815	27										
		6		76	29	1,344	29	3,664	28	870	28										
		7	Excellent	51	19	956	20	2,987	24	539	18										
		—	Not applicable	4	1	45	1	174	2	46	2										
	Total			268	100	4,751	100	12,651	100	3,008	100										
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	8	3	155	4	444	4	112	4	5.1	5.1	.01	5.1	.01	5.1	.06			
		2		12	4	149	3	443	4	106	4										
		3		18	7	273	6	815	7	227	8										
		4		32	12	579	12	1,560	12	398	13										
		5		53	19	1,041	22	2,649	21	664	22										
		6		66	25	1,031	21	2,784	21	697	23										
		7	Excellent	50	19	928	19	2,700	21	578	19										
		—	Not applicable	29	10	596	14	1,247	11	219	8										
	Total			268	100	4,752	100	12,642	100	3,001	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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Northern Michigan University

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											
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		National Peers							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	8	3	158	4	436	4	115	4	5.0	5.1	-0.06	5.1	-0.08	5.0	.00	
		2		15	5	180	4	493	4	120	4								
		3		20	8	323	7	803	7	209	7								
		4		32	12	612	13	1,689	13	431	14								
		5		50	18	1,073	22	2,776	22	686	23								
		6		55	21	1,027	21	2,894	22	678	22								
		7	Excellent	44	17	913	19	2,807	22	552	18								
		—	Not applicable	44	16	465	10	749	6	214	7								
	Total	268	100	4,751	100	12,647	100	3,005	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	7	3	77	2	205	2	47	2	2.9	3.0	-0.10	3.0 *	-0.13	3.0	-0.07	
		2	Some	51	20	997	22	2,455	20	661	23								
		3	Quite a bit	157	58	2,300	49	6,309	49	1,535	50								
		4	Very much	53	19	1,363	28	3,634	28	752	25								
			Total	268	100	4,737	100	12,603	100	2,995	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	17	6	194	5	473	4	114	4	2.9	3.0 *	-0.13	3.0 **	-0.18	3.0 *	-0.13	
		2	Some	63	24	1,070	23	2,734	23	734	25								
		3	Quite a bit	129	48	2,049	43	5,346	42	1,256	41								
		4	Very much	58	22	1,410	29	4,004	31	883	30								
			Total	267	100	4,723	100	12,557	100	2,987	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	27	11	299	7	770	6	198	7	2.8	3.0 ***	-0.26	3.0 ***	-0.27	3.0 ***	-0.25	
		2	Some	60	22	843	18	2,298	19	577	20								
		3	Quite a bit	119	45	1,870	40	4,813	38	1,144	38								
		4	Very much	61	23	1,712	35	4,667	36	1,067	36								
			Total	267	100	4,724	100	12,548	100	2,986	100								
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	51	19	603	13	1,301	11	316	11	2.3	2.6 ***	-0.32	2.8 ***	-0.45	2.7 ***	-0.44	
		2	Some	102	39	1,464	32	3,567	29	882	29								
		3	Quite a bit	87	31	1,608	34	4,470	35	1,056	35								
		4	Very much	27	10	1,039	22	3,202	25	732	25								
			Total	267	100	4,714	100	12,540	100	2,986	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 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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										
				NMU		Great Lakes Peers		Cnrgie Size/Setting		National Peers		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Providing opportunities to be involved socially	SEsocial	1	Very little	36	14	336	8	903	8	216	7	2.6	2.8 ***	-0.29	2.9 ***	-0.34	2.9 ***	-0.35
		2	Some	83	32	1,255	27	3,081	25	734	25							
		3	Quite a bit	104	39	1,856	39	4,905	39	1,210	39							
		4	Very much	43	16	1,266	26	3,611	28	820	28							
		Total		266	100	4,713	100	12,500	100	2,980	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	28	10	340	8	972	8	216	7	2.7	2.8 *	-0.15	2.9 **	-0.20	2.9 ***	-0.21
		2	Some	76	28	1,270	27	3,062	25	760	26							
		3	Quite a bit	115	45	1,858	39	4,909	39	1,180	39							
		4	Very much	45	17	1,238	25	3,536	28	817	28							
		Total		264	100	4,706	100	12,479	100	2,973	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	77	28	1,241	27	2,784	23	660	22	2.1	2.2	-0.10	2.3 ***	-0.23	2.3 ***	-0.25
		2	Some	103	39	1,766	37	4,555	36	1,100	36							
		3	Quite a bit	67	26	1,156	25	3,431	27	790	27							
		4	Very much	16	6	535	11	1,696	14	417	15							
		Total		263	100	4,698	100	12,466	100	2,967	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	51	19	595	14	1,555	13	398	14	2.4	2.6 ***	-0.21	2.7 ***	-0.29	2.6 ***	-0.25
		2	Some	87	33	1,508	32	3,500	29	896	30							
		3	Quite a bit	94	35	1,615	34	4,424	35	1,047	35							
		4	Very much	31	12	974	20	2,977	23	622	21							
		Total		263	100	4,692	100	12,456	100	2,963	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	63	24	935	21	2,166	18	554	18	2.3	2.3	-0.08	2.5 ***	-0.23	2.4 **	-0.19
		2	Some	92	35	1,793	38	4,272	35	1,081	36							
		3	Quite a bit	87	33	1,357	29	3,943	31	883	29							
		4	Very much	20	8	599	12	2,066	17	443	16							
		Total		262	100	4,684	100	12,447	100	2,961	100							

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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						
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers	Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. To what extent do you agree or disagree with the following statements?																		
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	3	1	90	2	267	2	52	2	3.2	3.2	-.07	3.2	-.09	3.2	-.07
		2	Disagree	23	9	355	8	979	8	229	8							
		3	Agree	161	61	2,621	55	6,855	55	1,711	57							
		4	Strongly agree	76	28	1,614	34	4,342	35	964	33							
		Total		263	100	4,680	100	12,443	100	2,956	100							
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	12	5	167	4	405	3	108	4	2.8	2.9 **	-0.17	3.0 ***	-0.28	3.0 **	-0.20
		2	Disagree	62	23	783	18	1,804	15	493	17							
		3	Agree	150	57	2,755	58	7,233	58	1,791	60							
		4	Strongly agree	39	14	977	20	2,974	24	567	20							
		Total		263	100	4,682	100	12,416	100	2,959	100							
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	13	5	198	5	493	4	120	4	2.8	2.9 *	-0.14	3.0 ***	-0.24	2.9 **	-0.19
		2	Disagree	58	22	947	21	2,167	18	558	19							
		3	Agree	155	59	2,515	53	6,651	53	1,662	56							
		4	Strongly agree	37	13	1,029	22	3,131	25	622	21							
		Total		263	100	4,689	100	12,442	100	2,962	100							
16. 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>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1	1	17	0	48	0	15	1	15.3	14.0 *	.17	13.9 *	.17	13.2 ***	.27
		3	1-5 hrs	34	14	605	14	1,657	15	413	16							
		8	6-10 hrs	57	22	1,130	25	2,926	24	757	26							
		13	11-15 hrs	45	17	1,052	23	2,806	22	702	23							
		18	16-20 hrs	53	20	905	19	2,377	19	539	17							
		23	21-25 hrs	32	12	504	10	1,321	10	288	8							
		28	26-30 hrs	22	9	237	5	667	5	132	4							
		33	More than 30 hrs	17	7	219	5	604	5	114	4							
		Total		261	100	4,669	100	12,406	100	2,960	100							

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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								
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	131	51	1,864	41	4,432	38	1,136	40	3.8	4.6 *	-0.13	5.3 ***	-0.22	4.8 **	-0.16
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	72	27	1,554	32	3,985	30	965	31							
	8	6-10 hrs	27	11	603	13	1,704	13	386	13								
	13	11-15 hrs	12	5	271	6	975	8	226	8								
	18	16-20 hrs	9	3	192	4	649	5	132	4								
	23	21-25 hrs	5	2	94	2	325	3	53	2								
	28	26-30 hrs	1	0	29	1	129	1	22	1								
	33	More than 30 hrs	2	1	58	1	172	1	31	1								
	Total			259	100	4,665	100	12,371	100	2,951	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	196	74	3,779	81	9,809	80	2,438	82	3.3	2.3 *	0.18	2.1 **	0.21	2.0 **	0.23
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	3	156	3	629	5	118	4							
	8	6-10 hrs	17	6	272	6	904	6	158	5								
	13	11-15 hrs	18	7	219	5	507	4	112	4								
	18	16-20 hrs	19	7	147	3	323	3	83	3								
	23	21-25 hrs	2	1	54	1	121	1	29	1								
	28	26-30 hrs	1	0	12	0	34	0	4	0								
	33	More than 30 hrs	1	0	27	1	49	0	14	1								
	Total			262	100	4,666	100	12,376	100	2,956	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	193	74	2,659	59	7,752	61	1,835	62	4.2	7.0 ***	-0.28	6.6 ***	-0.24	6.3 ***	-0.21
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	3	242	5	693	5	154	5							
	8	6-10 hrs	17	7	313	6	777	6	185	6								
	13	11-15 hrs	11	4	345	7	786	6	203	7								
	18	16-20 hrs	14	5	424	9	878	7	235	8								
	23	21-25 hrs	5	2	305	6	565	5	148	5								
	28	26-30 hrs	7	3	181	4	328	3	82	3								
	33	More than 30 hrs	7	3	197	4	621	6	113	5								
	Total			262	100	4,666	100	12,400	100	2,955	100							
Estimated number of hours working for pay	tmworkhrs											7.5	9.3 **	-0.16	8.7	-0.11	8.3	-0.07
	(Continuous variable created by NSSE)																	

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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							
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	209	79	2,950	64	7,831	64	1,880	64	1.1	2.0 *** ▽	-0.20	2.3 *** ▽	-0.24	2.4 *** ▽	-0.25	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	43	16	1,275	27	3,195	25	704	23								
	8	6-10 hrs	5	2	216	5	671	6	180	6									
	13	11-15 hrs	1	0	101	2	316	3	88	3									
	18	16-20 hrs	2	1	47	1	167	2	39	1									
	23	21-25 hrs	1	1	34	1	87	1	31	1									
	28	26-30 hrs	0	0	8	0	39	0	12	0									
	33	More than 30 hrs	1	1	21	1	79	1	21	1									
	Total			262	100	4,652	100	12,385	100	2,955	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	3	1	75	2	242	2	55	2	13.8	13.2	.07	12.4 * △	.15	13.1	.08	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	43	16	858	18	2,581	21	553	20								
	8	6-10 hrs	69	26	1,300	27	3,349	26	729	24									
	13	11-15 hrs	60	22	942	21	2,543	20	657	22									
	18	16-20 hrs	34	14	688	15	1,703	14	429	14									
	23	21-25 hrs	19	8	338	7	774	6	193	7									
	28	26-30 hrs	13	5	138	3	381	3	103	3									
	33	More than 30 hrs	20	8	323	8	803	7	237	8									
	Total			261	100	4,662	100	12,376	100	2,956	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	228	87	3,588	77	9,270	73	2,232	74	1.2	2.2 *** ▽	-0.17	3.2 *** ▽	-0.26	3.0 *** ▽	-0.25	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	6	503	10	1,385	11	313	11								
	8	6-10 hrs	8	3	229	5	582	5	148	5									
	13	11-15 hrs	5	2	109	2	362	3	90	3									
	18	16-20 hrs	0	0	81	2	223	2	62	3									
	23	21-25 hrs	2	1	37	1	133	1	28	1									
	28	26-30 hrs	0	0	6	0	59	1	14	1									
	33	More than 30 hrs	2	1	91	2	349	4	65	3									
	Total			260	100	4,644	100	12,363	100	2,952	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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											
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	141	53	1,744	37	6,720	52	1,578	53	2.6	3.9 ***	-0.24	3.3 *	-0.12	3.4 **	-0.14	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	89	35	1,888	42	3,723	30	868	29								
		8	6-10 hrs	20	7	609	13	1,024	9	260	9								
		13	11-15 hrs	5	2	199	4	392	4	110	4								
		18	16-20 hrs	2	1	94	2	204	2	51	2								
		23	21-25 hrs	1	1	45	1	102	1	32	1								
		28	26-30 hrs	0	0	18	0	57	0	16	0								
		33	More than 30 hrs	3	1	56	1	160	2	40	2								
	Total			261	100	4,653	100	12,382	100	2,955	100								
17. 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	36	14	682	15	1,252	10	308	10	2.5	2.6	-0.03	2.8 ***	-0.21	2.7 **	-0.20	
		2	Some	106	41	1,759	38	4,165	34	976	35								
		3	About half	70	26	1,262	27	3,815	31	935	32								
		4	Most	41	15	687	15	2,330	18	533	17								
		5	Almost all	9	4	259	5	803	6	196	6								
		Total		262	100	4,649	100	12,365	100	2,948	100								
	tmreadinghrs											5.9	5.8	.03	6.4	-0.09	6.1	-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)																		
	tmreadinghrscol	1	0 hrs	1	1	17	0	46	0	14	1								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	142	55	2,595	57	6,255	52	1,565	55								
		3	More than 5, up to 10 hrs	80	30	1,307	28	3,653	29	852	28								
		4	More than 10, up to 15 hrs	23	8	374	8	1,282	10	262	8								
		5	More than 15, up to 20 hrs	9	4	190	4	586	4	133	4								
		6	More than 20, up to 25 hrs	3	1	112	2	357	3	82	3								
		7	More than 25 hrs	3	1	33	1	143	1	30	1								
		Total		261	100	4,628	100	12,322	100	2,938	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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							
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU	Great Lakes Peers	Effect size ^e	Crngie Size/Setting	Effect size ^e	National Peers	Effect size ^e	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean		Mean	Effect size ^e	Mean	Effect size ^e	
18. 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	21	8	346	8	739	6	210	7	2.7	2.7	-0.08	2.8 **	-0.21	2.8 *	-0.14	
		2	Some	92	35	1,417	31	3,494	28	871	29								
		3	Quite a bit	104	40	1,979	42	5,383	43	1,298	44								
		4	Very much	43	17	886	19	2,705	23	555	20								
		Total		260	100	4,628	100	12,321	100	2,934	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	51	20	509	12	1,193	10	310	10	2.4	2.6 ***	-0.28	2.7 ***	-0.40	2.7 ***	-0.35	
		2	Some	107	40	1,521	32	3,754	30	935	31								
		3	Quite a bit	67	26	1,811	38	4,825	39	1,152	39								
		4	Very much	36	15	792	17	2,542	21	540	20								
		Total		261	100	4,633	100	12,314	100	2,937	100								
c. Thinking critically and analytically	pgthink	1	Very little	15	6	160	4	357	3	86	3	2.9	3.0 *	-0.14	3.1 ***	-0.25	3.0 **	-0.20	
		2	Some	66	25	983	21	2,365	19	619	21								
		3	Quite a bit	118	45	2,190	47	5,620	45	1,390	46								
		4	Very much	62	24	1,299	28	3,970	32	836	30								
		Total		261	100	4,632	100	12,312	100	2,931	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	36	14	617	14	1,587	12	343	12	2.6	2.6	-0.04	2.6	-0.09	2.7 *	-0.13	
		2	Some	98	37	1,476	32	3,966	32	886	30								
		3	Quite a bit	75	29	1,683	36	4,389	36	1,126	38								
		4	Very much	51	20	845	18	2,360	20	568	21								
		Total		260	100	4,621	100	12,302	100	2,923	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	46	18	656	15	1,614	13	426	14	2.4	2.5	-0.09	2.6 **	-0.17	2.6 *	-0.13	
		2	Some	100	39	1,593	34	3,966	32	984	34								
		3	Quite a bit	69	26	1,601	34	4,382	35	1,051	36								
		4	Very much	45	18	781	17	2,354	19	468	17								
		Total		260	100	4,631	100	12,316	100	2,929	100								
f. Working effectively with others	pgothers	1	Very little	37	14	364	9	788	7	176	7	2.5	2.7 ***	-0.30	2.8 ***	-0.43	2.8 ***	-0.42	
		2	Some	101	40	1,352	30	3,258	27	800	27								
		3	Quite a bit	84	32	1,938	41	5,210	42	1,278	42								
		4	Very much	38	14	969	20	3,037	25	669	24								
		Total		260	100	4,623	100	12,293	100	2,923	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 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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											
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	45	17	647	15	1,165	10	318	11	2.5	2.5	-.08	2.7 ***	-.31	2.7 ***	-.25	
		2	Some	89	35	1,520	32	3,504	28	893	30								
		3	Quite a bit	86	33	1,689	36	4,835	39	1,158	39								
		4	Very much	40	16	774	17	2,790	23	561	21								
		Total		260	100	4,630	100	12,294	100	2,930	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	28	12	507	12	1,065	9	273	9	2.6	2.7	-.10	2.8 ***	-.25	2.8 ***	-.24	
		2	Some	93	35	1,451	31	3,289	27	809	27								
		3	Quite a bit	98	37	1,676	36	4,757	38	1,117	38								
		4	Very much	41	16	994	22	3,189	26	727	26								
		Total		260	100	4,628	100	12,300	100	2,926	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	37	15	609	14	1,285	11	355	12	2.5	2.5	-.08	2.6 ***	-.21	2.6 *	-.17	
		2	Some	99	38	1,633	35	4,132	33	996	34								
		3	Quite a bit	90	35	1,638	34	4,488	36	1,071	36								
		4	Very much	32	12	744	16	2,401	20	508	18								
		Total		258	100	4,624	100	12,306	100	2,930	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	32	12	677	16	1,306	11	350	12	2.5	2.5	.03	2.7 *	-.16	2.6	-.11	
		2	Some	99	39	1,621	34	3,975	32	980	33								
		3	Quite a bit	85	32	1,559	33	4,473	36	1,067	36								
		4	Very much	44	17	776	17	2,559	21	538	19								
		Total		260	100	4,633	100	12,313	100	2,935	100								
19. How would you evaluate your entire educational experience at this institution?																			
evalexp		1	Poor	13	5	108	3	273	2	70	3	2.9	3.0 *	-.13	3.1 ***	-.22	3.0	-.08	
		2	Fair	44	17	763	17	1,893	16	526	19								
		3	Good	149	56	2,509	54	6,276	50	1,611	53								
		4	Excellent	56	21	1,262	26	3,907	31	741	25								
		Total		262	100	4,642	100	12,349	100	2,948	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
sameinst		1	Definitely no	5	2	160	4	458	4	132	5	3.3	3.1 *	.16	3.2 *	.13	3.1 ***	.24	
		2	Probably no	28	11	651	14	1,691	14	462	16								
		3	Probably yes	117	46	2,102	46	5,500	44	1,389	46								
		4	Definitely yes	112	41	1,747	36	4,756	38	979	33								
		Total		262	100	4,660	100	12,405	100	2,962	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 2021 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b						
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		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
				21. Do you intend to return to this institution next year?^f														
	returnexp		No	14	6	213	5	543	5	124	4	85%	87%	-.06	85%	-.02	86%	-.03
			Yes	225	85	4,087	87	10,705	85	2,576	86							
			Not sure	23	9	365	8	1,144	10	275	10							
			Total	262	100	4,665	100	12,392	100	2,975	100							
22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?																		
	covidexp	1	Very little	21	8	81	9	245	5	51	8	2.9	2.9	.08	3.1 **	-.18	2.9	.01
		2	Some	60	22	228	25	991	20	143	23							
		3	Quite a bit	98	39	353	36	1,906	36	239	38							
		4	Very much	85	31	259	29	2,023	39	173	31							
			Total	264	100	921	100	5,165	100	606	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 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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							
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	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	9	2	203	3	358	2	128	3	3.1	3.0	.04	3.1 *	-.09	3.1	-.01	
		2	Sometimes	136	28	2,327	29	3,875	24	1,158	26								
		3	Often	167	33	2,576	32	5,457	33	1,433	32								
		4	Very often	186	37	2,896	36	6,859	42	1,614	39								
		Total		498	100	8,002	100	16,549	100	4,333	100								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	84	18	1,081	15	2,293	15	591	17	2.4	2.4	.00	2.4	-.02	2.4	.02	
		2	Sometimes	209	42	3,463	43	6,930	43	1,776	42								
		3	Often	107	21	2,230	27	4,592	27	1,260	26								
		4	Very often	94	18	1,204	14	2,640	15	684	14								
		Total		494	100	7,978	100	16,455	100	4,311	100								
c. Explained course material to one or more students	CLexplain	1	Never	50	10	533	8	1,225	8	300	9	2.7	2.7	-.02	2.7	-.04	2.7	.00	
		2	Sometimes	182	37	2,857	36	5,713	35	1,502	36								
		3	Often	146	29	2,897	35	5,948	35	1,610	35								
		4	Very often	120	24	1,672	21	3,574	21	896	20								
		Total		498	100	7,959	100	16,460	100	4,308	100								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	131	27	1,602	22	3,152	20	791	22	2.3	2.4 *	-.11	2.4 ***	-.18	2.4 **	-.13	
		2	Sometimes	175	36	2,816	35	5,546	34	1,477	34								
		3	Often	105	21	2,182	27	4,541	27	1,237	27								
		4	Very often	82	16	1,319	16	3,142	18	785	17								
		Total		493	100	7,919	100	16,381	100	4,290	100								
e. Worked with other students on course projects or assignments	CLproject	1	Never	46	9	494	7	1,245	8	257	8	2.7	2.8 ***	-.16	2.8 **	-.14	2.8 ***	-.16	
		2	Sometimes	168	34	2,234	30	4,587	29	1,143	29								
		3	Often	169	35	2,894	36	5,958	36	1,587	36								
		4	Very often	110	22	2,274	27	4,535	27	1,286	28								
		Total		493	100	7,896	100	16,325	100	4,273	100								
f. Given a course presentation	present	1	Never	67	14	819	12	1,526	10	423	12	2.5	2.7 ***	-.19	2.7 ***	-.28	2.7 ***	-.21	
		2	Sometimes	204	41	2,566	33	4,961	31	1,295	32								
		3	Often	142	29	2,597	32	5,474	33	1,408	32								
		4	Very often	81	16	1,898	23	4,343	26	1,133	24								
		Total		494	100	7,880	100	16,304	100	4,259	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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							
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
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	15	3	280	4	640	4	153	4	3.0	2.9	.07	2.9	.04	2.9	.03	
		2	Sometimes	132	28	2,152	28	4,316	27	1,078	26								
		3	Often	190	40	3,355	42	6,599	40	1,751	41								
		4	Very often	142	29	2,038	25	4,585	28	1,240	28								
		Total		479	100	7,825	100	16,140	100	4,222	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	32	7	649	10	871	6	245	7	2.8	2.7 *** △	.16	2.9	-.02	2.8	-.02	
		2	Sometimes	146	31	2,574	33	4,691	30	1,226	29								
		3	Often	162	34	2,811	36	6,065	37	1,564	36								
		4	Very often	141	28	1,735	21	4,437	27	1,169	27								
		Total		481	100	7,769	100	16,064	100	4,204	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	59	13	1,104	16	1,333	9	407	10	2.6	2.5	.07	2.7 *** ▽	-.16	2.7 ** ▽	-.13	
		2	Sometimes	176	38	2,747	36	5,269	33	1,393	34								
		3	Often	132	27	2,342	30	5,402	33	1,378	32								
		4	Very often	109	22	1,523	19	3,974	25	1,009	24								
		Total		476	100	7,716	100	15,978	100	4,187	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	35	8	417	6	585	4	190	4	2.7	2.8	-.05	2.9 *** ▽	-.19	2.9 *** ▽	-.16	
		2	Sometimes	144	31	2,415	31	4,471	28	1,199	28								
		3	Often	199	43	3,279	42	6,929	43	1,794	43								
		4	Very often	95	19	1,573	20	3,864	25	970	24								
		Total		473	100	7,684	100	15,849	100	4,153	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	13	3	267	4	338	2	105	3	3.0	2.9 *	.11	3.0	-.01	3.0	.02	
		2	Sometimes	113	25	1,957	26	3,525	23	982	24								
		3	Often	191	40	3,381	44	7,184	45	1,837	44								
		4	Very often	150	32	1,997	26	4,614	29	1,181	29								
		Total		467	100	7,602	100	15,661	100	4,105	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	19	4	208	3	331	2	76	2	2.8	2.9	-.06	3.0 ** ▽	-.16	3.0 ** ▽	-.16	
		2	Sometimes	137	29	2,073	29	3,942	26	1,009	26								
		3	Often	199	43	3,356	43	6,939	44	1,825	44								
		4	Very often	106	23	1,888	25	4,280	28	1,137	28								
		Total		461	100	7,525	100	15,492	100	4,047	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	2	1	78	1	133	1	42	1	3.2	3.2	.04	3.2	-.01	3.2	.00	
		2	Sometimes	79	18	1,147	16	2,276	16	598	16								
		3	Often	202	44	3,597	48	7,219	46	1,871	46								
		4	Very often	170	38	2,609	34	5,734	37	1,516	37								
		Total		453	100	7,431	100	15,362	100	4,027	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	73	16	1,239	18	2,306	16	719	19	2.4	2.4	.02	2.5	-.08	2.4	.03	
		2	Sometimes	173	39	2,952	39	5,702	37	1,545	38								
		3	Often	128	28	1,817	24	3,976	25	986	24								
		4	Very often	79	17	1,428	19	3,361	22	764	19								
		Total		453	100	7,436	100	15,345	100	4,014	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	183	41	3,270	46	5,733	38	1,677	43	1.9	1.9	.03	2.1 **	-.12	1.9	-.01	
		2	Sometimes	155	35	2,171	28	4,838	31	1,222	30								
		3	Often	61	13	1,149	15	2,700	17	650	16								
		4	Very often	48	10	815	11	2,027	13	464	11								
		Total		447	100	7,405	100	15,298	100	4,013	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	103	23	2,025	29	3,695	25	1,076	29	2.2	2.1	.06	2.2	-.06	2.1	.03	
		2	Sometimes	205	46	3,045	41	6,080	39	1,600	39								
		3	Often	95	22	1,466	20	3,426	22	858	21								
		4	Very often	43	9	799	10	1,991	13	448	11								
		Total		446	100	7,335	100	15,192	100	3,982	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	102	23	1,731	26	3,013	20	895	24	2.2	2.2	.01	2.3 ***	-.15	2.2	-.06	
		2	Sometimes	208	47	3,248	44	6,526	43	1,739	43								
		3	Often	100	22	1,614	21	3,635	23	903	22								
		4	Very often	38	8	756	10	2,019	13	442	11								
		Total		448	100	7,349	100	15,193	100	3,979	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	34	8	589	9	1,157	8	334	9	2.7	2.7	.04	2.7	.00	2.7	.05	
		2	Some	145	33	2,302	32	4,777	31	1,274	32								
		3	Quite a bit	162	37	2,881	39	5,920	39	1,560	40								
		4	Very much	104	23	1,528	20	3,262	21	799	19								
		Total		445	100	7,300	100	15,116	100	3,967	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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									
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	11	3	218	3	409	3	106	3	3.0	3.0	.02	3.1	-.05	3.0	-.01	
		2	Some	88	21	1,526	22	2,992	20	832	21								
		3	Quite a bit	214	49	3,346	45	6,765	45	1,808	46								
		4	Very much	130	28	2,189	29	4,870	32	1,193	30								
		Total		443	100	7,279	100	15,036	100	3,939	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	8	2	275	4	451	3	121	3	3.0	2.9	.04	3.0	-.06	3.0	-.04	
		2	Some	110	25	1,737	25	3,305	22	887	23								
		3	Quite a bit	198	46	3,164	43	6,456	43	1,710	44								
		4	Very much	122	27	2,040	28	4,675	31	1,182	30								
		Total		438	100	7,216	100	14,887	100	3,900	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	20	5	417	6	521	4	174	5	2.9	2.9	.05	3.0 **	-.13	3.0	-.09	
		2	Some	112	26	1,894	27	3,421	23	907	23								
		3	Quite a bit	192	45	3,045	42	6,491	44	1,698	44								
		4	Very much	112	24	1,816	25	4,390	30	1,104	29								
		Total		436	100	7,172	100	14,823	100	3,883	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	9	2	328	5	466	3	130	3	2.9	2.9	.06	3.0	-.09	3.0	-.06	
		2	Some	117	27	1,878	27	3,434	23	909	24								
		3	Quite a bit	206	47	3,182	44	6,654	45	1,776	45								
		4	Very much	102	23	1,771	24	4,217	29	1,054	27								
		Total		434	100	7,159	100	14,771	100	3,869	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	13	3	179	3	340	3	77	3	3.1	3.1	-.04	3.1	-.09	3.1	-.08	
		2	Some	86	20	1,329	19	2,618	18	718	19								
		3	Quite a bit	193	45	3,110	43	6,400	42	1,665	41								
		4	Very much	140	32	2,502	35	5,313	37	1,385	37								
		Total		432	100	7,120	100	14,671	100	3,845	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	12	3	324	5	630	5	158	5	3.0	3.0	.04	3.1	-.03	3.0	.02	
		2	Some	95	22	1,501	21	2,819	19	817	21								
		3	Quite a bit	193	45	3,057	42	6,313	42	1,677	42								
		4	Very much	133	30	2,224	31	4,894	34	1,189	32								
		Total		433	100	7,106	100	14,656	100	3,841	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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										
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	11	3	283	5	546	4	152	5	3.1	3.0	.03	3.1	-.03	3.1	.01
		2	Some	90	21	1,423	20	2,808	19	762	20							
		3	Quite a bit	184	42	2,939	41	5,947	40	1,577	40							
		4	Very much	147	34	2,441	34	5,321	37	1,344	35							
		Total		432	100	7,086	100	14,622	100	3,835	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	35	9	697	11	1,150	8	338	10	2.8	2.8	.04	2.9	-.08	2.8	-.02
		2	Some	130	30	2,028	29	3,792	26	1,044	27							
		3	Quite a bit	150	34	2,422	33	5,287	36	1,377	35							
		4	Very much	117	28	1,936	27	4,377	30	1,075	28							
		Total		432	100	7,083	100	14,606	100	3,834	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	27	6	579	9	1,036	8	324	9	2.8	2.8	.07	2.9	-.03	2.8	.03
		2	Some	124	29	1,958	28	3,758	26	1,023	27							
		3	Quite a bit	166	39	2,744	38	5,664	38	1,453	37							
		4	Very much	112	26	1,786	25	4,092	28	1,027	27							
		Total		429	100	7,067	100	14,550	100	3,827	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	9	2	82	7	240	4	32	5	3.1	2.9 ***	.18	3.0	.04	2.9 **	.17
		2	Some	99	22	330	24	1,301	22	185	26							
		3	Quite a bit	179	42	517	40	2,582	41	282	40							
		4	Very much	143	34	360	29	2,025	33	184	29							
		Total		430	100	1,289	100	6,148	100	683	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	17	4	68	5	215	4	34	5	3.0	2.9 *	.13	3.0	.01	2.9 *	.11
		2	Some	88	20	315	24	1,261	21	163	23							
		3	Quite a bit	187	44	572	45	2,766	44	314	45							
		4	Very much	133	32	331	26	1,890	31	174	27							
		Total		425	100	1,286	100	6,132	100	685	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	42	11	181	14	560	10	87	14	2.7	2.5 *	.12	2.7	-.06	2.5 *	.13
		2	Some	140	32	456	35	1,867	30	244	35							
		3	Quite a bit	167	39	439	34	2,384	38	241	35							
		4	Very much	78	19	209	17	1,297	21	108	17							
		Total		427	100	1,285	100	6,108	100	680	100							

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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											
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	12	3	51	4	173	3	25	4	3.0	3.0	.01	3.1 *	-0.12	3.1	-0.01	
		2	Some	82	20	265	21	1,013	17	145	22								
		3	Quite a bit	195	45	545	42	2,641	42	285	41								
		4	Very much	138	32	419	33	2,280	38	223	34								
		Total		427	100	1,280	100	6,107	100	678	100								
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	47	11	750	10	1,689	11	395	10	2.6	2.6	-0.03	2.6	-0.02	2.6	-0.03	
		2	Sometimes	154	37	2,489	36	5,056	34	1,354	36								
		3	Often	149	36	2,440	35	5,013	36	1,334	35								
		4	Very often	70	17	1,271	19	2,575	19	685	19								
		Total		420	100	6,950	100	14,333	100	3,768	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	78	18	1,338	19	2,452	17	594	16	2.4	2.4	.06	2.5	-0.02	2.5	-0.04	
		2	Sometimes	150	35	2,630	38	5,400	37	1,412	38								
		3	Often	129	32	1,993	28	4,223	30	1,142	30								
		4	Very often	62	15	964	14	2,204	16	608	16								
		Total		419	100	6,925	100	14,279	100	3,756	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	65	15	1,166	17	2,333	16	583	15	2.4	2.4	.03	2.4	-0.02	2.4	-0.02	
		2	Sometimes	169	40	2,818	41	5,541	39	1,438	39								
		3	Often	133	32	2,055	29	4,391	31	1,213	32								
		4	Very often	50	12	870	13	1,972	14	517	14								
		Total		417	100	6,909	100	14,237	100	3,751	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 <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	33	7	446	7	722	5	208	6	7.0	7.4	-0.07	8.1 **	-0.16	7.8 *	-0.13	
		1.5	1-2	98	23	1,255	18	2,207	16	597	16								
		4	3-5	113	28	2,003	29	4,021	29	1,085	30								
		8	6-10	74	19	1,510	22	3,307	23	854	22								
		13	11-15	45	11	700	10	1,608	11	438	11								
		18	16-20	16	4	380	5	873	6	209	5								
		23	More than 20	35	8	572	9	1,474	10	355	10								
		Total		414	100	6,866	100	14,212	100	3,746	100								

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				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Between 6 and 10 pages	wrmednum	0	None	132	32	1,702	26	2,977	22	781	23	2.8	3.4 *	-0.12	3.7 ***	-0.20	3.6 ***	-0.18	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	136	33	2,295	33	4,711	33	1,241	34								
		4	3-5	88	21	1,654	24	3,627	25	959	25								
		8	6-10	37	9	739	11	1,753	12	452	12								
		13	11-15	11	3	262	4	599	4	162	4								
		18	16-20	3	1	116	2	237	2	64	2								
		23	More than 20	4	1	85	1	249	2	65	2								
	Total			411	100	6,853	100	14,153	100	3,724	100								
c. 11 pages or more	wrlongnum	0	None	237	58	3,310	49	6,440	47	1,701	49	1.5	1.9 **	-0.11	2.1 ***	-0.15	2.0 **	-0.13	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	115	27	2,330	33	5,006	34	1,285	33								
		4	3-5	35	8	679	10	1,550	11	415	10								
		8	6-10	15	4	253	4	554	4	162	4								
		13	11-15	8	2	162	2	311	2	88	2								
		18	16-20	1	0	49	1	122	1	29	1								
		23	More than 20	2	0	84	1	199	2	53	1								
	Total			413	100	6,867	100	14,182	100	3,733	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.)									65.7	77.4 **	-0.12	84.4 ***	-0.19	81.7 ***	-0.17	
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	52	13	461	7	756	6	208	6	2.5	2.9 ***	-0.46	3.0 ***	-0.55	2.9 ***	-0.51	
		2	Sometimes	189	47	2,007	29	3,928	28	1,042	29								
		3	Often	95	23	2,052	29	4,481	31	1,118	30								
		4	Very often	73	18	2,350	34	5,006	35	1,367	35								
		Total		409	100	6,870	100	14,171	100	3,735	100								
b. People from an economic background other than your own	DDeconomic	1	Never	15	4	297	5	560	4	145	4	2.8	2.9 **	-0.14	3.0 ***	-0.19	3.0 ***	-0.17	
		2	Sometimes	135	34	1,896	28	3,669	26	966	27								
		3	Often	165	40	2,505	36	5,301	37	1,363	36								
		4	Very often	91	22	2,149	31	4,597	32	1,249	32								
		Total		406	100	6,847	100	14,127	100	3,723	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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							
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. People with religious beliefs other than your own	DDreligion	1	Never	21	5	425	7	1,005	7	254	8	2.7	2.9 **	-0.15	2.8 *	-0.10	2.8 *	-0.10	
		2	Sometimes	144	36	1,948	29	4,393	31	1,074	30								
		3	Often	155	38	2,290	33	4,542	32	1,237	33								
		4	Very often	87	21	2,178	31	4,190	30	1,151	29								
		Total		407	100	6,841	100	14,130	100	3,716	100								
d. People with political views other than your own	DDpolitical	1	Never	19	5	452	7	896	7	278	8	2.9	2.8	.02	2.9	-0.01	2.8	.08	
		2	Sometimes	127	31	2,133	31	4,208	30	1,202	33								
		3	Often	153	37	2,229	32	4,683	32	1,178	31								
		4	Very often	109	27	2,032	30	4,357	31	1,065	28								
		Total		408	100	6,846	100	14,144	100	3,723	100								
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	16	4	217	3	305	2	102	3	3.0	3.0	.04	3.1 *	-0.13	3.1 *	-0.10	
		2	Sometimes	93	23	1,621	24	2,694	19	734	19								
		3	Often	166	41	2,996	44	6,243	44	1,633	44								
		4	Very often	131	32	1,971	28	4,831	34	1,225	34								
		Total		406	100	6,805	100	14,073	100	3,694	100								
b. Reviewed your notes after class	LSnotes	1	Never	28	7	526	8	1,030	7	284	8	2.8	2.8	.02	2.9	-0.07	2.8	-0.05	
		2	Sometimes	125	32	2,177	32	4,181	30	1,141	30								
		3	Often	145	36	2,312	34	4,612	33	1,204	32								
		4	Very often	106	25	1,786	26	4,236	30	1,066	30								
		Total		404	100	6,801	100	14,059	100	3,695	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	21	5	506	8	832	6	275	7	2.8	2.8	.04	2.9 *	-0.10	2.8	-0.06	
		2	Sometimes	135	34	2,144	32	3,951	28	1,080	29								
		3	Often	155	38	2,587	38	5,394	38	1,369	37								
		4	Very often	96	23	1,571	23	3,898	28	975	27								
		Total		407	100	6,808	100	14,075	100	3,699	100								

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				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
	challenge	1	Not at all	8	2	73	1	154	1	45	1	5.3	5.4	-0.09	5.5 **	-0.17	5.5 *	-0.11	
		2		9	3	116	2	209	2	61	2								
		3		27	7	312	5	588	4	167	5								
		4		55	13	740	11	1,514	11	445	13								
		5		100	25	2,034	30	3,881	28	1,044	28								
		6		104	26	1,783	26	3,595	25	904	23								
		7	Very much	100	24	1,712	25	4,035	29	1,010	29								
			Total	403	100	6,770	100	13,976	100	3,676	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	35	9	606	9	1,393	11	433	12	40%	.5 **	-0.17	.5 ***	-0.21	.4	-0.08	
			Do not plan to do	86	22	1,043	17	2,169	16	592	16								
			Plan to do	118	29	1,741	26	3,045	23	998	27								
			Done or in progress	166	40	3,374	48	7,344	50	1,645	44								
			Total	405	100	6,764	100	13,951	100	3,668	100								
b.	Hold a formal leadership role in a student organization or group	leader	Have not decided	31	8	749	11	1,590	12	483	13	36%	.3 *	.10	.4	-0.01	.3 **	.15	
			Do not plan to do	208	52	3,325	51	6,027	44	1,763	49								
			Plan to do	16	4	498	7	1,060	8	305	9								
			Done or in progress	149	36	2,173	31	5,241	36	1,105	29								
			Total	404	100	6,745	100	13,918	100	3,656	100								
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	Have not decided	46	12	958	15	2,096	16	563	15	21%	.2	.02	.2	-0.10	.2	-0.01	
			Do not plan to do	229	58	3,730	57	6,783	49	1,857	52								
			Plan to do	38	9	635	9	1,402	11	427	12								
			Done or in progress	90	21	1,375	20	3,596	25	795	21								
			Total	403	100	6,698	100	13,877	100	3,642	100								
d.	Participate in a study abroad program	abroad	Have not decided	48	13	779	12	1,638	12	499	14	9%	.1	.03	.1	-0.10	.1	.02	
			Do not plan to do	284	70	4,902	74	9,430	68	2,513	69								
			Plan to do	34	8	439	6	969	8	272	8								
			Done or in progress	38	9	598	8	1,847	12	356	8								
			Total	404	100	6,718	100	13,884	100	3,640	100								

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				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Work with a faculty member on a research project	research (Means indicate the percentage who responded "Done or in progress.")		Have not decided	57	15	1,026	16	1,992	15	594	17	23%	.2	.06	.2	-.04	.2	.01	
			Do not plan to do	208	51	3,513	52	6,951	49	1,752	48								
			Plan to do	44	12	781	12	1,434	11	450	13								
			Done or in progress	94	23	1,394	20	3,504	25	849	23								
			Total	403	100	6,714	100	13,881	100	3,645	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone (Means indicate the percentage who responded "Done or in progress.")		Have not decided	43	11	581	9	1,127	9	290	8	32%	.5 ***	-0.29	.5 ***	-.43	.5 ***	-.42	
			Do not plan to do	106	26	1,262	19	2,223	16	556	15								
			Plan to do	125	31	1,730	26	2,984	22	820	24								
			Done or in progress	127	32	3,145	46	7,543	53	1,973	52								
			Total	401	100	6,718	100	13,877	100	3,639	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse	1	None	171	44	2,754	43	4,121	32	1,201	35	1.7	1.7	.01	1.9 ***	-.20	1.8 *	-.14	
		2	Some	183	44	3,163	47	7,698	54	1,914	51								
		3	Most	33	8	629	8	1,641	11	423	11								
		4	All	15	4	146	2	370	3	91	2								
		Total		402	100	6,692	100	13,830	100	3,629	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	6	2	95	2	168	1	45	1	5.6	5.5	.02	5.6	-.03	5.6	.00	
				6	1	86	1	220	2	66	2								
				13	4	282	4	542	4	146	4								
				38	10	648	10	1,298	10	321	10								
				99	25	1,690	25	3,257	23	886	24								
				120	28	1,929	28	3,915	27	1,007	27								
				114	28	1,848	27	4,176	30	1,096	30								
				4	1	119	3	257	2	59	2								
				400	100	6,697	100	13,833	100	3,626	100								

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				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU	Great Lakes Peers	Crngie Size/Setting	National Peers	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Effect size ^e	
b. Academic advisors	Qladvisor	1	Poor	16	4	306	5	593	4	225	6	5.2	5.2	-0.04	5.4 *	-0.12	5.2	-0.01
		2		21	5	310	5	581	4	171	5							
		3		37	9	517	8	898	6	263	7							
		4		50	13	765	11	1,471	11	434	12							
		5		75	18	1,159	17	2,376	17	638	17							
		6		78	19	1,345	20	2,717	19	712	20							
		7	Excellent	118	29	2,171	33	4,953	36	1,085	31							
		—	Not applicable	5	1	104	2	239	2	98	3							
	Total			400	100	6,677	100	13,828	100	3,626	100							
c. Faculty	QIfaculty	1	Poor	3	1	102	2	208	2	57	2	5.6	5.5 *	.11	5.6	.03	5.5	.08
		2		4	1	141	3	279	2	82	3							
		3		16	4	340	5	615	5	176	5							
		4		44	11	734	11	1,387	10	362	10							
		5		96	24	1,617	23	3,005	21	821	22							
		6		131	32	1,919	28	3,936	28	1,054	29							
		7	Excellent	106	27	1,770	27	4,242	31	1,031	29							
		—	Not applicable	1	0	57	1	144	1	38	1							
	Total			401	100	6,680	100	13,816	100	3,621	100							
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	10	3	284	5	601	5	166	5	5.1	5.0	.10	5.0	.06	5.0	.06
		2		17	4	246	4	600	4	160	4							
		3		29	7	445	6	958	7	249	7							
		4		47	12	772	11	1,631	12	432	12							
		5		81	20	1,180	17	2,575	18	673	17							
		6		85	20	1,148	16	2,442	17	666	18							
		7	Excellent	81	20	1,171	17	2,843	21	725	20							
		—	Not applicable	51	13	1,435	23	2,157	16	546	17							
	Total			401	100	6,681	100	13,807	100	3,617	100							

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Statistical Comparisons^b

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b									
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	19	5	318	5	645	5	169	5	4.9	5.0	.00	5.0	-.05	5.0	-.05	
		2		17	4	334	5	642	5	150	4								
		3		24	6	551	8	1,044	8	269	7								
		4		69	16	940	14	1,893	14	496	14								
		5		94	24	1,399	20	2,869	20	758	20								
		6		82	20	1,298	19	2,895	20	758	20								
		7	Excellent	73	19	1,291	20	3,192	24	786	23								
		—	Not applicable	22	5	551	9	644	5	236	7								
	Total			400	100	6,682	100	13,824	100	3,622	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	5	1	127	2	259	2	87	3	3.1	3.0	.03	3.1	-.05	3.1	.01	
		2	Some	84	23	1,368	21	2,560	19	679	20								
		3	Quite a bit	184	45	3,161	47	6,357	46	1,716	47								
		4	Very much	126	31	2,006	29	4,598	33	1,127	30								
			Total	399	100	6,662	100	13,774	100	3,609	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	23	7	393	7	723	6	166	5	2.7	2.8 **	-0.16	2.9 ***	-0.26	2.9 ***	-0.25	
		2	Some	139	36	1,694	26	3,218	24	875	25								
		3	Quite a bit	161	39	2,908	43	5,885	42	1,574	43								
		4	Very much	75	19	1,653	24	3,919	28	985	27								
			Total	398	100	6,648	100	13,745	100	3,600	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	26	6	638	11	1,196	9	302	9	2.8	2.8	-0.01	2.9 *	-0.11	2.9 *	-0.13	
		2	Some	126	32	1,660	26	3,238	24	800	23								
		3	Quite a bit	161	40	2,581	38	5,215	37	1,392	38								
		4	Very much	84	21	1,769	25	4,085	29	1,108	30								
			Total	397	100	6,648	100	13,734	100	3,602	100								
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	77	19	1,089	17	1,936	14	498	14	2.3	2.5 ***	-0.18	2.6 ***	-0.28	2.6 ***	-0.29	
		2	Some	158	40	2,127	32	4,302	31	1,098	31								
		3	Quite a bit	105	27	2,112	31	4,456	32	1,158	31								
		4	Very much	54	14	1,304	19	3,021	22	845	23								
			Total	394	100	6,632	100	13,715	100	3,599	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 2021 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NMU				Great Lakes Peers				Crngie Size/Setting				National Peers			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
e. Providing opportunities to be involved socially	SEsocial	1	Very little	26	8	630	11	1,107	8	279	9	2.7	2.7	.01	2.8 *	-0.11	2.8	-0.10	
		2	Some	129	33	1,924	30	3,658	27	988	28								
		3	Quite a bit	163	40	2,551	37	5,389	38	1,387	38								
		4	Very much	78	20	1,521	22	3,555	26	938	26								
		Total		396	100	6,626	100	13,709	100	3,592	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	52	13	831	14	1,436	11	359	11	2.6	2.6	-0.02	2.7 *	-0.13	2.8 **	-0.16	
		2	Some	124	31	2,000	31	3,986	29	988	28								
		3	Quite a bit	142	37	2,367	35	5,009	36	1,330	37								
		4	Very much	77	19	1,418	21	3,277	24	913	25								
		Total		395	100	6,616	100	13,708	100	3,590	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	156	39	2,388	37	4,536	33	1,198	34	2.0	2.0	-0.01	2.1 **	-0.13	2.1 **	-0.14	
		2	Some	131	34	2,357	35	4,751	34	1,208	33								
		3	Quite a bit	68	17	1,274	19	2,830	21	757	22								
		4	Very much	37	10	582	9	1,563	12	418	12								
		Total		392	100	6,601	100	13,680	100	3,581	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	43	12	1,240	20	2,235	17	611	18	2.6	2.4 ***	.17	2.6	-0.01	2.5	.03	
		2	Some	144	37	2,288	35	4,205	30	1,150	31								
		3	Quite a bit	143	36	2,066	30	4,523	33	1,161	32								
		4	Very much	61	15	1,014	15	2,700	20	660	19								
		Total		391	100	6,608	100	13,663	100	3,582	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	81	21	1,486	24	2,706	20	709	20	2.3	2.2	.06	2.4 *	-0.10	2.4	-0.10	
		2	Some	158	40	2,566	39	4,919	36	1,306	36								
		3	Quite a bit	103	27	1,826	27	4,019	29	1,011	28								
		4	Very much	48	12	722	11	2,026	15	551	16								
		Total		390	100	6,600	100	13,670	100	3,577	100								
15. To what extent do you agree or disagree with the following statements?																			
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	12	3	144	3	409	3	97	3	3.2	3.3	-0.10	3.3	-0.09	3.3 *	-0.11	
		2	Disagree	33	8	399	6	964	7	215	7								
		3	Agree	198	50	3,294	50	6,514	47	1,703	47								
		4	Strongly agree	151	39	2,764	41	5,783	43	1,573	44								
		Total		394	100	6,601	100	13,670	100	3,588	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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							
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	40	11	452	8	855	7	229	7	2.7	2.9 **	-0.15	3.0 ***	-0.28	2.9 ***	-0.24	
		2	Disagree	93	23	1,320	21	2,364	17	624	18								
		3	Agree	186	46	3,341	49	6,794	49	1,845	50								
		4	Strongly agree	74	19	1,482	22	3,641	27	884	25								
		Total		393	100	6,595	100	13,654	100	3,582	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	25	7	432	7	773	6	213	7	2.9	2.9	-0.01	3.0 **	-0.14	2.9	-0.09	
		2	Disagree	81	20	1,312	21	2,445	18	631	18								
		3	Agree	203	52	3,305	49	6,712	48	1,827	50								
		4	Strongly agree	84	21	1,543	23	3,737	28	912	25								
		Total		393	100	6,592	100	13,667	100	3,583	100								
16. 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>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1	0	33	1	38	0	12	0	15.9	14.4 **	.17	14.9 *	.11	14.7 **	.14	
		3	1-5 hrs	30	8	923	15	1,782	14	471	14								
		8	6-10 hrs	98	26	1,597	24	3,201	24	912	25								
		13	11-15 hrs	67	17	1,344	20	2,782	20	712	19								
		18	16-20 hrs	80	19	1,147	17	2,359	17	626	18								
		23	21-25 hrs	58	14	690	10	1,487	11	369	11								
		28	26-30 hrs	30	8	386	6	824	6	211	6								
		33	More than 30 hrs	28	7	456	7	1,134	8	266	7								
Total		392	100	6,576	100	13,607	100	3,579	100										

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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								
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	164	43	3,190	51	5,772	44	1,715	51	4.1	4.0	.03	5.2 ***	-0.14	4.3	-0.02
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	132	33	1,830	26	3,670	26	932	25							
	8	6-10 hrs	44	11	697	10	1,629	12	412	10								
	13	11-15 hrs	25	6	372	6	995	7	205	6								
	18	16-20 hrs	8	2	227	3	729	5	163	5								
	23	21-25 hrs	10	2	123	2	354	3	55	2								
	28	26-30 hrs	4	1	60	1	157	1	33	1								
	33	More than 30 hrs	2	1	74	1	265	2	48	1								
	Total			389	100	6,573	100	13,571	100	3,563	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	260	67	4,909	76	9,577	72	2,703	77	4.4	3.3 **	.17	3.3 **	.16	3.1 ***	.19
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	4	273	4	886	6	133	4							
	8	6-10 hrs	32	8	399	6	1,200	8	185	5								
	13	11-15 hrs	28	8	356	5	801	6	224	6								
	18	16-20 hrs	46	11	351	5	696	5	216	6								
	23	21-25 hrs	4	1	177	3	224	2	47	1								
	28	26-30 hrs	2	0	45	1	57	0	18	1								
	33	More than 30 hrs	3	1	62	1	130	1	35	1								
	Total			390	100	6,572	100	13,571	100	3,561	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	169	43	2,141	33	5,363	39	1,238	35	12.2	15.2 ***	-0.23	12.8	-0.05	14.2 **	-0.15
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	3	285	4	752	5	176	5							
	8	6-10 hrs	23	6	407	6	997	7	260	7								
	13	11-15 hrs	26	6	527	7	1,043	7	300	8								
	18	16-20 hrs	46	12	720	10	1,338	9	402	10								
	23	21-25 hrs	30	7	682	10	1,020	7	309	8								
	28	26-30 hrs	25	6	438	6	708	5	238	6								
	33	More than 30 hrs	57	16	1,376	24	2,366	19	646	22								
	Total			389	100	6,576	100	13,587	100	3,569	100							
Estimated number of hours working for pay	tmworkhrs											16.5	18.5 **	-0.15	16.1	.03	17.3	-0.06
	(Continuous variable created by NSSE)																	

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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							
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	235	62	3,515	55	6,931	51	1,865	53	2.1	2.9 *** ▽	-0.15	3.4 *** ▽	-0.22	3.5 *** ▽	-0.24	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	108	27	2,069	31	4,358	31	1,040	29								
	8	6-10 hrs	28	7	473	7	1,104	8	306	8									
	13	11-15 hrs	7	2	210	3	496	4	148	4									
	18	16-20 hrs	4	1	143	2	301	2	94	3									
	23	21-25 hrs	2	1	74	1	148	1	40	1									
	28	26-30 hrs	1	0	26	0	83	1	28	1									
	33	More than 30 hrs	1	0	54	1	161	1	44	2									
	Total			386	100	6,564	100	13,582	100	3,565	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	12	3	185	3	470	4	125	4	12.3	11.0 ** △	.17	10.8 ** △	.18	11.0 ** △	.16	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	84	22	1,718	27	3,608	27	909	26								
	8	6-10 hrs	113	28	1,872	29	3,890	28	999	27									
	13	11-15 hrs	72	18	1,224	18	2,480	18	666	17									
	18	16-20 hrs	42	11	763	12	1,575	12	424	12									
	23	21-25 hrs	16	4	344	5	618	5	170	5									
	28	26-30 hrs	16	4	144	2	313	2	93	3									
	33	More than 30 hrs	31	9	313	5	627	5	181	5									
	Total			386	100	6,563	100	13,581	100	3,567	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	311	81	4,232	62	8,834	63	2,316	62	2.9	6.2 *** ▽	-0.30	6.2 *** ▽	-0.30	6.5 *** ▽	-0.32	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	26	6	748	11	1,459	11	385	11								
	8	6-10 hrs	16	5	354	6	687	5	201	6									
	13	11-15 hrs	4	1	241	4	425	3	124	4									
	18	16-20 hrs	5	1	166	3	379	3	91	3									
	23	21-25 hrs	2	1	99	2	190	2	43	2									
	28	26-30 hrs	2	0	61	1	122	1	34	1									
	33	More than 30 hrs	20	5	656	11	1,468	12	368	12									
	Total			386	100	6,557	100	13,564	100	3,562	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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											
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	84	22	1,338	23	4,415	33	851	28	3.7	4.8 *** ▽	-0.19	4.5 *** ▽	-0.13	4.8 *** ▽	-0.18	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	247	63	3,418	51	6,071	43	1,742	45								
		8	6-10 hrs	36	9	1,089	16	1,700	13	579	16								
		13	11-15 hrs	8	2	349	5	595	5	174	5								
		18	16-20 hrs	8	2	143	2	276	2	75	2								
		23	21-25 hrs	2	0	66	1	151	1	44	1								
		28	26-30 hrs	2	1	36	0	70	1	24	1								
		33	More than 30 hrs	2	0	138	2	305	2	83	2								
		Total			389	100	6,577	100	13,583	100	3,572	100							
17. 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	58	16	1,112	17	1,418	10	388	10	2.7	2.7	.00	3.0 *** ▽	-0.24	3.0 *** ▽	-0.26	
		2	Some	114	31	2,042	32	3,755	28	981	27								
		3	About half	129	32	1,666	26	3,861	28	998	28								
		4	Most	56	14	1,218	18	3,109	23	817	23								
		5	Almost all	31	8	515	7	1,418	11	378	11								
			Total			388	100	6,553	100	13,561	100								3,562
tmreadinghrs																			
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																			
6.7																			
6.4 .05 7.5 ** -0.13 7.5 ** -0.13																			
tmreadinghrscol <i>(Collapsed version of tmreadinghrs created by NSSE.)</i>		1	0 hrs	1	0	33	1	38	0	12	0	6.7	6.4	.05	7.5 ** ▽	-0.13	7.5 ** ▽	-0.13	
		2	More than zero, up to 5 hrs	183	49	3,471	53	6,063	45	1,657	46								
		3	More than 5, up to 10 hrs	122	31	1,777	27	4,066	30	1,057	29								
		4	More than 10, up to 15 hrs	39	10	619	9	1,494	11	366	11								
		5	More than 15, up to 20 hrs	29	7	311	5	914	7	219	7								
		6	More than 20, up to 25 hrs	11	3	231	3	619	5	157	5								
		7	More than 25 hrs	2	0	89	1	322	2	87	3								
			Total			387	100	6,531	100	13,516	100								3,555

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

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Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
18. 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	34	9	420	7	596	5	169	5	2.8	2.9	-0.10	3.1 ***	-0.28	3.0 ***	-0.26	
		2	Some	97	26	1,552	25	2,728	20	701	20								
		3	Quite a bit	159	41	2,637	39	5,489	40	1,455	40								
		4	Very much	94	25	1,941	29	4,739	35	1,231	35								
		Total		384	100	6,550	100	13,552	100	3,556	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	38	10	551	10	797	6	259	8	2.7	2.8	-0.06	3.0 ***	-0.27	2.9 ***	-0.18	
		2	Some	104	28	1,699	27	2,891	21	777	23								
		3	Quite a bit	158	41	2,470	36	5,344	39	1,407	38								
		4	Very much	85	22	1,819	27	4,495	33	1,106	30								
		Total		385	100	6,539	100	13,527	100	3,549	100								
c. Thinking critically and analytically	pgthink	1	Very little	10	3	173	3	253	2	73	2	3.2	3.2	-0.03	3.3 **	-0.16	3.3 *	-0.12	
		2	Some	60	17	954	15	1,612	12	438	14								
		3	Quite a bit	162	41	2,625	39	5,234	38	1,395	38								
		4	Very much	153	40	2,790	42	6,438	47	1,644	46								
		Total		385	100	6,542	100	13,537	100	3,550	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	33	8	653	10	1,383	10	321	9	2.8	2.8	.00	2.8	-0.02	2.9	-0.06	
		2	Some	109	28	1,792	27	3,607	26	851	25								
		3	Quite a bit	137	36	2,173	33	4,531	34	1,246	35								
		4	Very much	105	27	1,920	30	4,013	31	1,132	31								
		Total		384	100	6,538	100	13,534	100	3,550	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	31	9	582	10	979	8	322	9	2.9	2.9	.01	3.0	-0.10	2.9	-0.01	
		2	Some	95	24	1,582	24	2,947	22	813	23								
		3	Quite a bit	132	35	2,324	34	4,732	35	1,253	35								
		4	Very much	126	32	2,055	32	4,868	36	1,157	32								
		Total		384	100	6,543	100	13,526	100	3,545	100								
f. Working effectively with others	pgothers	1	Very little	27	7	325	6	529	4	151	5	2.9	3.0	-0.07	3.1 ***	-0.21	3.0 **	-0.15	
		2	Some	80	22	1,384	23	2,513	19	674	21								
		3	Quite a bit	164	43	2,614	39	5,271	38	1,434	39								
		4	Very much	113	28	2,214	33	5,227	38	1,288	35								
		Total		384	100	6,537	100	13,540	100	3,547	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 2021 Frequencies and Statistical Comparisons

Northern Michigan University

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											
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	51	14	756	13	1,057	9	321	10	2.7	2.7	-.02	2.9 ***	-.25	2.9 ***	-.19	
		2	Some	99	27	1,755	28	2,971	22	828	23								
		3	Quite a bit	133	35	2,327	34	4,986	36	1,299	36								
		4	Very much	97	24	1,695	25	4,512	33	1,100	31								
		Total		380	100	6,533	100	13,526	100	3,548	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	50	13	676	11	1,081	8	309	10	2.6	2.7 *	-.11	2.9 ***	-.29	2.9 ***	-.25	
		2	Some	122	32	1,791	28	3,246	24	833	24								
		3	Quite a bit	121	32	2,268	34	4,812	35	1,259	35								
		4	Very much	87	23	1,797	26	4,390	33	1,146	32								
		Total		380	100	6,532	100	13,529	100	3,547	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	33	9	620	11	1,140	9	322	10	2.7	2.7	-.02	2.9 *	-.13	2.8	-.10	
		2	Some	119	31	1,863	29	3,479	26	881	25								
		3	Quite a bit	144	37	2,410	36	4,972	36	1,314	36								
		4	Very much	86	23	1,637	25	3,950	29	1,034	29								
		Total		382	100	6,530	100	13,541	100	3,551	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	45	12	951	16	1,428	11	402	12	2.7	2.6	.09	2.8 *	-.11	2.8	-.09	
		2	Some	124	32	2,021	31	3,753	27	999	27								
		3	Quite a bit	123	32	2,118	31	4,672	34	1,193	33								
		4	Very much	90	24	1,447	22	3,701	28	962	28								
		Total		382	100	6,537	100	13,554	100	3,556	100								
19. How would you evaluate your entire educational experience at this institution?																			
evalexp		1	Poor	8	3	211	4	351	3	102	3	3.0	3.1	-.05	3.2 ***	-.19	3.2 **	-.15	
		2	Fair	76	20	1,011	16	1,764	14	461	14								
		3	Good	180	46	3,139	47	6,087	44	1,641	45								
		4	Excellent	119	31	2,187	33	5,368	39	1,356	37								
		Total		383	100	6,548	100	13,570	100	3,560	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
sameinst		1	Definitely no	23	6	357	6	802	6	193	6	3.1	3.1	-.08	3.1 *	-.10	3.2 *	-.12	
		2	Probably no	66	18	883	14	1,926	14	447	13								
		3	Probably yes	157	40	2,792	42	5,305	39	1,441	40								
		4	Definitely yes	138	36	2,525	38	5,583	41	1,497	41								
		Total		384	100	6,557	100	13,616	100	3,578	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b						
				NMU		Great Lakes Peers		Crngie Size/Setting		National Peers		NMU		Great Lakes Peers		Crngie Size/Setting		National Peers
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
22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?																		
	covidexp	1	Very little	28	7	106	9	363	7	52	9	3.0	2.9 *	.11	3.0	-.05	3.0	.04
		2	Some	79	21	278	23	1,219	21	140	22							
		3	Quite a bit	146	38	449	38	2,025	35	233	35							
		4	Very much	130	35	343	30	2,125	38	205	35							
			Total	383	100	1,176	100	5,732	100	630	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 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	NMU	NMU	Great Lakes Peers	Cmgie Size/Setting	National Peers	NMU	Great Lakes Peers	Cmgie Size/Setting	National Peers	NMU	Great Lakes Peers	Cmgie Size/Setting	National Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Peers	Cmgie Size/Setting	National Peers	Great Lakes Peers	Cmgie Size/Setting	National Peers	Great Lakes Peers	Cmgie Size/Setting	National Peers
1 a. askquest	368	2.76	2.73	2.84	2.75	.042	.008	.005	.011	.81	.84	.84	.85	394	24,942	422	.449	.091	.834	.04	-.09	.01
b. CLaskhelp	370	2.20	2.49	2.50	2.55	.046	.009	.006	.012	.88	.89	.90	.89	395	380	420	.000	.000	.000	-.33	-.34	-.39
c. CLexplain	369	2.33	2.58	2.58	2.62	.044	.008	.006	.011	.84	.83	.86	.85	11,101	380	5,914	.000	.000	.000	-.30	-.29	-.34
d. CLstudy	364	2.04	2.30	2.40	2.40	.051	.009	.006	.013	.97	.95	.97	.96	11,018	374	5,902	.000	.000	.000	-.27	-.37	-.38
e. CLproject	359	2.19	2.52	2.59	2.63	.041	.008	.006	.011	.78	.86	.88	.85	388	372	415	.000	.000	.000	-.39	-.45	-.52
f. present	358	1.96	2.19	2.29	2.30	.038	.009	.006	.012	.73	.89	.90	.91	393	373	433	.000	.000	.000	-.26	-.37	-.38
2 a. RIintegrate	357	2.43	2.54	2.56	2.57	.046	.008	.006	.012	.86	.84	.86	.85	10,759	23,867	5,722	.017	.007	.003	-.13	-.14	-.16
b. RISocietal	354	2.59	2.46	2.58	2.58	.047	.009	.006	.012	.89	.88	.87	.88	10,642	23,626	5,684	.009	.866	.926	.14	.01	.01
c. RIDiverse	353	2.63	2.44	2.61	2.61	.048	.009	.006	.013	.90	.91	.89	.91	10,525	23,379	5,620	.000	.652	.627	.21	.02	.03
d. RIownview	345	2.74	2.69	2.78	2.78	.042	.008	.005	.011	.78	.82	.80	.82	370	23,072	5,542	.200	.399	.382	.07	-.05	-.05
e. RIPerspect	337	2.89	2.85	2.93	2.93	.043	.008	.005	.011	.79	.80	.79	.80	10,178	22,577	5,425	.377	.342	.289	.05	-.05	-.06
f. RInewview	330	2.76	2.76	2.84	2.84	.043	.008	.005	.011	.78	.80	.78	.79	10,001	22,196	5,347	.980	.051	.073	.00	-.11	-.10
g. RIconnect	329	3.03	2.98	3.02	3.01	.041	.008	.005	.011	.74	.74	.75	.75	9,805	21,841	5,250	.213	.686	.544	.07	.02	.03
3 a. SFcareer	329	2.21	2.29	2.33	2.29	.052	.009	.006	.013	.94	.91	.94	.95	9,791	21,774	5,244	.089	.020	.139	-.10	-.13	-.08
b. SFotherwork	328	1.58	1.71	1.80	1.79	.043	.009	.006	.013	.79	.88	.93	.93	357	341	391	.004	.000	.000	-.15	-.23	-.23
c. SFdiscuss	317	1.83	1.95	2.01	1.98	.048	.009	.006	.013	.86	.87	.91	.90	9,622	21,411	5,153	.019	.000	.004	-.13	-.20	-.16
d. SFperform	320	2.02	2.07	2.16	2.15	.045	.009	.006	.013	.80	.87	.89	.92	345	331	377	.331	.002	.005	-.05	-.15	-.14
4 a. memorize	319	2.83	2.87	2.87	2.87	.047	.008	.006	.012	.84	.80	.81	.81	9,487	21,229	5,103	.407	.380	.467	-.05	-.05	-.04
b. HOapply	315	2.81	2.84	2.86	2.82	.047	.008	.006	.012	.84	.80	.80	.81	9,427	21,096	5,079	.512	.198	.779	-.04	-.07	-.02
c. HOanalyze	313	2.75	2.81	2.86	2.82	.046	.009	.006	.012	.82	.81	.81	.83	9,330	20,784	5,009	.267	.023	.148	-.06	-.13	-.08
d. HOevaluate	311	2.77	2.81	2.88	2.86	.048	.009	.006	.012	.85	.81	.80	.81	9,258	318	4,972	.341	.017	.055	-.05	-.15	-.11
e. HOform	308	2.79	2.79	2.88	2.85	.044	.009	.006	.012	.78	.80	.80	.81	9,192	20,511	4,931	.938	.065	.225	.00	-.11	-.07
5 a. ETgoals	306	2.98	3.01	3.04	2.99	.046	.008	.006	.012	.80	.78	.80	.80	9,097	20,359	4,899	.542	.224	.874	-.04	-.07	-.01
b. ETorganize	304	2.93	2.92	2.96	2.88	.046	.009	.006	.013	.80	.82	.84	.85	9,079	20,282	350	.924	.449	.379	.01	-.04	.05
c. ETexample	302	2.93	2.96	2.98	2.93	.048	.009	.006	.012	.84	.82	.83	.83	9,058	20,230	4,864	.459	.237	.992	-.04	-.07	.00
d. ETdraftfb	301	2.83	2.77	2.84	2.80	.049	.010	.006	.013	.85	.90	.90	.89	323	20,190	4,849	.231	.820	.621	.07	-.01	.03
e. ETfeedback	298	2.65	2.68	2.76	2.70	.049	.009	.006	.013	.85	.87	.90	.89	8,995	20,086	4,842	.576	.044	.360	-.03	-.12	-.05
f. etcriteria	293	2.98	2.84	2.98	2.88	.046	.020	.009	.026	.79	.83	.85	.87	407	317	491	.007	.926	.060	.17	-.01	.12
g. etreview	292	2.91	2.83	2.97	2.87	.044	.020	.009	.024	.76	.81	.81	.81	411	8,379	476	.087	.224	.363	.10	-.07	.06
h. etprefer	290	2.52	2.41	2.62	2.47	.049	.021	.010	.026	.84	.86	.89	.88	2,024	8,365	1,425	.045	.071	.425	.13	-.11	.05
i. etdemonstrate	290	3.00	2.97	3.09	3.01	.045	.020	.009	.025	.77	.83	.81	.83	2,022	313	1,414	.635	.039	.872	.03	-.12	-.01

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

First-Year Students

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	NMU	NMU	Great Lakes Peers	Cringie Size/Setting	National Peers	NMU	Great Lakes Peers	Cringie Size/Setting	National Peers	NMU	Great Lakes Peers	Cringie Size/Setting	National Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Peers	Cringie Size/Setting	National Peers	Great Lakes Peers	Cringie Size/Setting	National Peers	Great Lakes Peers	Cringie Size/Setting	National Peers
6 a. QRconclude	288	2.59	2.55	2.55	2.57	.048	.009	.006	.013	.81	.87	.87	.85	8,787	19,627	4,746	.462	.523	.677	.04	.04	.03
b. QRproblem	284	2.32	2.30	2.34	2.35	.051	.010	.007	.014	.86	.92	.91	.91	8,714	19,500	4,720	.758	.647	.557	.02	-.03	-.04
c. QRevaluate	282	2.25	2.28	2.32	2.34	.050	.009	.006	.013	.84	.87	.89	.88	8,691	19,413	4,684	.601	.193	.107	-.03	-.08	-.10
7 a. wrshortnum	280	5.95	6.31	6.52	6.17	.320	.060	.042	.082	5.35	5.53	5.75	5.45	8,692	19,349	4,673	.283	.100	.505	-.07	-.10	-.04
b. wrmednum	278	1.74	2.09	2.26	2.26	.168	.035	.024	.051	2.80	3.22	3.36	3.35	302	289	330	.042	.002	.003	-.11	-.16	-.16
c. wrlongnum	280	.69	.83	.97	1.03	.145	.029	.022	.048	2.42	2.66	2.97	3.18	8,670	291	343	.390	.059	.027	-.05	-.09	-.11
— wrpages	276	41.90	47.64	51.70	51.48	3.773	.745	.534	1.145	62.64	68.11	73.39	75.60	8,631	286	327	.168	.011	.016	-.08	-.13	-.13
8 a. DDrace	280	2.49	2.86	2.91	2.88	.054	.010	.007	.014	.90	.92	.93	.93	8,645	19,231	4,640	.000	.000	.000	-.41	-.46	-.42
b. DDeconomic	277	2.77	2.88	2.92	2.91	.053	.010	.006	.013	.88	.88	.89	.88	8,630	19,187	4,616	.051	.006	.012	-.12	-.16	-.16
c. DDreligion	277	2.78	2.87	2.79	2.80	.055	.010	.007	.014	.91	.92	.95	.94	8,633	19,185	4,620	.094	.836	.663	-.10	-.01	-.03
d. DDpolitical	277	2.83	2.85	2.81	2.77	.055	.010	.007	.014	.91	.91	.94	.94	8,634	19,198	4,630	.697	.825	.313	-.02	.01	.06
9 a. LSreading	272	2.89	2.90	2.98	2.95	.045	.009	.006	.012	.74	.78	.77	.77	8,558	19,029	4,577	.842	.057	.202	-.01	-.12	-.08
b. LSnotes	271	2.85	2.85	2.91	2.88	.057	.010	.006	.013	.93	.87	.88	.86	8,559	18,995	4,562	.880	.263	.572	-.01	-.07	-.04
c. LSsummary	271	2.80	2.75	2.83	2.79	.051	.009	.006	.013	.85	.86	.85	.85	8,542	19,021	4,564	.366	.547	.850	.06	-.04	.01
10 challenge	267	5.18	5.31	5.38	5.24	.079	.014	.009	.019	1.29	1.23	1.25	1.27	8,515	18,848	4,542	.079	.009	.460	-.11	-.16	-.05
11 a. intern ^l	268	5%	6%	8%	6%	.013	.003	.002	.004	--	--	--	--	--	--	--	.434	.093	.470	-.05	-.11	-.05
b. leader ^l	268	8%	8%	9%	8%	.017	.003	.002	.004	--	--	--	--	--	--	--	.868	.847	.670	.01	-.01	.03
c. learncom ^l	267	7%	8%	9%	9%	.015	.003	.002	.004	--	--	--	--	--	--	--	.612	.178	.190	-.03	-.09	-.09
d. abroad ^l	267	0%	2%	2%	2%	.000	.001	.001	.002	--	--	--	--	--	--	--	.029	.020	.023	-.26	-.28	-.28
e. research ^l	266	5%	4%	4%	4%	.014	.002	.001	.003	--	--	--	--	--	--	--	.202	.375	.375	.07	.05	.05
f. capstone ^l	266	0%	2%	2%	2%	.003	.001	.001	.002	--	--	--	--	--	--	--	.074	.052	.046	-.15	-.17	-.18
12 servcourse	264	1.39	1.55	1.67	1.64	.038	.007	.005	.011	.62	.67	.72	.73	283	274	311	.000	.000	.000	-.25	-.39	-.35
13 a. QIstudent	262	4.96	5.29	5.34	5.28	.085	.016	.011	.022	1.38	1.40	1.43	1.40	8,212	269	4,398	.000	.000	.000	-.24	-.27	-.23
b. QIadvisor	264	5.47	5.36	5.35	5.14	.099	.018	.012	.025	1.61	1.59	1.60	1.62	8,197	18,146	4,349	.271	.229	.001	.07	.07	.20
c. QIfaculty	261	5.24	5.33	5.38	5.23	.089	.015	.011	.022	1.44	1.34	1.42	1.40	8,236	18,171	4,382	.267	.101	.934	-.07	-.10	.01
d. QIstaff	238	5.15	5.13	5.13	5.05	.103	.019	.013	.026	1.60	1.59	1.63	1.61	7,193	16,463	4,096	.846	.858	.385	.01	.01	.06
e. QIadmin	223	4.99	5.09	5.12	5.00	.110	.019	.012	.026	1.64	1.59	1.63	1.62	7,465	17,338	4,136	.398	.239	.966	-.06	-.08	.00

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	NMU	NMU	Great Lakes Peers	Crrngie Size/Setting	National Peers	NMU	Great Lakes Peers	Crrngie Size/Setting	National Peers	NMU	Great Lakes Peers	Crrngie Size/Setting	National Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Peers	Crrngie Size/Setting	National Peers	Great Lakes Peers	Crrngie Size/Setting	National Peers	Great Lakes Peers	Crrngie Size/Setting	National Peers
14 a. empstudy	265	2.94	3.02	3.04	2.99	.043	.008	.006	.011	.71	.76	.75	.74	285	273	4,438	.081	.023	.289	-.10	-.13	-.07
b. SEacademic	264	2.85	2.96	3.00	2.96	.051	.009	.006	.013	.82	.84	.84	.85	8,249	18,323	4,422	.044	.004	.044	-.13	-.18	-.13
c. SElearnsup	264	2.80	3.03	3.04	3.03	.056	.010	.007	.014	.91	.89	.90	.91	8,257	18,312	4,424	.000	.000	.000	-.26	-.27	-.25
d. SEdiverse	264	2.33	2.64	2.75	2.74	.056	.011	.007	.015	.90	.96	.95	.95	284	18,303	4,426	.000	.000	.000	-.32	-.45	-.44
e. SEsocial	263	2.57	2.83	2.88	2.88	.056	.010	.007	.014	.92	.91	.91	.90	8,232	18,237	295	.000	.000	.000	-.29	-.34	-.35
f. SEwellness	262	2.68	2.82	2.86	2.87	.054	.010	.007	.014	.87	.90	.92	.90	8,224	18,195	4,396	.016	.002	.001	-.15	-.20	-.21
g. SENonacad	261	2.10	2.20	2.33	2.34	.055	.011	.007	.015	.88	.96	.98	.99	280	269	302	.090	.000	.000	-.10	-.23	-.25
h. SEactivities	260	2.40	2.60	2.69	2.64	.058	.011	.007	.015	.93	.96	.97	.96	8,186	18,156	4,379	.001	.000	.000	-.21	-.29	-.25
i. SEevents	260	2.25	2.33	2.47	2.43	.056	.011	.007	.015	.91	.94	.97	.96	8,179	268	297	.182	.000	.002	-.08	-.23	-.19
15 a. SBmyself	261	3.17	3.22	3.23	3.22	.039	.008	.005	.010	.63	.68	.69	.66	281	269	4,372	.223	.124	.245	-.07	-.09	-.07
b. SBvalued	261	2.82	2.94	3.02	2.96	.045	.008	.005	.011	.73	.74	.73	.72	8,179	267	292	.006	.000	.002	-.17	-.28	-.20
c. SBcommunity	261	2.81	2.91	2.99	2.95	.045	.009	.006	.012	.73	.78	.77	.75	8,188	18,142	4,381	.030	.000	.004	-.14	-.24	-.19
16 a. tmprephrs	259	15.29	13.95	13.90	13.15	.547	.090	.061	.123	8.80	8.00	8.12	7.93	272	264	285	.016	.012	.000	.17	.17	.27
b. tmcocurrhrs	257	3.76	4.62	5.32	4.83	.380	.075	.054	.103	6.09	6.67	7.14	6.62	276	266	295	.026	.000	.007	-.13	-.22	-.16
c. tmworkonhrs	260	3.28	2.28	2.14	2.02	.398	.063	.040	.083	6.41	5.63	5.35	5.34	272	264	282	.014	.005	.002	.18	.21	.23
d. tmworkoffhrs	260	4.20	7.05	6.64	6.29	.528	.115	.078	.154	8.50	10.22	10.37	9.89	284	270	305	.000	.000	.000	-.28	-.24	-.21
— tmworkhrs	260	7.48	9.31	8.74	8.29	.643	.129	.087	.179	10.35	11.43	11.62	11.42	280	268	300	.006	.054	.224	-.16	-.11	-.07
e. tmservicehrs	260	1.15	2.04	2.33	2.43	.227	.050	.037	.081	3.66	4.42	4.96	5.22	284	273	329	.000	.000	.000	-.20	-.24	-.25
f. tmrelaxhrs	258	13.77	13.17	12.43	13.09	.554	.098	.065	.141	8.91	8.73	8.72	9.01	8,139	18,025	4,365	.280	.015	.238	.07	.15	.08
g. tmcarehrs	258	1.23	2.22	3.20	3.02	.280	.068	.056	.112	4.49	6.04	7.52	7.18	288	278	345	.001	.000	.000	-.17	-.26	-.25
h. tmcommutehrs	259	2.58	3.90	3.30	3.42	.301	.063	.045	.096	4.84	5.56	5.98	6.14	281	269	312	.000	.018	.008	-.24	-.12	-.14
17 reading	260	2.54	2.56	2.76	2.75	.064	.012	.008	.016	1.03	1.07	1.07	1.05	8,119	18,016	4,353	.686	.001	.002	-.03	-.21	-.20
— tmreadinghrs	259	5.89	5.75	6.40	6.06	.312	.059	.042	.086	5.02	5.18	5.62	5.47	8,085	267	4,340	.675	.106	.620	.03	-.09	-.03

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	NMU	NMU	Great Lakes Peers	Crrigie Size/Setting	National Peers	NMU	Great Lakes Peers	Crrigie Size/Setting	National Peers	NMU	Great Lakes Peers	Crrigie Size/Setting	National Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Peers	Crrigie Size/Setting	National Peers	Great Lakes Peers	Crrigie Size/Setting	National Peers	Great Lakes Peers	Crrigie Size/Setting	National Peers
18 a. pgwrite	258	2.65	2.72	2.83	2.77	.053	.010	.006	.013	.85	.86	.85	.85	8,078	17,938	4,324	.205	.001	.026	-.08	-.21	-.14
b. pgspeak	259	2.36	2.61	2.72	2.68	.060	.010	.007	.014	.96	.91	.91	.90	8,089	17,931	4,339	.000	.000	.000	-.28	-.40	-.35
c. pgthink	259	2.86	2.98	3.07	3.03	.053	.009	.006	.012	.85	.81	.80	.79	273	17,924	287	.030	.000	.003	-.14	-.25	-.20
d. pganalyze	257	2.55	2.59	2.64	2.68	.060	.011	.007	.015	.96	.94	.94	.93	8,056	17,914	4,318	.533	.156	.042	-.04	-.09	-.13
e. pgwork	257	2.44	2.53	2.60	2.56	.061	.011	.007	.015	.98	.94	.95	.93	8,083	17,945	4,329	.148	.006	.046	-.09	-.17	-.13
f. pgothers	257	2.47	2.73	2.84	2.83	.056	.010	.007	.014	.90	.88	.88	.87	8,058	264	287	.000	.000	.000	-.30	-.43	-.42
g. pgvalues	257	2.47	2.54	2.75	2.70	.059	.011	.007	.014	.95	.94	.92	.92	8,079	17,906	4,326	.208	.000	.000	-.08	-.31	-.25
h. pgdiverse	257	2.58	2.68	2.82	2.80	.056	.011	.007	.014	.90	.94	.92	.92	8,076	17,927	4,321	.119	.000	.000	-.10	-.25	-.24
i. pgprobsolve	256	2.45	2.52	2.65	2.61	.056	.010	.007	.014	.89	.92	.92	.92	8,069	17,921	4,328	.225	.001	.010	-.08	-.21	-.17
j. pgcitizen	257	2.53	2.51	2.68	2.63	.057	.011	.007	.014	.92	.95	.93	.92	8,088	17,937	4,340	.683	.012	.102	.03	-.16	-.11
19 evalexp	260	2.94	3.03	3.10	3.00	.048	.008	.006	.012	.77	.74	.75	.74	8,107	18,012	4,363	.041	.001	.196	-.13	-.22	-.08
20 sameinst	260	3.27	3.14	3.16	3.07	.045	.009	.006	.013	.73	.80	.80	.82	8,133	18,115	4,389	.012	.033	.000	.16	.13	.24
21 returnexp ^l	260	85%	87%	85%	86%	.0223	.0038	.0026	.0054	--	--	--	--	--	--	--	.287	.797	.622	-.06	-.02	-.03
22 covidexp	261	2.93	2.86	3.09	2.92	.057	.024	.010	.029	.93	.95	.88	.92	1,880	7,525	1,287	.226	.004	.884	.08	-.18	.01

IPEDS: 171456

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	NMU	NMU	Great Lakes Peers	Cringie Size/Setting	National Peers	NMU	Great Lakes Peers	Cringie Size/Setting	National Peers	NMU	Great Lakes Peers	Cringie Size/Setting	National Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Peers	Cringie Size/Setting	National Peers	Great Lakes Peers	Cringie Size/Setting	National Peers	Great Lakes Peers	Cringie Size/Setting	National Peers
1 a. askquest	497	3.05	3.02	3.13	3.06	.038	.007	.006	.011	.85	.87	.85	.88	15,382	23,891	7,151	.341	.038	.830	.04	-.09	-.01
b. CLaskhelp	494	2.40	2.40	2.42	2.38	.044	.008	.006	.011	.98	.92	.92	.93	522	511	560	.957	.612	.626	.00	-.02	.02
c. CLexplain	497	2.66	2.68	2.69	2.66	.043	.007	.006	.011	.95	.89	.90	.90	526	515	565	.681	.440	.971	-.02	-.04	.00
d. CLstudy	493	2.26	2.37	2.44	2.39	.046	.008	.007	.012	1.02	1.00	1.01	1.01	15,205	23,602	7,064	.019	.000	.004	-.11	-.18	-.13
e. CLproject	493	2.69	2.84	2.82	2.84	.041	.008	.006	.011	.91	.91	.93	.92	15,142	23,528	7,038	.000	.002	.000	-.16	-.14	-.16
f. present	493	2.48	2.66	2.75	2.68	.041	.008	.006	.012	.92	.96	.95	.97	15,111	23,500	7,020	.000	.000	.000	-.19	-.28	-.21
2 a. RIintegrate	477	2.95	2.89	2.92	2.93	.038	.007	.006	.011	.84	.83	.85	.85	14,976	23,214	6,937	.111	.363	.536	.07	.04	.03
b. RISocietal	479	2.83	2.69	2.85	2.85	.042	.008	.006	.011	.93	.91	.89	.90	14,872	23,106	6,904	.001	.596	.692	.16	-.02	-.02
c. RIDiverse	474	2.58	2.51	2.73	2.70	.045	.008	.006	.012	.98	.97	.93	.95	14,748	491	6,874	.143	.001	.008	.07	-.16	-.13
d. RIownview	471	2.73	2.78	2.89	2.87	.040	.007	.005	.010	.86	.83	.82	.83	14,671	488	537	.271	.000	.001	-.05	-.19	-.16
e. RIPerspect	465	3.01	2.92	3.02	2.99	.038	.007	.005	.010	.83	.82	.79	.80	14,486	22,470	6,723	.023	.782	.748	.11	-.01	.02
f. RInewview	459	2.85	2.89	2.97	2.98	.039	.007	.005	.010	.83	.81	.79	.79	14,319	476	522	.214	.001	.001	-.06	-.16	-.16
g. RIconnect	451	3.19	3.15	3.19	3.19	.035	.006	.005	.009	.74	.73	.73	.74	14,115	22,001	6,583	.360	.817	.935	.04	-.01	.00
3 a. SFcareer	451	2.44	2.42	2.52	2.42	.045	.008	.007	.013	.95	.99	1.00	1.00	14,133	471	6,556	.656	.087	.596	.02	-.08	.03
b. SFotherwork	445	1.93	1.90	2.06	1.95	.046	.009	.007	.013	.98	1.01	1.04	1.01	476	465	6,556	.484	.009	.788	.03	-.12	-.01
c. SFdiscuss	443	2.17	2.11	2.23	2.14	.042	.008	.007	.012	.89	.95	.97	.96	13,897	465	521	.183	.158	.460	.06	-.06	.03
d. SFperform	445	2.16	2.15	2.30	2.21	.041	.008	.006	.012	.87	.91	.94	.93	13,921	466	521	.904	.001	.232	.01	-.15	-.06
4 a. memorize	442	2.74	2.71	2.74	2.70	.042	.008	.006	.011	.89	.88	.88	.88	13,812	21,619	6,470	.411	.971	.278	.04	.00	.05
b. HOapply	440	3.02	3.01	3.06	3.03	.037	.007	.005	.010	.77	.81	.80	.80	13,781	459	6,414	.686	.315	.915	.02	-.05	-.01
c. HOanalyze	435	2.98	2.95	3.03	3.01	.037	.007	.006	.011	.77	.83	.81	.82	468	21,267	6,355	.363	.245	.469	.04	-.06	-.04
d. HOevaluate	434	2.89	2.85	3.00	2.97	.040	.008	.006	.011	.83	.86	.82	.84	464	21,171	6,324	.332	.009	.066	.05	-.13	-.09
e. HOform	432	2.92	2.87	2.99	2.97	.037	.007	.006	.011	.77	.83	.81	.80	465	21,081	6,297	.191	.080	.242	.06	-.09	-.06
5 a. ETgoals	430	3.06	3.09	3.14	3.13	.039	.007	.006	.011	.80	.81	.80	.80	13,447	20,931	6,255	.441	.054	.108	-.04	-.09	-.08
b. ETorganize	431	3.03	2.99	3.05	3.01	.039	.007	.006	.011	.80	.85	.85	.85	13,423	20,913	6,256	.427	.513	.734	.04	-.03	.02
c. ETexample	430	3.07	3.04	3.09	3.06	.039	.008	.006	.011	.81	.86	.85	.86	13,387	20,867	6,246	.522	.490	.870	.03	-.03	.01
d. ETdraftfb	430	2.80	2.76	2.88	2.81	.045	.008	.007	.013	.94	.96	.94	.96	13,376	20,847	6,244	.410	.089	.742	.04	-.08	-.02
e. ETfeedback	426	2.85	2.79	2.88	2.82	.043	.008	.006	.012	.88	.92	.91	.94	13,337	20,745	498	.182	.504	.542	.07	-.03	.03
f. etcriteria	428	3.07	2.91	3.03	2.92	.039	.017	.009	.025	.81	.90	.84	.86	603	8,612	1,662	.000	.424	.003	.18	.04	.17
g. etreview	423	3.03	2.92	3.02	2.94	.041	.016	.009	.024	.83	.84	.82	.84	3,148	8,582	1,660	.011	.826	.045	.13	.01	.11
h. etprefer	425	2.66	2.54	2.71	2.54	.044	.018	.010	.026	.90	.94	.91	.93	3,151	8,557	1,654	.018	.231	.026	.12	-.06	.13
i. etdemonstrate	425	3.05	3.04	3.15	3.05	.039	.016	.009	.024	.81	.83	.80	.84	3,139	8,552	1,651	.919	.013	.926	.01	-.12	-.01

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	NMU	NMU	Great Lakes Peers	Cringie Size/Setting	National Peers	NMU	Great Lakes Peers	Cringie Size/Setting	National Peers	NMU	Great Lakes Peers	Cringie Size/Setting	National Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Peers	Cringie Size/Setting	National Peers	Great Lakes Peers	Cringie Size/Setting	National Peers	Great Lakes Peers	Cringie Size/Setting	National Peers
6 a. QRconclude	419	2.60	2.63	2.62	2.62	.044	.008	.006	.012	.90	.90	.91	.90	13,101	20,443	6,125	.518	.627	.538	-.03	-.02	-.03
b. QRproblem	418	2.43	2.38	2.45	2.47	.047	.008	.007	.013	.96	.95	.95	.94	13,045	20,341	6,097	.228	.721	.414	.06	-.02	-.04
c. QRevaluate	416	2.42	2.38	2.44	2.44	.044	.008	.007	.012	.89	.91	.92	.91	13,018	20,272	6,088	.498	.618	.625	.03	-.02	-.02
7 a. wrshortnum	413	6.97	7.44	8.06	7.82	.325	.059	.048	.089	6.60	6.62	6.80	6.73	12,922	20,234	6,080	.155	.001	.012	-.07	-.16	-.13
b. wrmednum	410	2.84	3.36	3.72	3.60	.192	.038	.032	.059	3.88	4.26	4.52	4.40	12,886	432	489	.014	.000	.000	-.12	-.20	-.18
c. wrlongnum	412	1.49	1.91	2.06	1.98	.149	.033	.028	.051	3.01	3.74	3.95	3.85	453	440	514	.006	.000	.002	-.11	-.15	-.13
— wrpages	409	65.67	77.41	84.35	81.74	3.911	.851	.710	1.295	79.05	94.73	99.47	96.95	447	435	501	.004	.000	.000	-.12	-.19	-.17
8 a. DDrace	407	2.46	2.90	2.96	2.94	.046	.009	.007	.012	.92	.96	.92	.94	12,930	20,157	6,053	.000	.000	.000	-.46	-.55	-.51
b. DDeconomic	403	2.81	2.93	2.98	2.96	.041	.008	.006	.012	.82	.88	.87	.88	12,875	20,088	6,026	.007	.000	.001	-.14	-.19	-.17
c. DDreligion	404	2.75	2.89	2.84	2.84	.042	.008	.007	.012	.85	.93	.94	.94	436	424	477	.001	.027	.038	-.15	-.10	-.10
d. DDpolitical	406	2.86	2.84	2.87	2.79	.043	.008	.007	.013	.87	.94	.93	.94	436	424	475	.608	.915	.114	.02	-.01	.08
9 a. LSreading	405	3.00	2.97	3.10	3.09	.042	.007	.006	.011	.84	.81	.79	.80	12,793	19,999	5,975	.414	.011	.042	.04	-.13	-.10
b. LSnotes	402	2.79	2.77	2.86	2.84	.045	.008	.007	.013	.91	.93	.94	.94	12,791	19,970	5,970	.640	.157	.366	.02	-.07	-.05
c. LSsummary	406	2.79	2.75	2.88	2.84	.043	.008	.006	.012	.86	.89	.89	.91	12,786	20,007	5,985	.467	.041	.281	.04	-.10	-.06
10 challenge	402	5.31	5.43	5.53	5.46	.073	.012	.010	.018	1.46	1.33	1.33	1.38	423	415	5,946	.111	.003	.037	-.09	-.17	-.11
11 a. intern ^l	404	40%	48%	50%	44%	.0244	.0045	.0036	.0067	--	--	--	--	--	--	--	.001	.000	.105	-.17	-.21	-.08
b. leader ^l	403	36%	31%	36%	29%	.0239	.0042	.0035	.0061	--	--	--	--	--	--	--	.039	.845	.003	.10	-.01	.15
c. learncom ^l	402	21%	20%	25%	21%	.0202	.0036	.0031	.0055	--	--	--	--	--	--	--	.723	.060	.895	.02	-.10	-.01
d. abroad ^l	403	9%	8%	12%	8%	.0143	.0025	.0024	.0038	--	--	--	--	--	--	--	.536	.051	.676	.03	-.10	.02
e. research ^l	402	23%	20%	25%	23%	.0210	.0036	.0031	.0057	--	--	--	--	--	--	--	.195	.382	.914	.06	-.04	.01
f. capstone ^l	400	32%	46%	53%	52%	.0233	.0045	.0036	.0067	--	--	--	--	--	--	--	.000	.000	.000	-.29	-.43	-.42
12 servcourse	400	1.71	1.70	1.85	1.81	.038	.006	.005	.010	.76	.71	.72	.73	12,552	414	454	.786	.000	.012	.01	-.20	-.14
13 a. QIstudent	394	5.57	5.54	5.61	5.57	.067	.012	.010	.019	1.34	1.35	1.34	1.37	12,238	19,235	5,749	.630	.509	.979	.02	-.03	.00
b. QIadvisor	393	5.16	5.24	5.38	5.18	.087	.016	.013	.025	1.73	1.78	1.74	1.81	12,295	19,266	5,704	.392	.016	.872	-.04	-.12	-.01
c. QIfaculty	398	5.62	5.46	5.57	5.51	.062	.013	.010	.019	1.24	1.42	1.41	1.43	432	419	478	.011	.446	.084	.11	.03	.08
d. QIstaff	346	5.12	4.96	5.03	5.01	.086	.018	.014	.026	1.61	1.74	1.74	1.74	9,668	16,459	4,892	.075	.302	.258	.10	.06	.06
e. QIadmin	377	4.95	4.95	5.04	5.04	.086	.016	.013	.024	1.67	1.71	1.73	1.71	11,460	18,707	5,480	.984	.301	.316	.00	-.05	-.05

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	NMU	NMU	Great Lakes Peers	Crrngie Size/Setting	National Peers	NMU	Great Lakes Peers	Crrngie Size/Setting	National Peers	NMU	Great Lakes Peers	Crrngie Size/Setting	National Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Peers	Crrngie Size/Setting	National Peers	Great Lakes Peers	Crrngie Size/Setting	National Peers	Great Lakes Peers	Crrngie Size/Setting	National Peers
14 a. empstudy	397	3.06	3.04	3.10	3.05	.038	.007	.006	.011	.77	.77	.77	.78	12,483	19,552	5,842	.512	.295	.825	.03	-.05	.01
b. SEacademic	396	2.71	2.84	2.93	2.92	.043	.008	.006	.012	.85	.86	.86	.85	12,454	412	455	.002	.000	.000	-.16	-.26	-.25
c. SElearnsup	395	2.76	2.78	2.87	2.89	.043	.009	.007	.013	.85	.94	.94	.94	426	19,488	5,826	.802	.024	.011	-.01	-.11	-.13
d. SEdiverse	391	2.35	2.53	2.62	2.63	.048	.009	.007	.013	.95	.99	.99	.99	419	408	454	.000	.000	.000	-.18	-.28	-.29
e. SEsocial	394	2.72	2.71	2.82	2.81	.044	.008	.007	.012	.87	.93	.91	.92	423	19,447	5,809	.839	.030	.067	.01	-.11	-.10
f. SEwellness	393	2.61	2.63	2.73	2.76	.048	.009	.007	.013	.94	.96	.94	.95	12,370	19,450	5,806	.705	.011	.003	-.02	-.13	-.16
g. SENonacad	390	1.99	1.99	2.12	2.12	.050	.009	.007	.014	.98	.95	1.00	1.01	12,341	19,399	450	.888	.009	.008	-.01	-.13	-.14
h. SEactivities	389	2.55	2.39	2.56	2.53	.045	.009	.007	.013	.89	.97	.99	.99	418	408	460	.001	.875	.583	.17	-.01	.03
i. SEevents	388	2.30	2.24	2.40	2.39	.048	.009	.007	.013	.94	.93	.97	.98	12,337	404	450	.220	.045	.059	.06	-.10	-.10
15 a. SBmyself	392	3.23	3.30	3.30	3.31	.038	.006	.005	.010	.75	.70	.73	.72	12,345	19,390	5,799	.056	.081	.030	-.10	-.09	-.11
b. SBvalued	391	2.73	2.86	2.96	2.94	.045	.008	.006	.011	.90	.85	.84	.84	414	405	441	.006	.000	.000	-.15	-.28	-.24
c. SBcommunity	391	2.86	2.87	2.98	2.94	.042	.008	.006	.011	.82	.85	.83	.84	12,324	19,380	5,785	.896	.008	.088	-.01	-.14	-.09
16 a. tmprephrs	390	15.86	14.40	14.86	14.67	.431	.080	.064	.119	8.51	8.68	8.84	8.76	12,293	19,300	5,786	.001	.028	.010	.17	.11	.14
b. tmcocurrhrs	386	4.13	3.96	5.20	4.28	.314	.060	.055	.094	6.16	6.49	7.55	6.88	12,283	409	457	.615	.001	.644	.03	-.14	-.02
c. tmworkonhrs	387	4.42	3.27	3.32	3.10	.373	.063	.049	.092	7.33	6.93	6.67	6.74	408	399	434	.003	.004	.001	.17	.16	.19
d. tmworkoffhrs	386	12.16	15.22	12.80	14.20	.652	.122	.095	.180	12.81	13.34	13.11	13.23	413	19,261	5,759	.000	.340	.003	-.23	-.05	-.15
— tmworkhrs	385	16.50	18.48	16.13	17.30	.621	.120	.098	.183	12.18	13.05	13.43	13.35	413	403	453	.002	.551	.216	-.15	.03	-.06
e. tmservicehrs	384	2.07	2.89	3.41	3.53	.206	.049	.044	.087	4.03	5.34	6.06	6.34	427	419	529	.000	.000	.000	-.15	-.22	-.24
f. tmrelaxhrs	384	12.33	10.95	10.80	10.98	.472	.075	.060	.115	9.25	8.21	8.25	8.43	402	395	429	.004	.001	.006	.17	.18	.16
g. tmcarehrs	383	2.90	6.23	6.23	6.50	.409	.101	.081	.154	8.00	11.05	11.16	11.31	430	413	498	.000	.000	.000	-.30	-.30	-.32
h. tmcommutehrs	385	3.67	4.78	4.51	4.85	.229	.055	.047	.089	4.50	6.02	6.52	6.52	430	418	508	.000	.000	.000	-.19	-.13	-.18
17 reading	385	2.68	2.68	2.96	2.98	.058	.011	.008	.016	1.14	1.17	1.16	1.17	12,246	19,223	5,750	.946	.000	.000	.00	-.24	-.26
— tmreadinghrs	384	6.69	6.38	7.55	7.54	.274	.055	.048	.091	5.38	5.94	6.56	6.65	12,203	407	472	.301	.002	.004	.05	-.13	-.13

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^l			Significance ^k			Effect size ^e		
	NMU	NMU	Great Lakes Peers	Crrgie Size/Setting	National Peers	NMU	Great Lakes Peers	Crrgie Size/Setting	National Peers	NMU	Great Lakes Peers	Crrgie Size/Setting	National Peers	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Peers	Crrgie Size/Setting	National Peers	Great Lakes Peers	Crrgie Size/Setting	National Peers	Great Lakes Peers	Crrgie Size/Setting	National Peers
18 a. pgwrite	382	2.82	2.91	3.06	3.05	.046	.008	.006	.012	.90	.90	.86	.86	12,229	395	432	.058	.000	.000	-.10	-.28	-.26
b. pgspeak	383	2.75	2.81	2.99	2.91	.046	.009	.007	.013	.91	.94	.90	.93	12,208	397	5,735	.249	.000	.001	-.06	-.27	-.18
c. pgthink	383	3.18	3.20	3.30	3.27	.041	.007	.006	.011	.80	.81	.77	.78	12,214	19,191	5,735	.546	.001	.026	-.03	-.16	-.12
d. pganalyze	382	2.83	2.83	2.85	2.89	.047	.009	.007	.013	.92	.97	.97	.95	12,200	19,179	5,734	.947	.712	.260	.00	-.02	-.06
e. pgwork	382	2.89	2.88	2.98	2.90	.049	.009	.007	.013	.95	.97	.94	.96	12,207	19,174	5,727	.836	.059	.854	.01	-.10	-.01
f. pgothers	382	2.92	2.98	3.10	3.04	.045	.008	.006	.012	.89	.88	.86	.87	12,201	19,199	5,733	.160	.000	.006	-.07	-.21	-.15
g. pgvalues	378	2.70	2.72	2.94	2.88	.051	.009	.007	.013	.99	.98	.95	.96	12,187	391	429	.659	.000	.001	-.02	-.25	-.19
h. pgdiverse	378	2.64	2.75	2.92	2.89	.050	.009	.007	.013	.98	.97	.95	.96	12,180	391	430	.035	.000	.000	-.11	-.29	-.25
i. pgprobsolve	380	2.73	2.75	2.85	2.83	.047	.009	.007	.013	.91	.95	.94	.96	12,196	19,201	5,735	.768	.015	.056	-.02	-.13	-.10
j. pgcitizen	380	2.68	2.59	2.79	2.76	.050	.009	.007	.013	.97	1.00	.97	.99	12,211	19,217	5,742	.099	.028	.095	.09	-.11	-.09
19 evalexp	380	3.05	3.09	3.20	3.17	.040	.007	.006	.011	.79	.80	.78	.79	12,225	394	5,758	.351	.000	.005	-.05	-.19	-.15
20 sameinst	382	3.05	3.12	3.14	3.16	.045	.008	.006	.012	.89	.86	.88	.87	12,245	19,322	5,789	.148	.043	.020	-.08	-.10	-.12
21 covidexp	381	2.99	2.89	3.04	2.96	.047	.019	.011	.028	.92	.93	.92	.95	2,862	7,983	1,527	.041	.351	.516	.11	-.05	.04

IPEDS: 171456

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."