
NSSE 2017
Frequencies and Statistical Comparisons
Northern Michigan University

NSSE 2017 Frequencies and Statistical Comparisons

About This Report

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

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

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

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

NSSE 2017 Frequencies and Statistical Comparisons
NSSEville State University

Seniors ← 1

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a				Statistical Comparisons ^b <i>Your seniors compared with</i>											
				NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017	NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017								
				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 2 3 4	Never Sometimes Often Very often	3 153 212 280	0 20 33 46	244 4,397 5,947 5,440	2 27 37 34	54 845 1,086 889	2 29 38 31	6,952 75,222 81,724 66,983	3 33 35 29	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 2 3 4	Never Sometimes Often Very often	82 267 164 113	13 42 26 19	2,369 5,959 4,548 3,072	14 34 20 20	401 979 1,119 611	14 34 21 21	35,490 79,495 77,348 47,208	16 34 29 21	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information	QRevaluate	1 2 3 4	Never Sometimes Often Very often	25 56 384 150	4 9 63 24	778 1,666 9,147 4,267	5 11 57 27	134 262 1,586 851	5 10 57 29	12,543 28,134 128,802 58,873	6 13 56 26	3.1	3.1	.02	3.1	-.04	3.0	.06	
			Total	630 16,028 2,874 230,881	100 100 100 100														

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

8. **Key to symbols:**

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

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

NSSE 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
				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	11	4	173	4	301	4	998	3	2.7	2.8	-.05	2.8	-.02	2.8	-.12	
		2	Sometimes	98	38	1,717	37	3,356	39	12,671	36								
		3	Often	92	38	1,692	37	3,053	36	12,955	37								
		4	Very often	52	20	1,032	23	1,755	21	8,853	25								
		Total		253	100	4,614	100	8,465	100	35,477	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	37	15	735	17	1,320	16	5,824	17	2.6	2.5	.08	2.5	.09	2.5	.08	
		2	Sometimes	79	32	1,600	35	3,103	37	12,713	36								
		3	Often	92	35	1,403	30	2,596	30	10,446	30								
		4	Very often	42	18	838	18	1,387	16	6,233	18								
		Total		250	100	4,576	100	8,406	100	35,216	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	9	4	234	5	396	5	1,540	4	3.0	3.0	-.02	3.0	-.05	3.1 *	-0.13	
		2	Often	40	17	628	14	1,120	14	3,993	12								
		3	Sometimes	144	58	2,609	57	4,792	57	19,754	56								
		4	Never	58	22	1,101	24	2,095	25	9,913	28								
		Total		251	100	4,572	100	8,403	100	35,200	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	116	50	1,674	38	3,014	37	11,596	35	1.7	1.9 ***	-0.25	1.9 ***	-0.26	2.0 ***	-0.33	
		2	Sometimes	95	35	1,883	40	3,510	41	13,958	39								
		3	Often	30	12	666	14	1,286	15	6,203	17								
		4	Very often	11	3	343	8	588	7	3,360	9								
		Total		252	100	4,566	100	8,398	100	35,117	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	20	9	373	9	576	8	2,651	8	2.6	2.6	.02	2.6	-.01	2.6	-.03	
		2	Sometimes	103	39	1,745	39	3,155	39	12,920	37								
		3	Often	81	36	1,698	36	3,251	38	13,218	37								
		4	Very often	47	17	732	16	1,393	16	6,277	17								
		Total		251	100	4,548	100	8,375	100	35,066	100								
f. Explained course material to one or more students	CLexplain	1	Never	11	4	171	4	288	4	1,475	5	2.7	2.7	.03	2.7	.05	2.7	.04	
		2	Sometimes	83	33	1,692	37	3,150	38	12,805	37								
		3	Often	114	47	1,875	41	3,516	41	14,413	41								
		4	Very often	44	16	793	18	1,402	17	6,285	18								
		Total		252	100	4,531	100	8,356	100	34,978	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 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	46	18	755	18	1,209	16	4,608	14	2.5	2.4	.04	2.5	.01	2.6	-.08
		2	Sometimes	76	31	1,704	37	3,129	38	12,245	35							
		3	Often	91	37	1,379	30	2,683	31	11,498	33							
		4	Very often	38	14	690	15	1,324	15	6,499	18							
		Total		251	100	4,528	100	8,345	100	34,850	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	14	5	300	7	456	6	2,159	7	2.7	2.6	.03	2.6	.03	2.7	-.02
		2	Sometimes	109	43	1,764	39	3,252	40	12,990	38							
		3	Often	84	35	1,754	38	3,329	39	13,353	38							
		4	Very often	43	18	698	16	1,285	15	6,224	18							
		Total		250	100	4,516	100	8,322	100	34,726	100							
i. Given a course presentation	present	1	Never	28	12	788	18	1,516	18	5,381	16	2.4	2.3	.09	2.3	.12	2.4	.04
		2	Sometimes	108	43	1,970	43	3,756	45	15,063	43							
		3	Often	92	36	1,240	27	2,211	27	10,055	29							
		4	Very often	22	9	517	12	838	11	4,209	12							
		Total		250	100	4,515	100	8,321	100	34,708	100							
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	27	12	315	8	537	7	2,825	9	2.5	2.6	-.12	2.6	-.12	2.6	-.08
		2	Sometimes	92	39	1,741	40	3,278	41	13,606	40							
		3	Often	95	37	1,680	38	3,222	39	12,934	37							
		4	Very often	30	12	675	15	1,137	14	4,875	14							
		Total		244	100	4,411	100	8,174	100	34,240	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	21	9	402	10	717	9	3,249	10	2.5	2.5	-.04	2.5	-.02	2.6	-.05
		2	Sometimes	100	42	1,763	40	3,366	41	13,390	39							
		3	Often	94	39	1,585	35	2,964	36	12,266	36							
		4	Very often	28	11	644	15	1,091	13	5,166	15							
		Total		243	100	4,394	100	8,138	100	34,071	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	26	13	520	12	921	12	3,475	11	2.4	2.5 *	-.14	2.5	-.11	2.6 **	-.18
		2	Sometimes	109	44	1,691	38	3,298	40	13,120	39							
		3	Often	81	31	1,519	34	2,790	34	11,806	34							
		4	Very often	28	11	656	15	1,101	13	5,503	16							
		Total		244	100	4,386	100	8,110	100	33,904	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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	13	5	244	6	405	5	1,668	5	2.7	2.7	-.08	2.7	-.05	2.8	-.11
		2	Sometimes	86	36	1,495	34	2,892	35	11,082	32							
		3	Often	112	47	1,863	43	3,560	44	15,079	45							
		4	Very often	32	12	756	18	1,207	16	5,890	18							
		Total		243	100	4,358	100	8,064	100	33,719	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	6	2	161	4	266	4	992	3	2.8	2.9	-.07	2.9	-.05	2.9	-.08
		2	Sometimes	70	31	1,198	28	2,322	28	9,434	28							
		3	Often	123	49	1,950	45	3,724	46	15,281	45							
		4	Very often	43	18	1,015	24	1,704	22	7,839	23							
		Total		242	100	4,324	100	8,016	100	33,546	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	5	3	164	4	253	4	917	3	2.7	2.8 *	-0.13	2.8	-.11	2.8 *	-0.15
		2	Sometimes	80	34	1,316	31	2,491	32	10,116	31							
		3	Often	126	53	1,912	44	3,699	46	15,320	45							
		4	Very often	27	11	902	21	1,519	19	6,951	21							
		Total		238	100	4,294	100	7,962	100	33,304	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	2	45	1	80	1	448	2	3.0	3.0 *	-0.13	3.0	-.09	3.0	-.07
		2	Sometimes	45	19	894	21	1,688	22	7,110	22							
		3	Often	141	61	2,118	49	4,081	51	16,876	50							
		4	Very often	48	18	1,207	28	2,057	26	8,685	26							
		Total		238	100	4,264	100	7,906	100	33,119	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	43	20	819	20	1,454	19	6,315	20	2.3	2.3	.01	2.3	.02	2.3	.01
		2	Sometimes	94	39	1,818	43	3,586	45	14,498	44							
		3	Often	76	32	1,092	25	1,944	24	8,088	24							
		4	Very often	24	9	535	12	934	12	4,221	13							
		Total		237	100	4,264	100	7,918	100	33,122	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	128	52	2,212	52	4,023	51	15,026	46	1.7	1.7	-.01	1.7	.00	1.8	-.11
		2	Sometimes	64	28	1,240	30	2,446	31	10,801	32							
		3	Often	32	14	531	12	1,003	13	4,938	15							
		4	Very often	13	6	262	6	417	6	2,260	7							
		Total		237	100	4,245	100	7,889	100	33,025	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 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Your first-year students compared with		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Effect size ^e	Effect size ^e	Effect size ^e
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	74	29	1,393	33	2,522	32	9,969	30	2.0	2.0	.00	2.0	.01	2.0	-.07
		2	Sometimes	110	48	1,855	44	3,581	46	14,220	43							
		3	Often	40	19	736	17	1,341	17	6,312	19							
		4	Very often	10	3	255	6	421	5	2,387	7							
		Total		234	100	4,239	100	7,865	100	32,888	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	55	23	1,102	26	2,136	27	7,378	22	2.2	2.1	.08	2.1	.12	2.2	-.04
		2	Sometimes	111	45	1,966	46	3,767	48	15,264	46							
		3	Often	55	26	857	20	1,457	19	7,415	23							
		4	Very often	15	6	303	7	492	6	2,795	9							
		Total		236	100	4,228	100	7,852	100	32,852	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	7	3	117	3	202	3	1,133	4	3.0	3.0	.06	2.9	.09	2.9 *	.13
		2	Some	42	19	1,003	24	1,924	25	8,328	26							
		3	Quite a bit	119	53	1,946	47	3,720	47	15,248	46							
		4	Very much	66	26	1,162	27	2,005	25	8,120	24							
		Total		234	100	4,228	100	7,851	100	32,829	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	8	3	151	4	232	3	1,211	4	2.9	2.9	.06	2.9	.06	2.9	.09
		2	Some	51	23	1,098	26	2,001	26	8,729	27							
		3	Quite a bit	115	52	1,983	47	3,836	49	15,416	47							
		4	Very much	58	23	983	23	1,761	22	7,341	22							
		Total		232	100	4,215	100	7,830	100	32,697	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	8	3	167	4	285	4	1,220	4	2.9	2.9	.01	2.9	.03	2.9	.00
		2	Some	65	28	1,216	29	2,278	29	9,000	28							
		3	Quite a bit	108	46	1,820	43	3,522	45	14,714	45							
		4	Very much	52	22	992	24	1,711	22	7,606	23							
		Total		233	100	4,195	100	7,796	100	32,540	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	11	4	172	4	331	4	1,252	4	2.9	2.9	.00	2.8	.05	2.9	-.01
		2	Some	62	25	1,192	29	2,307	30	8,980	28							
		3	Quite a bit	111	51	1,887	45	3,578	46	14,971	46							
		4	Very much	49	20	935	22	1,567	20	7,294	22							
		Total		233	100	4,186	100	7,783	100	32,497	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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Effect size ^e
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	13	5	213	5	375	5	1,301	4	2.8	2.8	.00	2.8	.02	2.9	-.05	
		2	Some	62	28	1,221	30	2,338	30	9,113	28								
		3	Quite a bit	106	47	1,827	44	3,483	45	14,833	45								
		4	Very much	49	20	913	22	1,570	20	7,195	22								
		Total		230	100	4,174	100	7,766	100	32,442	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	2	1	95	2	142	2	677	2	3.1	3.0	.06	3.0	.04	3.0	.03	
		2	Some	42	19	862	20	1,543	20	6,699	21								
		3	Quite a bit	119	53	2,073	49	3,984	51	15,183	46								
		4	Very much	64	27	1,162	28	2,112	27	9,843	30								
		Total		227	100	4,192	100	7,781	100	32,402	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	1	135	3	211	3	1,107	4	3.1	3.0 *	.14	3.0 *	.14	3.0 *	.14	
		2	Some	49	21	889	22	1,642	21	7,112	22								
		3	Quite a bit	107	46	2,060	49	3,957	50	15,142	46								
		4	Very much	70	32	1,103	26	1,958	25	8,986	28								
		Total		229	100	4,187	100	7,768	100	32,347	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	7	3	138	3	222	3	1,100	4	3.1	3.0	.10	3.0	.09	3.0	.07	
		2	Some	47	20	968	23	1,773	23	7,241	23								
		3	Quite a bit	104	45	1,892	45	3,616	46	14,065	43								
		4	Very much	70	32	1,183	28	2,150	28	9,885	30								
		Total		228	100	4,181	100	7,761	100	32,291	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	14	5	308	8	577	7	2,196	7	2.9	2.8 *	.15	2.8 **	.18	2.8	.09	
		2	Some	56	25	1,254	30	2,471	31	9,180	28								
		3	Quite a bit	93	42	1,579	37	3,005	39	12,431	38								
		4	Very much	66	28	1,032	25	1,701	22	8,482	26								
		Total		229	100	4,173	100	7,754	100	32,289	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	13	5	373	9	696	9	2,648	8	2.8	2.7 *	.14	2.6 *	.16	2.7	.06	
		2	Some	72	31	1,468	35	2,772	36	10,223	32								
		3	Quite a bit	102	45	1,541	37	2,973	39	12,583	39								
		4	Very much	41	19	783	19	1,292	17	6,746	21								
		Total		228	100	4,165	100	7,733	100	32,200	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 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional		Crngie Size/Setting		
				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	35	13	511	12	919	11	3,844	11	2.5	2.5	.01	2.5	.02	2.5	.00
		2	Sometimes	78	33	1,626	38	3,058	38	12,248	37							
		3	Often	87	41	1,479	36	2,783	37	11,743	37							
		4	Very often	26	13	565	14	982	13	4,373	14							
		Total		226	100	4,181	100	7,742	100	32,208	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	56	22	932	22	1,655	21	7,009	21	2.3	2.2	.03	2.2	.02	2.3	-.01
		2	Sometimes	88	37	1,796	43	3,379	43	13,286	41							
		3	Often	67	34	1,074	26	2,055	27	8,803	28							
		4	Very often	15	7	370	9	650	9	3,096	10							
		Total		226	100	4,172	100	7,739	100	32,194	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	53	22	901	21	1,547	20	6,554	20	2.2	2.2	-.03	2.2	-.05	2.3	-.08
		2	Sometimes	97	41	1,863	44	3,526	45	13,933	43							
		3	Often	65	32	1,101	27	2,129	28	9,043	29							
		4	Very often	12	5	315	8	550	8	2,681	9							
		Total		227	100	4,180	100	7,752	100	32,211	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	11	6	107	3	280	4	1,720	6	5.6	7.0 ***	-0.25	6.8 ***	-0.20	6.4 *	-0.15
		1.5	1-2	45	24	644	17	1,397	19	6,083	20							
		4	3-5	64	32	1,320	34	2,391	33	9,585	32							
		8	6-10	53	25	974	26	1,716	24	6,746	23							
		13	11-15	19	10	391	10	706	10	2,754	9							
		18	16-20	4	2	170	4	304	4	1,231	4							
		23	More than 20	3	2	183	5	322	5	1,299	4							
		Total		199	100	3,789	100	7,116	100	29,418	100							
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	74	39	992	27	2,244	31	10,933	38	1.9	2.3 *	-0.15	2.1	-0.08	2.1	-0.08
		1.5	1-2	83	41	1,626	43	3,051	43	11,139	37							
		4	3-5	28	14	841	22	1,293	18	4,634	16							
		8	6-10	9	5	219	6	340	5	1,721	6							
		13	11-15	0	0	56	2	88	1	416	2							
		18	16-20	2	1	16	0	30	0	114	0							
		23	More than 20	1	0	9	0	19	0	140	1							
Total		197	100	3,759	100	7,065	100	29,097	100									

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NSSE 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers		State and Regional		Crngie Size/Setting	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. 11 pages or more	wrlongnum	0	None	164	84	2,792	75	5,489	77	22,924	78	.5	.7	-.08	.7	-.06	.8 *	-.11
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	23	10	712	19	1,167	17	4,295	15							
	4	3-5	8	6	128	4	203	3	803	3								
	8	6-10	0	0	49	1	87	1	508	2								
	13	11-15	1	1	18	0	43	1	266	1								
	18	16-20	0	0	6	0	10	0	95	0								
	23	More than 20	1	0	7	0	17	0	133	1								
Total				197	100	3,712	100	7,016	100	29,024	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.)									39.7	49.3 *	-.18	46.3	-.12	47.8 *	-.12
8. During the current school year, about how often have you had discussions with people from the following groups?																		
a. People of a race or ethnicity other than your own	DDrace	1	Never	13	7	149	4	364	5	1,499	6	2.7	3.0 ***	-.30	2.9 *	-.14	3.0 ***	-.27
		2	Sometimes	71	34	1,041	27	2,414	33	7,720	26							
		3	Often	70	38	1,271	34	2,319	33	9,590	33							
		4	Very often	44	21	1,321	35	2,008	29	10,447	35							
		Total		198	100	3,782	100	7,105	100	29,256	100							
b. People from an economic background other than your own	DDeconomic	1	Never	6	3	133	4	271	4	1,286	5	2.9	3.0 **	-.19	2.9	-.08	3.0 *	-.14
		2	Sometimes	57	29	905	24	1,987	28	7,160	25							
		3	Often	89	45	1,487	39	2,862	40	10,983	37							
		4	Very often	45	22	1,251	33	1,967	28	9,745	33							
		Total		197	100	3,776	100	7,087	100	29,174	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	9	5	181	5	360	5	1,898	7	2.9	3.0	-.14	2.9	-.06	2.9	-.04
		2	Sometimes	47	26	950	25	1,989	28	7,921	28							
		3	Often	94	46	1,357	36	2,622	37	9,734	33							
		4	Very often	47	23	1,282	34	2,117	30	9,617	32							
		Total		197	100	3,770	100	7,088	100	29,170	100							
d. People with political views other than your own	DDpolitical	1	Never	3	2	170	5	279	4	1,699	6	3.1	3.0	.08	3.0	.10	2.9 *	.15
		2	Sometimes	45	23	932	25	1,844	26	7,840	27							
		3	Often	84	42	1,386	37	2,681	37	9,885	33							
		4	Very often	65	33	1,281	34	2,280	32	9,739	33							
		Total		197	100	3,769	100	7,084	100	29,163	100							

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NSSE 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	4	1	58	2	94	2	483	2	3.0	3.0	.04	3.0	.07	3.0	.04
		2	Sometimes	37	19	822	23	1,568	23	6,356	22							
		3	Often	99	53	1,806	48	3,540	50	14,154	49							
		4	Very often	57	26	1,055	27	1,838	25	7,986	27							
		Total		197	100	3,741	100	7,040	100	28,979	100							
b. Reviewed your notes after class	LSnotes	1	Never	17	10	164	5	361	5	1,317	5	2.8	2.9 *	-0.17	2.9	-0.09	2.9	-0.14
		2	Sometimes	57	28	1,034	29	2,132	31	8,476	30							
		3	Often	69	37	1,313	35	2,529	36	10,469	36							
		4	Very often	54	25	1,228	32	2,016	28	8,721	29							
		Total		197	100	3,739	100	7,038	100	28,983	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	16	9	225	6	473	7	1,681	6	2.8	2.8	-0.02	2.7	.05	2.8	-0.03
		2	Sometimes	56	28	1,180	32	2,332	34	8,967	31							
		3	Often	76	40	1,388	38	2,722	39	11,425	40							
		4	Very often	48	23	927	24	1,475	20	6,765	23							
		Total		196	100	3,720	100	7,002	100	28,838	100							
10. During the current school year, to what extent have your courses challenged you to do your best work?																		
challenge		1	Not at all	0	0	10	0	24	0	209	1	5.4	5.4	-0.04	5.4	-0.02	5.4	-0.02
		2		2	1	34	1	71	1	349	1							
		3		5	4	142	4	247	4	1,189	4							
		4		30	17	411	12	775	12	3,409	12							
		5		65	34	1,284	35	2,515	36	9,787	34							
		6		50	23	1,132	29	2,087	29	7,568	26							
		7	Very much	44	21	713	19	1,293	18	6,332	22							
		Total		196	100	3,726	100	7,012	100	28,843	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		21	11	416	12	806	12	3,215	12	4%	7%	-0.13	6%	-0.10	7%	-0.14
		Do not plan to do		14	7	149	4	278	4	1,229	5							
		Plan to do		151	78	2,920	77	5,523	78	22,350	76							
		Done or in progress		8	4	233	7	398	6	1,974	7							
		Total		194	100	3,718	100	7,005	100	28,768	100							

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Northern Michigan University

First-Year Students

Frequency Distributions^a

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Item wording or description	Variable name ^c	Values ^d	Response options	NMU		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting			
				Count	%	Count	%	Count	%	Count	%					Mean	Mean	Mean
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	58	31	1,067	29	2,088	30	7,851	27	9%	10%	-.04	10%	-.03	11%	-.07
			Do not plan to do	67	36	901	25	1,674	25	6,237	23							
			Plan to do	49	24	1,373	36	2,553	35	11,352	39							
			Done or in progress	19	9	363	10	668	10	3,232	11							
			Total	193	100	3,704	100	6,983	100	28,672	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	65	34	1,293	35	2,415	35	9,379	32	10%	10%	.00	10%	.00	13%	-.08
			Do not plan to do	59	33	1,071	29	2,129	30	7,098	25							
			Plan to do	47	23	954	26	1,733	25	8,479	30							
			Done or in progress	23	10	363	10	667	10	3,603	13							
			Total	194	100	3,681	100	6,944	100	28,559	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	57	31	1,108	30	2,078	30	8,159	29	1%	3%	-.15	2%	-.14	3%	-.17
			Do not plan to do	66	38	994	29	1,846	28	7,547	27							
			Plan to do	69	30	1,488	39	2,864	39	12,094	41							
			Done or in progress	2	1	96	3	169	2	823	3							
			Total	194	100	3,686	100	6,957	100	28,623	100							
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	60	32	1,406	38	2,753	40	11,058	38	5%	4%	.03	4%	.05	4%	.01
			Do not plan to do	59	29	952	26	1,820	26	6,771	24							
			Plan to do	65	35	1,175	32	2,130	31	9,475	34							
			Done or in progress	10	5	144	4	245	4	1,250	4							
			Total	194	100	3,677	100	6,948	100	28,554	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	62	32	1,190	32	2,563	36	9,401	33	0%	2%	-.26	1%	-.24	2% *	-.29
			Do not plan to do	32	17	428	12	790	12	2,807	10							
			Plan to do	98	51	1,997	54	3,497	51	15,752	54							
			Done or in progress	0	0	58	2	92	1	565	2							
			Total	192	100	3,673	100	6,942	100	28,525	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse		1 None	109	53	1,912	53	3,588	52	12,759	44	1.6	1.6	.04	1.6	.03	1.7	-.12
			2 Some	66	35	1,481	40	2,823	41	12,943	45							
			3 Most	15	10	234	6	444	6	2,318	8							
			4 All	2	1	39	1	75	1	429	2							
			Total	192	100	3,666	100	6,930	100	28,449	100							

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NSSE 2017 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b									
				NMU		State Peers		State and Regional		Crngie Size/Setting		Your first-year students compared with									
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
13. Indicate the quality of your interactions with the following people at your institution.																					
a. Students				QIstudent																	
				1 Poor		2		55		84		481		5.4							
				2		3		79		131		607									
				3		7		189		347		1,579									
				4		25		476		815		3,721									
				5		63		1,017		1,970		7,835									
				6		53		1,025		2,050		7,233									
				7 Excellent		39		819		1,513		6,819									
				— Not applicable		1		17		28		217									
				Total		193		100		3,677		100		6,938		100		28,492		100	
b. Academic advisors				QIadvisor																	
				1 Poor		2		110		201		1,066		5.7							
				2		7		147		307		1,425									
				3		12		276		527		2,403									
				4		19		477		942		4,057									
				5		39		737		1,483		5,856									
				6		40		770		1,537		5,839									
				7 Excellent		74		954		1,700		7,401									
				— Not applicable		0		202		240		417									
				Total		193		100		3,673		100		6,937		100		28,464		100	
c. Faculty				QIfaculty																	
				1 Poor		2		62		86		532		5.4							
				2		3		91		160		819									
				3		6		222		404		1,775									
				4		36		540		1,025		4,051									
				5		48		1,029		2,047		7,472									
				6		64		1,019		1,950		7,556									
				7 Excellent		32		663		1,189		5,978									
				— Not applicable		1		34		47		219									
				Total		192		100		3,660		100		6,908		100		28,402		100	

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				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	3	2	132	4	209	3	1,120	4	5.1	5.0	.05	5.1	.04	5.0	.07	
		2		16	7	154	4	263	4	1,209	4								
		3		6	3	263	7	508	7	2,147	8								
		4		27	14	465	12	919	13	4,109	14								
		5		42	22	808	22	1,639	23	6,282	22								
		6		45	24	791	21	1,610	22	6,086	21								
		7	Excellent	35	19	656	18	1,217	18	5,533	19								
		—	Not applicable	19	10	397	12	555	9	1,906	7								
	Total	193	100	3,666	100	6,920	100	28,392	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	5	3	115	3	196	3	1,259	5	5.3	5.0 *	.17	5.0 *	.17	4.9 **	.21	
		2		8	3	178	5	315	4	1,441	5								
		3		6	3	272	7	512	7	2,306	8								
		4		29	15	573	15	1,094	16	4,367	15								
		5		41	19	821	23	1,597	23	6,340	22								
		6		46	25	726	20	1,473	21	5,874	20								
		7	Excellent	36	20	636	18	1,149	17	5,435	19								
		—	Not applicable	21	12	342	9	591	9	1,431	5								
	Total	192	100	3,663	100	6,927	100	28,453	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	2	2	55	2	96	2	423	2	3.0	3.1 **	-.21	3.1 *	-.17	3.1	-.13	
		2	Some	33	21	533	16	1,043	16	4,793	19								
		3	Quite a bit	100	55	1,682	49	3,365	51	13,168	48								
		4	Very much	45	23	1,203	34	2,127	31	8,780	31								
			Total	180	100	3,473	100	6,631	100	27,164	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	6	4	119	4	204	3	902	4	2.9	3.1 **	-.21	3.0 *	-.17	3.0 *	-.17	
		2	Some	40	24	648	20	1,311	20	5,485	21								
		3	Quite a bit	96	53	1,535	45	3,102	47	11,837	44								
		4	Very much	38	20	1,141	32	1,961	29	8,731	31								
			Total	180	100	3,443	100	6,578	100	26,955	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	12	6	164	5	339	6	1,594	6	2.9	3.1 **	-.22	3.1 *	-.16	3.0	-.12	
		2	Some	35	23	560	17	1,138	18	4,915	19								
		3	Quite a bit	79	42	1,298	38	2,652	40	10,301	38								
		4	Very much	54	29	1,418	40	2,452	37	10,169	37								
			Total	180	100	3,440	100	6,581	100	26,979	100								

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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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	26	14	392	12	770	12	2,707	11	2.5	2.7 ** ▽	-0.21	2.7 * ▽	-0.16	2.7 ** ▽	-0.23
		2	Some	64	35	973	28	1,947	30	7,625	29							
		3	Quite a bit	61	34	1,210	35	2,409	37	9,811	36							
		4	Very much	29	16	859	25	1,445	22	6,803	25							
		Total		180	100	3,434	100	6,571	100	26,946	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	12	7	190	6	303	5	1,351	6	2.8	3.0	-0.15	2.9	-0.13	3.0	-0.14
		2	Some	45	26	768	23	1,489	24	5,970	23							
		3	Quite a bit	79	44	1,367	40	2,858	43	11,317	42							
		4	Very much	43	23	1,097	31	1,904	29	8,265	30							
		Total		179	100	3,422	100	6,554	100	26,903	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	12	6	234	7	376	6	1,581	6	2.8	2.9	-0.10	2.9	-0.12	2.9	-0.13
		2	Some	52	29	802	24	1,488	24	6,166	24							
		3	Quite a bit	75	42	1,340	39	2,809	42	11,120	41							
		4	Very much	41	23	1,035	30	1,867	28	8,000	29							
		Total		180	100	3,411	100	6,540	100	26,867	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	42	22	783	23	1,381	22	5,602	21	2.3	2.3	.00	2.3	-0.01	2.4	-0.08
		2	Some	61	35	1,306	38	2,571	39	9,803	36							
		3	Quite a bit	60	35	877	26	1,823	28	7,649	29							
		4	Very much	16	8	440	13	757	11	3,797	14							
		Total		179	100	3,406	100	6,532	100	26,851	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	13	7	248	8	449	8	2,007	8	2.8	2.8	-0.04	2.8	.00	2.8	-0.06
		2	Some	53	29	901	27	1,817	29	6,875	26							
		3	Quite a bit	72	41	1,386	40	2,741	41	10,849	40							
		4	Very much	42	22	866	25	1,517	23	7,081	26							
		Total		180	100	3,401	100	6,524	100	26,812	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	18	10	491	15	856	14	3,454	13	2.5	2.5	-0.06	2.5	-0.05	2.6	-0.12
		2	Some	79	46	1,206	35	2,388	37	9,061	34							
		3	Quite a bit	61	33	1,114	33	2,274	34	9,254	34							
		4	Very much	23	12	586	17	993	15	5,009	19							
		Total		181	100	3,397	100	6,511	100	26,778	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 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional		Crngie Size/Setting		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	6	0	12	0	97	0	13.9	14.5	-.08	14.7	-.10	14.1	-.02
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	25	14	411	12	674	11	3,433	14							
	8	6-10 hrs	44	25	787	24	1,488	23	6,363	25								
	13	11-15 hrs	40	22	758	22	1,492	23	6,038	23								
	18	16-20 hrs	33	19	688	20	1,399	21	5,100	18								
	23	21-25 hrs	23	12	403	12	783	11	2,947	10								
	28	26-30 hrs	6	4	180	5	366	5	1,390	5								
	33	More than 30 hrs	9	4	173	5	306	5	1,405	5								
	Total			180	100	3,406	100	6,520	100	26,773	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	51	28	1,138	35	1,879	30	7,753	30	6.6	5.2 *	.21	5.3 *	.20	5.9	.09
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	62	34	1,205	34	2,558	37	9,257	33							
	8	6-10 hrs	31	16	486	14	1,034	16	4,477	17								
	13	11-15 hrs	15	10	269	8	494	8	2,421	9								
	18	16-20 hrs	7	3	167	5	287	5	1,472	6								
	23	21-25 hrs	6	4	73	2	136	2	654	2								
	28	26-30 hrs	2	1	28	1	54	1	258	1								
	33	More than 30 hrs	4	3	29	1	60	1	385	2								
	Total			178	100	3,395	100	6,502	100	26,677	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	127	71	2,718	80	5,096	78	21,095	79	3.2	2.5	.14	2.5	.13	2.4 *	.16
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	10	5	77	2	242	4	1,122	4							
	8	6-10 hrs	14	7	211	6	491	7	1,896	7								
	13	11-15 hrs	16	10	221	6	389	6	1,323	5								
	18	16-20 hrs	12	7	101	3	185	3	848	3								
	23	21-25 hrs	0	0	52	2	83	1	249	1								
	28	26-30 hrs	0	0	8	0	10	0	55	0								
	33	More than 30 hrs	0	0	10	0	18	0	127	1								
	Total			179	100	3,398	100	6,514	100	26,715	100							

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NSSE 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers		State and Regional		Crngie Size/Setting	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	134	77	2,276	66	4,554	68	18,398	68	3.4	5.7 *** ▽	-.24	5.1 ** ▽	-.18	5.2 ** ▽	-.20
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	5	148	4	278	4	1,233	5							
		8	6-10 hrs	8	4	178	5	344	5	1,480	6							
		13	11-15 hrs	5	3	205	6	395	6	1,511	6							
		18	16-20 hrs	11	5	222	7	393	6	1,581	6							
		23	21-25 hrs	1	0	164	5	270	4	1,045	4							
		28	26-30 hrs	7	3	100	3	144	3	591	2							
		33	More than 30 hrs	2	1	104	4	133	3	872	4							
	Total			179	100	3,397	100	6,511	100	26,711	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											6.6	8.1	-.14	7.5	-.08	7.6	-.08
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	108	59	1,926	58	3,907	61	15,176	57	1.8	2.3 * ▽	-.12	2.1	-.08	2.5 ** ▽	-.15
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	55	31	1,083	31	1,966	29	8,375	30							
		8	6-10 hrs	13	8	220	7	360	6	1,711	7							
		13	11-15 hrs	2	2	75	2	115	2	715	3							
		18	16-20 hrs	0	0	50	2	85	1	375	2							
		23	21-25 hrs	0	0	19	1	35	1	172	1							
		28	26-30 hrs	0	0	3	0	9	0	51	0							
		33	More than 30 hrs	0	0	9	0	19	0	105	0							
	Total			178	100	3,385	100	6,496	100	26,680	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	51	2	73	1	506	2	13.7	13.1	.07	13.3	.05	12.4	.14
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	28	16	623	18	1,088	17	5,496	21							
		8	6-10 hrs	55	30	935	27	1,783	27	7,339	27							
		13	11-15 hrs	34	18	737	22	1,445	22	5,547	20							
		18	16-20 hrs	29	17	489	14	989	15	3,613	14							
		23	21-25 hrs	11	6	219	7	470	7	1,714	6							
		28	26-30 hrs	5	2	111	3	221	3	742	3							
		33	More than 30 hrs	17	10	219	7	424	7	1,717	7							
	Total			179	100	3,384	100	6,493	100	26,674	100							

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NSSE 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	156	86	2,727	80	5,478	83	21,229	78	1.5	1.7	-.05	1.5	-.01	2.3 *	-12
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	10	5	362	11	552	9	2,497	10							
	8	6-10 hrs	6	4	111	4	173	3	1,068	4								
	13	11-15 hrs	3	3	71	2	106	2	663	3								
	18	16-20 hrs	1	1	49	2	83	1	388	2								
	23	21-25 hrs	0	0	18	1	31	0	204	1								
	28	26-30 hrs	0	0	2	0	5	0	68	0								
	33	More than 30 hrs	3	1	39	1	60	1	492	2								
	Total			179	100	3,379	100	6,488	100	26,609	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	81	44	1,320	37	3,054	45	12,596	46	3.3	3.8	-.10	3.3	.01	3.7	-.07
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	71	39	1,375	40	2,426	37	8,893	33							
	8	6-10 hrs	17	9	442	14	635	11	2,804	11								
	13	11-15 hrs	5	5	144	5	207	4	1,118	5								
	18	16-20 hrs	1	0	50	2	88	1	554	2								
	23	21-25 hrs	2	2	25	1	43	1	243	1								
	28	26-30 hrs	1	0	6	0	11	0	106	0								
	33	More than 30 hrs	1	1	32	1	47	1	380	2								
	Total			179	100	3,394	100	6,511	100	26,694	100							
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	1	Very little	25	13	504	15	801	13	3,224	12	2.8	2.6 *	.16	2.7	.10	2.7	.05	
	2	Some	54	31	1,227	37	2,280	36	8,966	34								
	3	About half	56	30	902	26	1,828	28	7,793	30								
	4	Most	32	19	570	16	1,222	18	4,987	18								
	5	Almost all	12	7	192	6	377	6	1,683	6								
		Total			179	100	3,395	100	6,508	100								26,653
tmreadinghrs											6.6	6.1	.10	6.4	.05	6.4	.04	
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																		

*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 2017 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		State Peers		State and Regional		Crngie Size/Setting		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
				Count	%	Count	%	Count	%	Count	%							
	tmreadinghrscol	1	0 hrs	0	0	6	0	12	0	92	0							
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	95	54	1,816	55	3,257	52	13,630	52							
		3	More than 5, up to 10 hrs	48	25	966	28	1,959	30	7,822	29							
		4	More than 10, up to 15 hrs	19	11	321	9	677	10	2,549	9							
		5	More than 15, up to 20 hrs	10	6	155	4	342	5	1,355	5							
		6	More than 20, up to 25 hrs	6	4	95	3	187	3	792	3							
		7	More than 25 hrs	1	0	25	1	50	1	323	1							
		Total			179	100	3,384	100	6,484	100	26,563	100						

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

a. Writing clearly and effectively	pgwrite	1	Very little	10	5	236	7	448	7	1,795	7	2.7	2.8	-.05	2.7	-.03	2.8	-.10
		2	Some	56	35	997	29	1,993	30	7,327	27							
		3	Quite a bit	76	43	1,461	43	2,863	44	11,789	44							
		4	Very much	36	17	684	21	1,175	19	5,625	21							
		Total		178	100	3,378	100	6,479	100	26,536	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	26	17	387	11	728	11	2,628	10	2.5	2.6 *	-0.15	2.6	-0.15	2.7 ***	-0.25
		2	Some	58	33	1,184	34	2,224	34	8,154	31							
		3	Quite a bit	66	36	1,213	37	2,503	39	10,565	40							
		4	Very much	28	14	578	18	1,015	16	5,196	20							
		Total		178	100	3,362	100	6,470	100	26,543	100							
c. Thinking critically and analytically	pgthink	1	Very little	8	7	113	4	202	3	832	3	2.9	3.0	-0.11	3.0	-0.11	3.0 *	-0.17
		2	Some	40	24	763	23	1,408	22	5,289	20							
		3	Quite a bit	80	42	1,505	44	3,039	46	12,023	45							
		4	Very much	50	28	990	30	1,824	29	8,393	32							
		Total		178	100	3,371	100	6,473	100	26,537	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	33	16	523	15	904	14	3,714	13	2.5	2.5	-0.01	2.5	-0.04	2.6	-0.10
		2	Some	57	34	1,173	35	2,252	34	8,575	32							
		3	Quite a bit	59	32	1,126	34	2,294	36	9,380	36							
		4	Very much	29	18	547	17	1,027	16	4,879	19							
		Total		178	100	3,369	100	6,477	100	26,548	100							

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NSSE 2017 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b						
				NMU		State Peers		State and Regional		Crngie Size/Setting		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		Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	27	15	527	16	952	15	3,413	13	2.5	2.5	.04	2.5	.04	2.6	-.08
		2	Some	57	34	1,204	36	2,381	36	8,722	33							
		3	Quite a bit	65	35	1,069	31	2,144	33	9,272	35							
		4	Very much	28	16	574	17	998	16	5,119	19							
		Total		177	100	3,374	100	6,475	100	26,526	100							
f. Working effectively with others	pgothers	1	Very little	10	6	216	7	386	6	1,611	6	2.7	2.8	-.07	2.8	-.07	2.8	-.13
		2	Some	55	33	985	30	1,885	29	7,158	27							
		3	Quite a bit	81	43	1,384	41	2,829	43	11,272	42							
		4	Very much	32	18	787	23	1,372	21	6,470	24							
		Total		178	100	3,372	100	6,472	100	26,511	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	23	14	433	13	800	13	2,753	11	2.5	2.6	-.06	2.6	-.06	2.7 **	-.21
		2	Some	56	32	1,162	35	2,217	34	7,755	29							
		3	Quite a bit	76	41	1,141	33	2,359	36	10,324	38							
		4	Very much	23	12	630	18	1,095	17	5,675	22							
		Total		178	100	3,366	100	6,471	100	26,507	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	21	12	379	11	673	11	2,425	10	2.6	2.7	-.13	2.7	-.11	2.8 **	-.24
		2	Some	59	34	1,052	31	2,085	32	7,280	27							
		3	Quite a bit	68	39	1,156	34	2,389	36	9,992	38							
		4	Very much	29	15	782	24	1,320	21	6,791	25							
		Total		177	100	3,369	100	6,467	100	26,488	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	25	16	450	13	788	13	3,038	12	2.5	2.5	-.03	2.5	-.03	2.6	-.13
		2	Some	61	33	1,239	37	2,442	37	8,881	33							
		3	Quite a bit	63	34	1,111	33	2,247	35	9,547	36							
		4	Very much	28	16	559	17	978	16	5,016	19							
		Total		177	100	3,359	100	6,455	100	26,482	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	24	14	476	14	814	13	2,939	11	2.5	2.6	-.07	2.6	-.08	2.7 *	-.19
		2	Some	66	39	1,166	34	2,294	35	8,447	32							
		3	Quite a bit	59	32	1,108	33	2,269	35	9,672	36							
		4	Very much	28	15	608	18	1,075	17	5,352	20							
		Total		177	100	3,358	100	6,452	100	26,410	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 2017 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
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	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	2	1	57	2	104	2	536	2	3.1	3.2 *	-0.16	3.2 *	-0.16	3.2	-0.12	
		2	Fair	28	19	406	13	733	12	3,434	14								
		3	Good	92	52	1,737	52	3,467	53	13,397	50								
		4	Excellent	55	28	1,174	34	2,172	33	9,113	34								
			Total	177	100	3,374	100	6,476	100	26,480	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	6	3	109	3	208	3	1,113	5	3.2	3.2	-0.07	3.2	-0.06	3.2	.01	
		2	Probably no	24	14	408	13	772	12	3,551	14								
		3	Probably yes	79	47	1,421	42	2,842	44	11,226	42								
		4	Definitely yes	67	37	1,441	42	2,657	41	10,639	39								
			Total	176	100	3,379	100	6,479	100	26,529	100								

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NSSE 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
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	12	3	142	2	211	2	750	2	3.1	3.1	.00	3.1	.02	3.2	-.04
		2	Sometimes	124	23	1,735	24	2,836	25	9,135	22							
		3	Often	157	31	2,288	32	3,708	32	12,925	32							
		4	Very often	211	43	2,976	42	4,556	41	17,248	43							
		Total		504	100	7,141	100	11,311	100	40,058	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	120	24	1,622	23	2,511	23	8,393	21	2.3	2.4	-.04	2.4	-.03	2.4	-.08
		2	Sometimes	164	34	2,516	35	4,142	36	14,367	36							
		3	Often	140	27	1,692	24	2,738	24	10,040	25							
		4	Very often	76	15	1,259	18	1,845	17	7,004	18							
		Total		500	100	7,089	100	11,236	100	39,804	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	42	8	468	7	727	7	2,182	6	2.8	3.0 ***	-.17	3.0 ***	-.17	3.0 ***	-.26
		2	Often	95	19	1,059	15	1,696	15	5,274	13							
		3	Sometimes	270	54	3,860	54	6,204	55	21,794	54							
		4	Never	93	19	1,682	24	2,595	24	10,534	27							
		Total		500	100	7,069	100	11,222	100	39,784	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	196	41	3,369	48	5,129	47	16,570	43	1.9	1.7 **	.14	1.8 *	.11	1.9	.00
		2	Sometimes	203	39	2,513	35	4,115	36	14,712	37							
		3	Often	66	13	706	10	1,200	10	5,101	13							
		4	Very often	35	7	462	6	750	7	3,311	8							
		Total		500	100	7,050	100	11,194	100	39,694	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	46	10	813	12	1,128	11	4,305	12	2.5	2.5 *	.09	2.5	.06	2.5	.05
		2	Sometimes	209	43	3,084	44	4,748	43	16,537	42							
		3	Often	163	31	2,106	29	3,602	31	12,389	30							
		4	Very often	82	16	1,041	14	1,711	15	6,420	16							
		Total		500	100	7,044	100	11,189	100	39,651	100							
f. Explained course material to one or more students	CLexplain	1	Never	19	4	241	4	355	4	1,687	5	2.9	2.8	.08	2.8	.08	2.8	.07
		2	Sometimes	150	31	2,421	35	3,751	34	12,911	33							
		3	Often	207	40	2,758	39	4,562	40	15,848	39							
		4	Very often	125	25	1,609	23	2,500	22	9,162	23							
		Total		501	100	7,029	100	11,168	100	39,608	100							

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Seniors

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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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	81	18	1,263	19	1,819	18	6,074	16	2.5	2.5	-01	2.5	-01	2.5	-09
		2	Sometimes	183	37	2,487	35	4,031	36	13,443	34							
		3	Often	138	28	1,921	27	3,215	28	11,971	30							
		4	Very often	98	18	1,334	19	2,074	18	8,010	20							
		Total		500	100	7,005	100	11,139	100	39,498	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	25	6	323	5	456	4	2,022	6	2.8	3.0 **	-12	2.9 **	-12	2.9	-05
		2	Sometimes	139	29	1,847	27	2,870	27	10,922	28							
		3	Often	204	39	2,607	37	4,290	38	15,021	37							
		4	Very often	130	25	2,213	32	3,496	31	11,423	29							
		Total		498	100	6,990	100	11,112	100	39,388	100							
i. Given a course presentation	present	1	Never	25	6	623	9	877	9	3,164	9	2.9	2.8	.08	2.8	.07	2.8	.05
		2	Sometimes	159	31	2,037	30	3,208	30	11,317	29							
		3	Often	172	35	2,410	34	3,915	35	13,673	34							
		4	Very often	142	29	1,924	27	3,118	27	11,222	28							
		Total		498	100	6,994	100	11,118	100	39,376	100							
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	11	2	185	3	243	2	1,180	3	3.1	3.0	.08	3.0	.07	3.0 *	.11
		2	Sometimes	111	24	1,758	26	2,710	25	10,118	26							
		3	Often	208	41	2,841	41	4,693	42	16,286	41							
		4	Very often	165	34	2,111	30	3,342	30	11,468	29							
		Total		495	100	6,895	100	10,988	100	39,052	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	23	6	467	8	662	7	2,366	6	2.9	2.8	.08	2.8	.07	2.8	.05
		2	Sometimes	141	29	2,118	31	3,398	32	12,063	31							
		3	Often	193	38	2,503	36	4,118	37	14,371	36							
		4	Very often	135	27	1,764	25	2,759	25	10,123	26							
		Total		492	100	6,852	100	10,937	100	38,923	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	53	12	880	14	1,283	13	4,013	11	2.5	2.6	-05	2.6	-06	2.7 **	-12
		2	Sometimes	188	41	2,329	34	3,817	35	13,433	35							
		3	Often	144	27	2,080	30	3,383	31	12,527	32							
		4	Very often	103	20	1,541	22	2,421	21	8,832	23							
		Total		488	100	6,830	100	10,904	100	38,805	100							

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Statistical Comparisons^b

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				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	16	3	315	5	495	5	1,611	4	2.9	2.8	.06	2.8	.07	2.8	.03
		2	Sometimes	136	27	2,039	30	3,303	30	11,514	30							
		3	Often	232	48	2,913	43	4,732	44	16,713	43							
		4	Very often	105	21	1,532	22	2,334	22	8,835	23							
		Total		489	100	6,799	100	10,864	100	38,673	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	11	3	205	3	293	3	1,012	3	3.0	3.0	.03	2.9	.04	3.0	.01
		2	Sometimes	121	25	1,737	26	2,811	26	9,627	25							
		3	Often	209	44	2,898	43	4,749	44	17,156	44							
		4	Very often	145	29	1,923	28	2,958	27	10,704	28							
		Total		486	100	6,763	100	10,811	100	38,499	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	9	2	131	2	199	2	644	2	3.0	2.9	.07	2.9	.07	3.0	.04
		2	Sometimes	121	24	1,912	29	3,002	29	10,320	27							
		3	Often	227	46	2,931	43	4,836	45	17,281	45							
		4	Very often	129	27	1,767	26	2,732	25	10,088	26							
		Total		486	100	6,741	100	10,769	100	38,333	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	3	1	64	1	78	1	301	1	3.2	3.2	.03	3.2	.02	3.2	.03
		2	Sometimes	60	13	1,068	16	1,655	16	5,831	16							
		3	Often	245	50	3,076	46	4,997	46	18,112	47							
		4	Very often	178	36	2,504	37	3,998	37	13,910	36							
		Total		486	100	6,712	100	10,728	100	38,154	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	60	13	1,174	18	1,653	16	5,167	14	2.6	2.4 ***	.21	2.5 ***	.17	2.6	.06
		2	Sometimes	170	35	2,669	40	4,280	40	14,053	37							
		3	Often	135	29	1,652	24	2,765	25	10,568	27							
		4	Very often	119	24	1,226	18	2,045	19	8,406	22							
		Total		484	100	6,721	100	10,743	100	38,194	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	166	37	3,051	46	4,379	42	13,520	37	2.1	1.9 ***	.20	2.0 **	.14	2.1	.02
		2	Sometimes	143	30	1,939	29	3,307	30	12,167	32							
		3	Often	99	19	963	14	1,731	15	7,194	18							
		4	Very often	76	14	751	11	1,295	12	5,225	14							
		Total		484	100	6,704	100	10,712	100	38,106	100							

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				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Effect size ^e	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	83	17	1,780	27	2,543	24	8,036	22	2.4	2.2 *** △	.22	2.2 *** △	.19	2.3	.09	
		2	Sometimes	213	43	2,771	41	4,583	42	15,603	41								
		3	Often	116	24	1,386	21	2,316	22	9,251	24								
		4	Very often	71	15	755	11	1,247	12	5,126	13								
		Total		483	100	6,692	100	10,689	100	38,016	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	75	15	1,605	25	2,469	24	6,786	18	2.3	2.2 *** △	.18	2.2 *** △	.18	2.3	.00	
		2	Sometimes	221	46	2,950	44	4,811	45	16,360	43								
		3	Often	133	27	1,398	21	2,299	21	9,747	25								
		4	Very often	55	11	723	11	1,093	10	5,116	14								
		Total		484	100	6,676	100	10,672	100	38,009	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	36	8	587	9	915	8	3,014	8	2.8	2.7	.09	2.7 * △	.11	2.7	.09	
		2	Some	128	28	2,087	31	3,431	32	11,942	32								
		3	Quite a bit	194	40	2,565	39	4,168	39	15,156	40								
		4	Very much	121	24	1,443	21	2,158	20	7,835	20								
		Total		479	100	6,682	100	10,672	100	37,947	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	15	4	221	3	300	3	947	3	3.1	3.1	.02	3.1	.01	3.1	-.01	
		2	Some	84	17	1,287	19	2,007	19	7,148	19								
		3	Quite a bit	224	46	2,948	44	4,853	45	17,071	45								
		4	Very much	156	33	2,209	33	3,487	33	12,716	33								
		Total		479	100	6,665	100	10,647	100	37,882	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	16	4	262	4	366	4	1,206	3	3.0	3.0	.04	3.0	.03	3.0	-.03	
		2	Some	104	22	1,547	24	2,422	23	8,018	21								
		3	Quite a bit	214	42	2,794	42	4,627	43	16,313	43								
		4	Very much	145	32	2,030	30	3,193	30	12,237	32								
		Total		479	100	6,633	100	10,608	100	37,774	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	23	6	408	6	590	6	1,740	5	2.9	2.9	.00	2.9	-.01	2.9	-.09	
		2	Some	124	27	1,680	26	2,739	26	8,995	24								
		3	Quite a bit	209	41	2,797	42	4,539	42	16,416	43								
		4	Very much	123	26	1,749	26	2,731	25	10,547	28								
		Total		479	100	6,634	100	10,599	100	37,698	100								

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				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	19	5	354	6	495	5	1,434	4	2.9	2.9	.03	2.9	.02	3.0	-.06
		2	Some	111	24	1,707	26	2,738	26	9,069	24							
		3	Quite a bit	235	46	2,782	42	4,587	43	16,578	44							
		4	Very much	114	25	1,769	26	2,761	26	10,579	28							
		Total		479	100	6,612	100	10,581	100	37,660	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	6	2	165	3	242	3	779	2	3.2	3.1 *	.11	3.1 *	.11	3.2	.04
		2	Some	74	16	1,216	18	1,919	18	6,408	17							
		3	Quite a bit	233	46	3,033	45	4,983	46	16,815	44							
		4	Very much	164	37	2,231	34	3,467	33	13,694	37							
		Total		477	100	6,645	100	10,611	100	37,696	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	14	4	218	4	314	3	1,161	3	3.1	3.0	.05	3.0	.05	3.1	.00
		2	Some	81	16	1,359	20	2,090	20	6,905	19							
		3	Quite a bit	238	47	2,970	44	4,965	46	16,958	44							
		4	Very much	146	33	2,083	32	3,221	31	12,606	34							
		Total		479	100	6,630	100	10,590	100	37,630	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	14	4	233	4	324	3	1,136	3	3.1	3.1	.04	3.1	.03	3.1	.00
		2	Some	83	18	1,269	19	1,928	19	6,913	19							
		3	Quite a bit	211	40	2,822	42	4,727	44	15,879	42							
		4	Very much	170	38	2,309	35	3,619	34	13,680	36							
		Total		478	100	6,633	100	10,598	100	37,608	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	39	10	708	11	1,055	10	3,302	9	2.8	2.7	.03	2.7	.03	2.8	-.05
		2	Some	140	29	1,922	29	3,097	29	10,272	27							
		3	Quite a bit	179	35	2,283	34	3,817	35	13,454	35							
		4	Very much	121	26	1,714	26	2,613	25	10,559	28							
		Total		479	100	6,627	100	10,582	100	37,587	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	29	7	546	8	806	8	2,450	7	2.8	2.8	.06	2.8	.07	2.9	-.02
		2	Some	128	26	1,895	29	3,088	29	9,953	27							
		3	Quite a bit	211	44	2,533	38	4,237	40	15,272	40							
		4	Very much	109	23	1,624	24	2,413	23	9,807	26							
		Total		477	100	6,598	100	10,544	100	37,482	100							

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				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	53	10	862	12	1,312	12	4,451	11	2.6	2.6	.01	2.6	.02	2.6	-.01
		2	Sometimes	180	37	2,338	34	3,841	35	13,007	34							
		3	Often	169	35	2,177	34	3,528	34	13,202	35							
		4	Very often	77	18	1,239	20	1,889	19	6,858	19							
		Total		479	100	6,616	100	10,570	100	37,518	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	85	17	1,358	20	2,060	19	7,063	19	2.4	2.4	.05	2.4	.05	2.4	.02
		2	Sometimes	198	40	2,554	38	4,176	39	14,358	38							
		3	Often	127	27	1,748	27	2,855	27	10,668	29							
		4	Very often	66	16	947	15	1,456	14	5,374	15							
		Total		476	100	6,607	100	10,547	100	37,463	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	78	16	1,196	18	1,754	17	6,443	17	2.4	2.4	.03	2.4	.02	2.4	.01
		2	Sometimes	204	41	2,746	41	4,436	42	15,072	40							
		3	Often	136	30	1,846	28	3,075	29	11,218	30							
		4	Very often	56	13	820	13	1,295	13	4,777	13							
		Total		474	100	6,608	100	10,560	100	37,510	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	33	8	319	6	465	5	1,888	6	7.0	7.7 *	-11	7.7 *	-10	7.4	-.07
		1.5	1-2	91	20	1,084	18	1,741	18	6,351	18							
		4	3-5	129	29	1,718	29	2,736	29	10,134	30							
		8	6-10	94	21	1,289	21	2,130	22	7,646	22							
		13	11-15	38	9	685	11	1,139	11	3,841	11							
		18	16-20	25	6	372	6	613	6	1,999	6							
		23	More than 20	30	7	542	9	839	9	2,724	8							
		Total		440	100	6,009	100	9,663	100	34,583	100							
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	115	26	1,284	22	2,065	22	7,555	23	3.3	3.4	-.03	3.3	-.01	3.4	-.03
		1.5	1-2	148	33	2,122	36	3,531	37	12,130	35							
		4	3-5	100	24	1,493	25	2,390	25	8,719	25							
		8	6-10	46	11	727	12	1,098	11	3,865	11							
		13	11-15	17	3	188	3	308	3	1,220	3							
		18	16-20	2	1	83	1	122	1	454	1							
		23	More than 20	8	2	64	1	90	1	410	1							
Total		436	100	5,961	100	9,604	100	34,353	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 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. 11 pages or more	wrlongnum	0	None	230	53	2,653	45	4,320	46	15,632	46	1.6	1.8	-0.06	1.7	-0.03	1.8	-0.06	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	131	29	2,245	38	3,688	38	12,704	36								
		4	3-5	51	12	638	11	995	10	3,567	10								
		8	6-10	17	4	200	3	319	3	1,299	4								
		13	11-15	5	1	75	1	112	1	522	2								
		18	16-20	1	0	47	1	59	1	239	1								
		23	More than 20	4	1	58	1	75	1	302	1								
	Total			439	100	5,916	100	9,568	100	34,265	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.)									71.8	76.6	-0.06	74.2	-0.03	76.0	-0.05	
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	42	10	334	6	612	7	1,694	5	2.6	3.0 ***	-0.44	2.9 ***	-0.31	3.0 ***	-0.48	
		2	Sometimes	174	39	1,574	26	3,139	31	8,833	25								
		3	Often	133	32	1,833	30	2,832	29	10,666	31								
		4	Very often	90	19	2,335	38	3,163	33	13,497	39								
			Total	439	100	6,076	100	9,746	100	34,690	100								
b. People from an economic background other than your own	DDeconomic	1	Never	16	4	237	4	383	4	1,344	4	2.9	3.0 ***	-0.17	3.0	-0.09	3.0 ***	-0.18	
		2	Sometimes	123	27	1,455	24	2,652	27	8,212	24								
		3	Often	190	43	2,205	36	3,659	37	12,440	36								
		4	Very often	109	25	2,166	36	3,032	32	12,612	37								
			Total	438	100	6,063	100	9,726	100	34,608	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	20	5	320	6	543	6	1,955	6	2.9	3.0 **	-0.13	2.9	-0.07	3.0	-0.08	
		2	Sometimes	130	30	1,544	25	2,696	27	9,302	27								
		3	Often	160	35	1,986	32	3,290	33	11,406	32								
		4	Very often	128	29	2,207	37	3,188	33	11,919	34								
			Total	438	100	6,057	100	9,717	100	34,582	100								
d. People with political views other than your own	DDpolitical	1	Never	12	4	303	5	450	5	1,769	6	3.0	3.0	-0.02	3.0	.01	3.0	.01	
		2	Sometimes	129	28	1,536	25	2,603	27	9,134	27								
		3	Often	157	34	2,070	34	3,437	35	11,535	33								
		4	Very often	140	34	2,137	36	3,214	34	12,127	35								
			Total	438	100	6,046	100	9,704	100	34,565	100								

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NSSE 2017 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		State Peers		State and Regional		Crngie Size/Setting		Your seniors compared with							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	6	2	169	3	251	3	764	2	3.1	3.1	-02	3.1	.00	3.1	-04	
		2	Sometimes	85	20	1,140	19	1,901	20	6,351	19								
		3	Often	202	47	2,579	43	4,287	44	15,352	44								
		4	Very often	143	32	2,147	35	3,243	33	11,990	35								
		Total		436	100	6,035	100	9,682	100	34,457	100								
b. Reviewed your notes after class	LSnotes	1	Never	37	9	443	8	825	9	2,575	8	2.7	2.8 ***	-0.17	2.8	-0.09	2.8 ***	-0.17	
		2	Sometimes	161	37	1,850	31	3,182	32	10,457	30								
		3	Often	128	30	1,924	32	3,101	32	11,461	33								
		4	Very often	110	24	1,816	30	2,569	27	9,933	29								
		Total		436	100	6,033	100	9,677	100	34,426	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	33	8	409	7	730	8	2,342	7	2.7	2.8 *	-0.11	2.8	-0.06	2.8 **	-0.14	
		2	Sometimes	144	33	1,811	31	3,099	32	10,201	29								
		3	Often	168	40	2,221	37	3,533	37	12,755	37								
		4	Very often	90	19	1,567	26	2,277	24	9,013	27								
		Total		435	100	6,008	100	9,639	100	34,311	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	3	1	53	1	85	1	324	1	5.3	5.5 ***	-0.18	5.5 ***	-0.16	5.6 ***	-0.22	
		2		3	1	105	2	154	2	469	2								
		3		28	8	219	4	367	4	1,276	4								
		4		56	12	599	10	959	10	3,438	10								
		5		146	34	1,764	29	2,961	30	9,759	28								
		6		109	25	1,746	29	2,858	29	9,324	27								
		7	Very much	89	19	1,526	25	2,259	24	9,676	29								
		Total		434	100	6,012	100	9,643	100	34,266	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		30	7	382	7	551	6	2,741	9	51%	51%	.00	53%	-0.03	51%	.00	
		Do not plan to do		59	14	955	16	1,436	16	5,323	16								
		Plan to do		113	28	1,530	26	2,403	25	8,083	24								
		Done or in progress		231	51	3,147	51	5,261	53	18,147	51								
		Total		433	100	6,014	100	9,651	100	34,294	100								

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NSSE 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
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	31	7	545	9	811	9	3,480	11	41%	32% ***	.18	36% *	.11	39%	.04
			Do not plan to do	194	46	3,095	52	4,640	49	14,290	43							
			Plan to do	25	7	396	7	603	6	2,666	8							
			Done or in progress	182	41	1,962	32	3,572	36	13,780	39							
			Total	432	100	5,998	100	9,626	100	34,216	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	42	10	687	12	1,059	11	4,519	14	28%	23% *	.10	24%	.08	26%	.04
			Do not plan to do	225	54	3,322	56	5,346	56	17,198	50							
			Plan to do	31	8	517	9	759	8	3,282	10							
			Done or in progress	133	28	1,460	23	2,436	24	9,106	26							
			Total	431	100	5,986	100	9,600	100	34,105	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	36	9	688	12	960	11	3,887	12	14%	12%	.07	14%	.00	13%	.03
			Do not plan to do	295	70	4,160	70	6,611	70	23,055	68							
			Plan to do	29	7	400	7	586	6	2,382	7							
			Done or in progress	71	14	737	12	1,454	14	4,823	13							
			Total	431	100	5,985	100	9,611	100	34,147	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	51	12	872	15	1,266	14	4,836	15	25%	20% **	.13	22%	.08	25%	.01
			Do not plan to do	229	52	3,239	54	5,193	54	16,880	49							
			Plan to do	42	11	671	11	951	10	3,818	12							
			Done or in progress	110	25	1,180	20	2,175	22	8,580	25							
			Total	432	100	5,962	100	9,585	100	34,114	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	34	7	516	9	749	8	2,812	9	41%	47% *	-.13	48% **	-.13	49% **	-.16
			Do not plan to do	112	25	1,205	20	1,978	20	6,743	20							
			Plan to do	104	27	1,388	24	2,199	24	7,577	22							
			Done or in progress	179	41	2,865	47	4,674	48	16,947	49							
			Total	429	100	5,974	100	9,600	100	34,079	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse		1 None	148	37	2,323	40	3,384	38	11,363	34	1.8	1.7	.02	1.8	-.01	1.8	-.08
			2 Some	228	51	2,881	47	4,990	50	18,011	52							
			3 Most	45	10	629	10	1,025	10	3,871	11							
			4 All	9	2	140	2	195	2	809	2							
			Total	430	100	5,973	100	9,594	100	34,054	100							

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NSSE 2017 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students																			
	QIstudent	1	Poor	5	2	65	1	88	1	359	1	5.4	5.6 *	-0.12	5.6 *	-0.13	5.6 **	-0.14	
		2		12	3	97	2	144	2	503	2								
		3		20	5	239	4	357	4	1,359	4								
		4		45	9	616	11	918	10	3,591	11								
		5		119	28	1,522	26	2,489	26	8,532	25								
		6		119	28	1,768	29	2,954	30	9,412	27								
		7	Excellent	108	24	1,630	27	2,594	27	9,945	30								
		—	Not applicable	0	0	47	1	67	1	425	1								
			Total	428	100	5,984	100	9,611	100	34,126	100								
b. Academic advisors																			
	QIadvisor	1	Poor	21	6	353	6	503	5	1,471	4	5.0	5.0	0.01	5.0	-0.03	5.3 **	-0.16	
		2		25	6	367	6	563	6	1,590	5								
		3		34	7	534	9	818	9	2,408	7								
		4		63	15	799	13	1,259	13	4,267	12								
		5		88	21	1,106	18	1,861	19	6,296	18								
		6		83	19	1,174	19	1,930	20	6,811	20								
		7	Excellent	109	26	1,529	26	2,524	27	10,830	32								
		—	Not applicable	4	1	123	2	147	2	406	1								
			Total	427	100	5,985	100	9,605	100	34,079	100								
c. Faculty																			
	QIfaculty	1	Poor	5	1	89	2	127	1	436	1	5.5	5.5	0.01	5.5	0.01	5.6	-0.05	
		2		7	2	131	2	180	2	661	2								
		3		15	3	283	5	429	5	1,499	5								
		4		57	15	668	11	1,062	11	3,653	11								
		5		108	24	1,474	24	2,446	25	7,915	23								
		6		125	27	1,791	30	2,981	31	9,957	29								
		7	Excellent	111	27	1,496	26	2,308	25	9,683	29								
		—	Not applicable	0	0	27	0	39	0	207	1								
			Total	428	100	5,959	100	9,572	100	34,011	100								

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NSSE 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers		State and Regional		Crngie Size/Setting		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	22	6	280	5	388	4	1,497	5	4.8	4.8	-.04	4.9	-.08	4.9	-.09	
		2		21	6	293	5	437	5	1,553	5								
		3		38	10	395	7	626	7	2,404	7								
		4		56	14	710	12	1,230	13	4,712	14								
		5		94	20	1,062	18	1,906	19	6,640	19								
		6		77	17	1,003	16	1,821	18	6,117	18								
		7	Excellent	77	18	859	15	1,393	15	5,863	17								
		—	Not applicable	40	10	1,366	23	1,783	20	5,227	16								
	Total	425	100	5,968	100	9,584	100	34,013	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	31	9	325	5	446	5	1,695	5	4.6	4.9 **	-.17	4.9 ***	-.20	4.9 ***	-.20	
		2		18	5	308	5	478	5	1,765	5								
		3		46	11	488	8	737	8	2,767	8								
		4		76	18	860	14	1,421	15	5,215	15								
		5		99	22	1,354	23	2,216	23	7,547	22								
		6		82	18	1,213	20	2,040	21	7,056	20								
		7	Excellent	66	16	1,021	18	1,606	17	6,673	20								
		—	Not applicable	9	2	407	7	652	7	1,357	4								
	Total	427	100	5,976	100	9,596	100	34,075	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	10	2	109	2	153	2	628	2	2.9	3.1 ***	-.22	3.1 ***	-.21	3.1 ***	-.20	
		2	Some	109	27	1,020	18	1,695	18	6,116	19								
		3	Quite a bit	190	45	2,713	47	4,506	48	15,525	47								
		4	Very much	104	26	1,868	33	2,887	32	10,653	32								
			Total	413	100	5,710	100	9,241	100	32,922	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	10	2	284	5	406	5	1,429	5	2.8	2.9	-.06	2.9	-.07	2.9 *	-.13	
		2	Some	122	30	1,415	25	2,214	25	7,552	23								
		3	Quite a bit	203	48	2,529	44	4,280	46	14,540	44								
		4	Very much	76	19	1,439	25	2,281	25	9,198	28								
			Total	411	100	5,667	100	9,181	100	32,719	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	36	9	513	9	810	9	2,969	9	2.8	2.8	-.06	2.8	-.07	2.8	-.08	
		2	Some	112	27	1,439	26	2,297	25	8,094	25								
		3	Quite a bit	179	42	2,185	39	3,677	40	12,631	38								
		4	Very much	82	22	1,524	27	2,399	26	9,037	27								
			Total	409	100	5,661	100	9,183	100	32,731	100								

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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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	72	18	938	17	1,533	17	4,577	14	2.4	2.5 ***	-0.18	2.5 **	-0.15	2.6 ***	-0.26
		2	Some	165	40	1,852	32	3,110	33	10,221	31							
		3	Quite a bit	129	31	1,735	31	2,871	31	10,761	33							
		4	Very much	44	12	1,136	20	1,663	19	7,131	22							
		Total		410	100	5,661	100	9,177	100	32,690	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	23	5	471	9	666	8	2,306	8	2.8	2.8	.00	2.8	-0.01	2.9	-0.06
		2	Some	123	30	1,578	28	2,492	28	8,386	26							
		3	Quite a bit	180	44	2,176	38	3,776	40	13,202	40							
		4	Very much	84	21	1,412	25	2,214	24	8,764	27							
		Total		410	100	5,637	100	9,148	100	32,658	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	56	13	748	14	1,028	12	3,097	10	2.6	2.6	-0.03	2.7	-0.09	2.8 ***	-0.19
		2	Some	135	33	1,735	31	2,575	29	8,796	27							
		3	Quite a bit	151	37	1,921	34	3,449	37	12,617	38							
		4	Very much	67	18	1,231	22	2,084	22	8,060	25							
		Total		409	100	5,635	100	9,136	100	32,570	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	143	35	2,280	41	3,345	38	10,509	33	2.0	1.9	.04	2.0	-0.01	2.1 **	-0.15
		2	Some	164	40	1,940	34	3,344	36	11,567	35							
		3	Quite a bit	74	18	959	17	1,717	18	6,998	21							
		4	Very much	29	6	469	8	734	8	3,520	11							
		Total		410	100	5,648	100	9,140	100	32,594	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	35	9	859	16	1,272	15	4,360	14	2.6	2.5 *	.11	2.5 *	.10	2.6	.01
		2	Some	137	35	1,869	33	3,085	34	10,001	31							
		3	Quite a bit	168	40	1,920	34	3,230	35	11,546	35							
		4	Very much	69	16	986	17	1,547	17	6,629	20							
		Total		409	100	5,634	100	9,134	100	32,536	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	79	20	1,075	19	1,619	18	5,672	18	2.3	2.4 *	-0.10	2.4 *	-0.11	2.4 ***	-0.16
		2	Some	164	41	2,120	38	3,500	38	11,759	36							
		3	Quite a bit	124	31	1,643	29	2,811	31	10,044	31							
		4	Very much	40	9	776	14	1,183	13	5,020	16							
		Total		407	100	5,614	100	9,113	100	32,495	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 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU	State Peers	State and Regional	Crngie Size/Setting	Effect size ^e	Effect size ^e	Effect size ^e
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	3	1	25	1	33	0	132	0	14.2	14.4	-.02	14.7	-.06	14.8	-.07
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	52	13	826	15	1,223	14	4,419	14							
	8	6-10 hrs	96	24	1,384	24	2,128	23	7,470	23								
	13	11-15 hrs	82	21	1,164	21	1,915	21	6,662	20								
	18	16-20 hrs	87	21	951	17	1,640	18	5,811	18								
	23	21-25 hrs	44	11	563	10	969	10	3,355	10								
	28	26-30 hrs	21	4	297	5	544	6	1,980	6								
	33	More than 30 hrs	24	5	413	7	667	7	2,687	8								
	Total			409	100	5,623	100	9,119	100	32,516	100							
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	125	32	2,733	50	3,826	44	12,162	39	5.8	4.0 *** ▲	.29	4.3 *** ▲	.23	5.3	.07
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	136	32	1,546	27	2,895	30	9,815	29							
	8	6-10 hrs	72	17	630	11	1,149	12	4,494	13								
	13	11-15 hrs	24	6	308	5	542	6	2,401	7								
	18	16-20 hrs	28	6	195	3	347	4	1,729	5								
	23	21-25 hrs	11	3	90	2	153	2	875	3								
	28	26-30 hrs	3	1	44	1	81	1	364	1								
	33	More than 30 hrs	8	2	58	1	104	1	572	2								
	Total			407	100	5,604	100	9,097	100	32,412	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	231	56	4,288	76	6,512	72	22,108	69	6.8	3.5 *** ▲	.44	3.8 *** ▲	.41	4.0 *** ▲	.38
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	3	165	3	397	4	1,665	5							
	8	6-10 hrs	26	6	293	5	709	7	2,969	9								
	13	11-15 hrs	40	10	291	5	552	6	2,244	7								
	18	16-20 hrs	88	21	286	5	490	5	2,203	7								
	23	21-25 hrs	4	1	166	3	281	3	606	2								
	28	26-30 hrs	1	0	54	1	83	1	246	1								
	33	More than 30 hrs	7	2	65	1	81	1	416	1								
	Total			409	100	5,608	100	9,105	100	32,457	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 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU Mean	State Peers		State and Regional		Crngie Size/Setting	
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	203	49	1,704	31	3,023	34	13,530	41	10.6	15.7 *** ▼	-.39	14.4 *** ▼	-.29	12.5 ** ▼	-.14
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	4	250	4	454	5	1,668	5							
	8	6-10 hrs	21	5	322	6	631	7	2,185	6								
	13	11-15 hrs	22	6	370	6	719	7	2,408	7								
	18	16-20 hrs	35	10	640	11	1,077	11	3,199	10								
	23	21-25 hrs	39	9	571	10	896	10	2,482	8								
	28	26-30 hrs	29	7	473	8	677	7	1,824	6								
	33	More than 30 hrs	43	11	1,265	24	1,619	20	5,149	18								
	Total			408	100	5,595	100	9,096	100	32,445	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											17.2	19.1 ** ▼	-.15	18.1	-.08	16.4	.06
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	200	52	2,726	50	4,437	50	15,140	47	2.9	3.0	-.02	2.9	.00	3.4 * ▼	-.09
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	142	32	2,002	35	3,347	36	11,755	35							
	8	6-10 hrs	42	10	426	7	665	7	2,736	9								
	13	11-15 hrs	16	4	188	3	295	3	1,235	4								
	18	16-20 hrs	3	1	125	2	161	2	747	2								
	23	21-25 hrs	2	1	47	1	62	1	293	1								
	28	26-30 hrs	1	0	25	0	35	0	137	0								
	33	More than 30 hrs	3	1	45	1	75	1	349	1								
	Total			409	100	5,584	100	9,077	100	32,392	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	8	2	152	3	192	2	913	3	11.5	10.8	.08	11.0	.06	10.6 * ▲	.11
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	105	24	1,601	28	2,392	27	9,257	29							
	8	6-10 hrs	123	29	1,609	28	2,666	29	9,143	28								
	13	11-15 hrs	79	21	951	17	1,680	18	5,839	18								
	18	16-20 hrs	37	9	627	11	1,075	12	3,639	11								
	23	21-25 hrs	18	5	278	5	456	5	1,509	5								
	28	26-30 hrs	15	4	140	3	221	2	680	2								
	33	More than 30 hrs	22	6	248	5	418	5	1,452	5								
	Total			407	100	5,606	100	9,100	100	32,432	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 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	340	83	3,582	64	6,420	69	21,903	66	2.8	6.0 ***	-0.30	5.0 ***	-0.22	5.7 ***	-0.27	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	25	7	639	11	904	10	3,413	11								
	8	6-10 hrs	6	1	298	5	389	5	1,456	5									
	13	11-15 hrs	5	2	193	3	254	3	972	3									
	18	16-20 hrs	1	0	140	3	179	2	742	2									
	23	21-25 hrs	3	1	73	1	100	1	423	1									
	28	26-30 hrs	0	0	58	1	77	1	293	1									
	33	More than 30 hrs	26	6	607	11	757	9	3,181	11									
	Total			406	100	5,590	100	9,080	100	32,383	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	56	15	614	11	1,171	13	6,619	21	3.9	5.4 ***	-0.26	4.9 ***	-0.19	5.0 ***	-0.18	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	284	68	3,248	58	5,587	60	17,307	52								
	8	6-10 hrs	44	11	1,149	20	1,555	18	5,027	16									
	13	11-15 hrs	18	4	287	5	384	4	1,688	5									
	18	16-20 hrs	2	0	133	2	172	2	715	2									
	23	21-25 hrs	1	0	54	1	69	1	310	1									
	28	26-30 hrs	0	0	25	0	37	0	172	1									
	33	More than 30 hrs	2	1	101	2	131	1	619	2									
	Total			407	100	5,611	100	9,106	100	32,457	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
reading	1	Very little	74	19	901	16	1,443	16	4,732	14	2.7	2.7	-0.05	2.7	-0.06	2.8 *	-0.11		
	2	Some	113	27	1,607	28	2,642	29	9,359	29									
	3	About half	107	27	1,520	27	2,437	27	8,811	27									
	4	Most	89	21	1,167	21	1,896	21	6,629	21									
	5	Almost all	25	6	421	7	695	7	2,910	9									
		Total			408	100	5,616	100	9,113	100								32,441	100
tmreadinghrs		(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																	
		6.3																	
		6.6 -0.05 6.7 -0.06 7.0 * -0.11																	

*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 2017 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		State Peers		State and Regional		Crngie Size/Setting		NMU Mean	State Peers Mean	State and Regional Mean	Crngie Size/Setting Mean	Effect size ^e	Effect size ^e	Effect size ^e		
				Count	%	Count	%	Count	%	Count	%									
<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	tmreadinghrscol	1	0 hrs	3	1	25	1	33	0	131	0									
		2	More than zero, up to 5 hrs	193	49	2,852	51	4,485	50	15,766	49									
		3	More than 5, up to 10 hrs	133	32	1,588	29	2,646	29	9,246	29									
		4	More than 10, up to 15 hrs	47	10	549	10	960	10	3,373	10									
		5	More than 15, up to 20 hrs	21	5	291	5	494	5	1,873	6									
		6	More than 20, up to 25 hrs	8	2	200	4	324	4	1,283	4									
		7	More than 25 hrs	3	1	82	1	131	1	634	2									
		Total		408	100	5,587	100	9,073	100	32,306	100									

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

a. Writing clearly and effectively	pgwrite	1	Very little	30	8	376	7	523	6	1,745	6	2.8	2.9 *	-0.13	2.9 **	-0.15	3.0 ***	-0.22
		2	Some	110	28	1,306	24	2,036	23	6,967	22							
		3	Quite a bit	164	39	2,147	38	3,712	40	12,810	39							
		4	Very much	101	25	1,746	31	2,781	30	10,807	33							
		Total		405	100	5,575	100	9,052	100	32,329	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	36	9	501	10	714	9	2,169	7	2.8	2.8	-0.03	2.9	-0.06	3.0 **	-0.17
		2	Some	110	28	1,416	26	2,209	25	7,247	23							
		3	Quite a bit	148	35	2,051	36	3,481	38	12,370	38							
		4	Very much	112	28	1,605	28	2,654	29	10,575	33							
		Total		406	100	5,573	100	9,058	100	32,361	100							
c. Thinking critically and analytically	pgthink	1	Very little	10	3	178	3	223	3	695	2	3.2	3.2	.03	3.2	-0.01	3.3	-0.07
		2	Some	58	15	844	15	1,245	14	4,094	13							
		3	Quite a bit	158	37	2,082	37	3,504	39	12,209	37							
		4	Very much	179	45	2,463	44	4,076	44	15,376	47							
		Total		405	100	5,567	100	9,048	100	32,374	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	67	15	704	12	1,069	11	3,505	11	2.7	2.8	-0.06	2.8	-0.07	2.8 *	-0.12
		2	Some	116	29	1,649	29	2,667	29	8,927	27							
		3	Quite a bit	118	29	1,730	31	2,889	32	10,552	33							
		4	Very much	105	28	1,484	28	2,422	28	9,370	29							
		Total		406	100	5,567	100	9,047	100	32,354	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 2017 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b						
				NMU		State Peers		State and Regional		Crngie Size/Setting		<i>Your seniors compared with</i>						
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	30	8	524	10	750	9	2,420	8	3.0	2.9	.09	2.9	.06	3.0	.00
		2	Some	91	22	1,337	24	2,128	24	7,160	22							
		3	Quite a bit	137	35	1,869	33	3,152	34	11,268	34							
		4	Very much	148	35	1,841	33	3,023	33	11,511	35							
		Total		406	100	5,571	100	9,053	100	32,359	100							
f. Working effectively with others	pgothers	1	Very little	16	6	306	6	415	5	1,348	5	3.0	3.0	-.05	3.0	-.08	3.1 **	-.15
		2	Some	95	25	1,244	23	1,859	22	6,239	20							
		3	Quite a bit	157	38	2,069	37	3,533	39	12,605	39							
		4	Very much	138	31	1,948	35	3,234	35	12,127	37							
		Total		406	100	5,567	100	9,041	100	32,319	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	46	12	728	14	1,074	13	3,035	10	2.8	2.7	.07	2.7	.05	2.9	-.09
		2	Some	92	23	1,484	27	2,360	27	7,632	24							
		3	Quite a bit	154	38	1,798	32	3,121	34	11,332	34							
		4	Very much	112	27	1,555	27	2,486	27	10,343	32							
		Total		404	100	5,565	100	9,041	100	32,342	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	48	13	652	12	1,009	12	3,030	10	2.6	2.8 **	-.16	2.8 **	-.16	2.9 ***	-.27
		2	Some	137	34	1,534	28	2,541	29	8,329	26							
		3	Quite a bit	132	32	1,777	31	2,996	32	10,919	33							
		4	Very much	89	20	1,596	28	2,493	27	10,041	31							
		Total		406	100	5,559	100	9,039	100	32,319	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	45	12	619	11	901	10	2,807	9	2.7	2.7	-.07	2.8	-.08	2.8 **	-.17
		2	Some	121	30	1,595	29	2,599	29	8,591	27							
		3	Quite a bit	147	35	1,886	34	3,251	35	11,638	36							
		4	Very much	94	23	1,458	26	2,285	25	9,269	29							
		Total		407	100	5,558	100	9,036	100	32,305	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	44	13	840	15	1,211	14	3,771	12	2.6	2.6	.00	2.6	-.02	2.7 *	-.13
		2	Some	134	34	1,698	31	2,767	31	9,314	29							
		3	Quite a bit	139	32	1,710	31	2,988	32	10,761	33							
		4	Very much	88	21	1,303	23	2,050	22	8,365	26							
		Total		405	100	5,551	100	9,016	100	32,211	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 2017 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
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	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	7	2	160	3	223	3	735	3	3.1	3.2 *	-0.12	3.2 **	-0.16	3.3 ***	-0.23	
		2	Fair	67	18	750	14	1,101	13	3,622	12								
		3	Good	212	50	2,594	46	4,153	46	14,392	44								
		4	Excellent	121	30	2,081	37	3,583	39	13,564	42								
			Total	407	100	5,585	100	9,060	100	32,313	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	18	5	283	5	394	5	1,548	5	3.0	3.1 **	-0.15	3.2 ***	-0.20	3.2 ***	-0.21	
		2	Probably no	80	20	767	14	1,140	13	4,142	13								
		3	Probably yes	171	43	2,309	41	3,742	41	12,746	39								
		4	Definitely yes	136	32	2,234	39	3,797	41	13,934	43								
			Total	405	100	5,593	100	9,073	100	32,370	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 2017 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 ⁱ			Significance ^k			Effect size ^e		
	NMU	NMU	State Peers	State and Regional	Crngie Size/Setting	NMU	State Peers	State and Regional	Crngie Size/Setting	NMU	State Peers	State and Regional	Crngie Size/Setting	Comparisons with:			Comparisons with:			Comparisons with:						
														State Peers	State and Regional	Crngie Size/Setting	State Peers	State and Regional	Crngie Size/Setting	State Peers	State and Regional	Crngie Size/Setting				
1 a. askquest	251	2.74	2.78	2.75	2.84	.052	.012	.009	.004	.82	.84	.83	.83	5,381	8,637	36,649	.405	.780	.068	-.05	-.02	-.12				
b. drafts	251	2.56	2.49	2.47	2.48	.060	.014	.010	.005	.95	.98	.95	.97	5,330	8,570	36,350	.245	.140	.183	.08	.09	.08				
c. unpreparedr	252	2.98	2.99	3.02	3.08	.046	.011	.008	.004	.73	.77	.76	.75	5,326	8,566	36,329	.766	.431	.040	-.02	-.05	-.13				
d. attendart	252	1.69	1.92	1.92	2.00	.051	.013	.010	.005	.81	.90	.90	.94	5,318	8,561	36,209	.000	.000	.000	-.25	-.26	-.33				
e. CLaskhelp	251	2.60	2.59	2.61	2.63	.055	.012	.009	.005	.86	.86	.84	.86	5,292	8,527	36,150	.812	.877	.606	.02	-.01	-.03				
f. CLexplain	252	2.75	2.72	2.71	2.72	.049	.011	.009	.004	.77	.80	.79	.81	5,274	8,510	36,039	.598	.478	.539	.03	.05	.04				
g. CLstudy	252	2.47	2.43	2.46	2.55	.059	.013	.010	.005	.94	.95	.93	.94	5,270	8,494	35,881	.501	.833	.181	.04	.01	-.08				
h. CLproject	251	2.65	2.63	2.63	2.67	.052	.012	.009	.004	.82	.83	.81	.84	5,255	8,471	35,740	.600	.657	.786	.03	.03	-.02				
i. present	251	2.41	2.33	2.30	2.37	.051	.013	.010	.005	.81	.90	.88	.89	5,250	8,465	35,721	.184	.066	.570	.09	.12	.04				
2 a. RIntegrate	245	2.50	2.60	2.60	2.57	.055	.012	.009	.004	.86	.83	.81	.84	5,128	8,305	35,136	.056	.069	.201	-.12	-.12	-.08				
b. RIsocietal	244	2.51	2.55	2.53	2.56	.051	.012	.009	.005	.80	.86	.84	.87	5,109	8,271	247	.528	.732	.380	-.04	-.02	-.05				
c. RIdiverse	246	2.40	2.52	2.49	2.56	.054	.013	.010	.005	.85	.89	.87	.89	5,100	8,235	34,747	.033	.089	.004	-.14	-.11	-.18				
d. Rlownview	244	2.66	2.72	2.70	2.75	.048	.012	.009	.004	.76	.82	.79	.80	5,069	8,184	34,531	.243	.420	.087	-.08	-.05	-.11				
e. Rlperspect	244	2.82	2.88	2.86	2.89	.048	.012	.009	.004	.74	.81	.79	.79	5,023	8,116	34,331	.272	.479	.192	-.07	-.05	-.08				
f. Rlnewview	238	2.72	2.82	2.80	2.84	.044	.012	.009	.004	.69	.81	.78	.78	271	256	34,046	.027	.067	.021	-.13	-.11	-.15				
g. Rlconnect	238	2.95	3.05	3.02	3.01	.043	.011	.008	.004	.67	.73	.72	.74	267	254	241	.036	.129	.217	-.13	-.09	-.07				
3 a. SFcareer	236	2.31	2.30	2.29	2.30	.058	.013	.010	.005	.89	.93	.91	.93	4,948	8,000	33,835	.871	.719	.873	.01	.02	.01				
b. SFotherwork	236	1.73	1.74	1.73	1.84	.059	.013	.010	.005	.90	.91	.88	.93	4,926	7,971	33,720	.920	.982	.082	-.01	.00	-.11				
c. SFdiscuss	232	1.97	1.97	1.96	2.04	.052	.013	.010	.005	.79	.86	.84	.89	4,911	7,940	235	.973	.852	.206	.00	.01	-.07				
d. SFperform	235	2.15	2.08	2.05	2.18	.055	.013	.010	.005	.84	.86	.85	.88	4,903	7,926	33,527	.249	.076	.561	.08	.12	-.04				
4 a. memorize	233	3.01	2.97	2.94	2.91	.049	.012	.009	.004	.74	.79	.78	.80	259	247	235	.359	.151	.039	.06	.09	.13				
b. HOapply	230	2.94	2.90	2.90	2.87	.050	.012	.009	.004	.75	.80	.77	.80	254	7,891	232	.390	.388	.141	.06	.06	.09				
c. HOanalyze	231	2.88	2.87	2.85	2.87	.052	.012	.009	.004	.79	.82	.80	.81	4,863	7,860	33,148	.867	.635	.980	.01	.03	.00				
d. HOevaluate	231	2.85	2.85	2.82	2.87	.051	.012	.009	.004	.78	.81	.80	.80	4,854	7,847	33,098	.971	.499	.829	.00	.05	-.01				
e. HOform	229	2.81	2.82	2.80	2.85	.053	.012	.009	.004	.81	.83	.81	.81	4,839	7,828	33,016	.962	.795	.492	.00	.02	-.05				
5 a. ETgoals	226	3.07	3.03	3.04	3.05	.047	.011	.009	.004	.70	.76	.74	.78	4,857	7,841	229	.413	.540	.665	.06	.04	.03				
b. ETorganize	228	3.09	2.98	2.98	2.98	.050	.011	.009	.004	.75	.78	.76	.81	4,853	7,830	32,908	.038	.036	.040	.14	.14	.14				
c. ETexample	227	3.06	2.98	2.98	3.00	.053	.012	.009	.005	.80	.81	.79	.83	4,845	7,821	32,841	.158	.170	.275	.10	.09	.07				
d. ETdraftfb	228	2.92	2.79	2.76	2.84	.057	.013	.010	.005	.86	.90	.88	.90	253	242	231	.023	.006	.143	.15	.18	.09				
e. ETfeedback	227	2.78	2.66	2.64	2.73	.054	.013	.010	.005	.81	.88	.86	.89	254	242	230	.030	.012	.296	.14	.16	.06				

NSSE 2017 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 ⁱ			Significance ^k			Effect size ^e		
	NMU	NMU	State Peers	State and Regional	Crngie Size/Setting	NMU	State Peers	State and Regional	Crngie Size/Setting	NMU	State Peers	State and Regional	Crngie Size/Setting	Comparisons with:			Comparisons with:			Comparisons with:						
														State Peers	State and Regional	Crngie Size/Setting	State Peers	State and Regional	Crngie Size/Setting	State Peers	State and Regional	Crngie Size/Setting				
6 a. QRconclude	226	2.54	2.53	2.52	2.54	.058	.013	.010	.005	.87	.88	.86	.87	4,842	7,800	32,758	.878	.717	.967	.01	.02	.00				
b. QRproblem	224	2.26	2.23	2.24	2.27	.059	.013	.010	.005	.88	.89	.88	.91	4,831	7,797	32,741	.680	.726	.843	.03	.02	-.01				
c. QRevaluate	227	2.19	2.22	2.23	2.26	.055	.013	.010	.005	.83	.86	.85	.87	4,845	7,812	32,757	.675	.490	.224	-.03	-.05	-.08				
7 a. wrshortnum	198	5.62	7.00	6.75	6.43	.326	.088	.068	.033	4.58	5.67	5.66	5.62	226	214	201	.000	.001	.013	-.25	-.20	-.15				
b. wrmednum	195	1.87	2.31	2.09	2.11	.211	.044	.033	.018	2.95	2.82	2.75	3.15	4,327	7,059	29,229	.036	.275	.286	-.15	-.08	-.08				
c. wrlongnum	196	.52	.69	.66	.83	.137	.031	.025	.016	1.92	1.97	2.03	2.69	4,281	7,009	200	.258	.369	.027	-.08	-.06	-.11				
— wrpages	194	39.66	49.27	46.28	47.79	3.258	.848	.660	.392	45.38	54.03	54.30	66.35	4,248	6,963	199	.015	.093	.014	-.18	-.12	-.12				
8 a. DDrace	196	2.73	3.00	2.86	2.98	.062	.014	.011	.005	.87	.89	.90	.92	4,348	7,083	29,409	.000	.046	.000	-.30	-.14	-.27				
b. DDeconomic	195	2.86	3.02	2.93	2.98	.057	.013	.010	.005	.80	.85	.84	.88	4,337	7,061	29,311	.009	.244	.046	-.19	-.08	-.14				
c. DDreligion	195	2.86	2.99	2.92	2.90	.059	.014	.011	.005	.83	.89	.89	.94	4,331	7,062	198	.061	.399	.550	-.14	-.06	-.04				
d. DDpolitical	195	3.06	3.00	2.97	2.93	.057	.014	.010	.005	.80	.88	.87	.92	4,330	7,057	197	.297	.155	.017	.08	.10	.15				
9 a. LSreading	195	3.04	3.01	2.99	3.01	.052	.012	.009	.004	.72	.75	.74	.75	4,298	7,008	29,103	.567	.338	.546	.04	.07	.04				
b. LSnotes	195	2.78	2.94	2.86	2.90	.067	.014	.011	.005	.94	.89	.89	.88	4,294	7,003	29,118	.018	.203	.054	-.17	-.09	-.14				
c. LSsummary	194	2.78	2.79	2.73	2.80	.065	.014	.010	.005	.90	.88	.86	.86	4,274	6,969	28,956	.798	.455	.665	-.02	.05	-.03				
10. challenge	194	5.38	5.42	5.41	5.41	.083	.018	.014	.007	1.15	1.14	1.14	1.24	4,281	6,978	28,955	.599	.736	.739	-.04	-.02	-.02				
11 a. intern ^l	192	.038	.068	.060	.070	.0139	.0039	.0029	.0015	--	--	--	--	--	--	--	.107	.207	.088	-.13	-.10	-.14				
b. leader ^l	192	.093	.103	.100	.113	.0210	.0048	.0037	.0019	--	--	--	--	--	--	--	.641	.733	.374	-.04	-.03	-.07				
c. learncom ^l	192	.100	.101	.101	.126	.0217	.0047	.0037	.0020	--	--	--	--	--	--	--	.980	.960	.277	.00	.00	-.08				
d. abroad ^l	192	.007	.027	.025	.029	.0062	.0025	.0019	.0010	--	--	--	--	--	--	--	.101	.122	.073	-.15	-.14	-.17				
e. research ^l	192	.046	.040	.037	.044	.0151	.0031	.0023	.0012	--	--	--	--	--	--	--	.680	.508	.915	.03	.05	.01				
f. capstone ^l	191	.000	.017	.015	.021	.0000	.0021	.0015	.0009	--	--	--	--	--	--	--	.067	.090	.041	-.26	-.24	-.29				
12. servcourse	190	1.59	1.56	1.57	1.67	.052	.011	.008	.004	.72	.67	.67	.70	4,215	6,893	28,517	.569	.733	.099	.04	.03	-.12				
13 a. QIstudent	191	5.39	5.35	5.38	5.34	.093	.021	.016	.008	1.28	1.36	1.32	1.40	4,200	6,871	28,301	.689	.891	.586	.03	.01	.04				
b. QIadvisor	192	5.65	5.21	5.21	5.11	.107	.026	.020	.010	1.48	1.62	1.60	1.69	4,003	6,644	194	.000	.000	.000	.27	.28	.32				
c. QIfaculty	190	5.38	5.25	5.25	5.23	.088	.022	.016	.009	1.22	1.37	1.32	1.45	4,164	6,819	192	.196	.192	.109	.10	.10	.10				
d. QIstaff	173	5.12	5.04	5.06	5.00	.120	.027	.020	.010	1.58	1.61	1.56	1.65	3,731	6,246	26,409	.506	.622	.329	.05	.04	.07				
e. QIadmin	168	5.26	4.99	5.01	4.91	.118	.026	.020	.010	1.53	1.59	1.55	1.68	3,809	6,271	27,045	.028	.033	.007	.17	.17	.21				
14 a. empstudy	177	2.99	3.15	3.11	3.09	.054	.012	.009	.005	.71	.73	.73	.75	194	186	178	.005	.025	.066	-.21	-.17	-.13				
b. SEacademic	178	2.88	3.05	3.02	3.03	.057	.013	.010	.005	.75	.81	.79	.82	3,936	6,503	26,844	.007	.024	.021	-.21	-.17	-.17				
c. SElearnsup	177	2.94	3.13	3.08	3.05	.065	.014	.011	.005	.86	.87	.87	.90	3,933	6,506	26,864	.004	.038	.107	-.22	-.16	-.12				

NSSE 2017 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 ⁱ			Significance ^k			Effect size ^e		
	NMU	NMU	State Peers	State and Regional	Crngie Size/Setting	NMU	State Peers	State and Regional	Crngie Size/Setting	NMU	State Peers	State and Regional	Crngie Size/Setting	Comparisons with:			Comparisons with:			Comparisons with:					
														State Peers	State and Regional	Crngie Size/Setting	State Peers	State and Regional	Crngie Size/Setting	State Peers	State and Regional	Crngie Size/Setting			
d. SEdiverse	178	2.53	2.73	2.68	2.75	.070	.016	.012	.006	.93	.96	.94	.94	3,927	6,499	26,834	.007	.034	.002	-.21	-.16	-.23			
e. SEsocial	176	2.84	2.97	2.95	2.96	.065	.014	.011	.005	.86	.88	.85	.86	3,908	6,474	26,778	.055	.086	.065	-.15	-.13	-.14			
f. SEwellness	178	2.82	2.91	2.92	2.93	.064	.015	.011	.005	.85	.91	.87	.88	3,897	6,459	26,738	.179	.124	.079	-.10	-.12	-.13			
g. SEnonacad	176	2.28	2.28	2.29	2.36	.068	.016	.012	.006	.90	.96	.93	.97	3,893	6,453	26,702	.972	.939	.301	.00	-.01	-.08			
h. SEactivities	178	2.79	2.82	2.79	2.84	.066	.015	.011	.006	.88	.90	.88	.90	3,886	6,441	26,681	.639	.958	.435	-.04	.00	-.06			
i. SEevents	178	2.47	2.53	2.51	2.58	.062	.015	.012	.006	.83	.94	.91	.94	200	190	180	.390	.517	.073	-.06	-.05	-.12			
15 a. tmprephrs	178	13.89	14.51	14.66	14.06	.594	.132	.100	.050	7.92	8.06	7.90	8.13	3,893	6,440	26,663	.322	.205	.785	-.08	-.10	-.02			
b. tmcocurrhrs	176	6.57	5.16	5.29	5.90	.612	.109	.082	.044	8.13	6.65	6.51	7.10	186	182	26,554	.025	.039	.214	.21	.20	.09			
c. tmworkonhrs	177	3.23	2.45	2.51	2.36	.436	.094	.071	.034	5.80	5.69	5.58	5.56	192	185	178	.084	.104	.047	.14	.13	.16			
d. tmworkoffhrs	177	3.41	5.74	5.06	5.25	.575	.158	.114	.057	7.65	9.64	8.98	9.32	203	190	179	.000	.005	.002	-.24	-.18	-.20			
— tmworkhrs	177	6.64	8.12	7.50	7.57	.732	.175	.130	.068	9.73	10.60	10.26	11.01	196	6,399	179	.050	.272	.206	-.14	-.08	-.08			
e. tmservicehrs	176	1.81	2.31	2.13	2.49	.209	.070	.053	.028	2.77	4.24	4.18	4.62	216	6,415	182	.023	.322	.002	-.12	-.08	-.15			
f. tmrelaxhrs	177	13.68	13.06	13.26	12.44	.667	.142	.109	.053	8.87	8.64	8.57	8.63	3,869	6,414	26,555	.351	.517	.056	.07	.05	.14			
g. tmcarehrs	177	1.50	1.75	1.53	2.26	.371	.085	.062	.038	4.94	5.14	4.92	6.19	3,862	6,408	180	.535	.930	.044	-.05	-.01	-.12			
h. tmcommutehrs	177	3.31	3.82	3.26	3.73	.401	.088	.064	.037	5.34	5.36	5.09	6.06	3,880	6,430	179	.213	.909	.301	-.10	.01	-.07			
16. reading	177	2.78	2.60	2.66	2.73	.084	.018	.014	.007	1.12	1.10	1.08	1.09	3,879	6,425	26,508	.036	.173	.538	.16	.10	.05			
— tmreadinghrs	177	6.62	6.09	6.36	6.41	.448	.089	.069	.035	5.95	5.43	5.44	5.71	190	6,403	26,422	.248	.525	.619	.10	.05	.04			
17 a. pgwrite	176	2.72	2.76	2.74	2.81	.060	.014	.011	.005	.79	.86	.84	.85	3,861	6,404	26,373	.491	.720	.172	-.05	-.03	-.10			
b. pgspeak	176	2.47	2.61	2.60	2.69	.070	.015	.011	.006	.93	.91	.89	.90	3,842	6,388	26,375	.050	.050	.001	-.15	-.15	-.25			
c. pgthink	176	2.91	3.00	3.00	3.05	.067	.013	.010	.005	.88	.82	.80	.81	190	183	177	.187	.191	.042	-.11	-.11	-.17			
d. pganalyze	176	2.51	2.52	2.54	2.61	.073	.015	.012	.006	.96	.94	.92	.94	3,853	6,398	26,392	.859	.644	.188	-.01	-.04	-.10			
e. pgwork	175	2.53	2.49	2.49	2.60	.071	.016	.012	.006	.93	.95	.93	.94	3,856	6,396	26,356	.648	.619	.286	.04	.04	-.08			
f. pgothers	176	2.73	2.79	2.79	2.84	.062	.014	.011	.005	.82	.87	.85	.86	3,854	6,389	26,352	.332	.355	.077	-.07	-.07	-.13			
g. pgvalues	176	2.51	2.57	2.57	2.71	.067	.015	.012	.006	.89	.94	.92	.92	3,851	6,392	26,345	.451	.424	.006	-.06	-.06	-.21			
h. pgdiverse	175	2.57	2.69	2.68	2.79	.067	.016	.012	.006	.89	.96	.93	.93	3,852	6,389	26,332	.096	.137	.002	-.13	-.11	-.24			
i. pgprobsolve	175	2.51	2.53	2.53	2.62	.072	.015	.011	.006	.95	.92	.90	.92	3,842	6,377	26,320	.690	.719	.093	-.03	-.03	-.13			
j. pgcitizen	175	2.48	2.55	2.56	2.66	.069	.016	.012	.006	.92	.95	.92	.93	3,836	6,368	26,247	.353	.273	.012	-.07	-.08	-.19			
18. evalexp	175	3.06	3.18	3.17	3.15	.054	.012	.009	.005	.72	.71	.70	.74	3,857	6,393	26,329	.038	.039	.108	-.16	-.16	-.12			
19. sameinst	174	3.17	3.22	3.21	3.16	.059	.013	.010	.005	.78	.79	.79	.83	3,860	6,397	26,375	.386	.435	.945	-.07	-.06	.01			

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	NMU	NMU	State Peers	State and Regional	Crngie Size/Setting	NMU	State Peers	State and Regional	Crngie Size/Setting	NMU	State Peers	State and Regional	Crngie Size/Setting	Comparisons with:			Comparisons with:			Comparisons with:		
														State Peers	State and Regional	Crngie Size/Setting	State Peers	State and Regional	Crngie Size/Setting	State Peers	State and Regional	Crngie Size/Setting
1 a. askquest	503	3.14	3.13	3.12	3.17	.039	.009	.008	.004	.87	.85	.85	.84	9,271	13,181	42,077	.973	.640	.379	.00	.02	-.04
b. drafts	500	2.32	2.37	2.35	2.41	.045	.011	.009	.005	1.00	1.03	1.01	1.01	9,207	13,098	41,790	.357	.528	.072	-.04	-.03	-.08
c. unpreparedr	499	2.83	2.96	2.96	3.03	.037	.009	.007	.004	.83	.81	.80	.79	554	535	509	.000	.000	.000	-.17	-.17	-.26
d. attendart	499	1.86	1.74	1.77	1.86	.040	.009	.008	.005	.90	.88	.89	.93	9,145	13,032	41,651	.003	.017	.979	.14	.11	.00
e. CLaskhelp	500	2.54	2.46	2.49	2.50	.039	.010	.008	.004	.88	.88	.88	.90	9,141	13,028	41,601	.043	.217	.306	.09	.06	.05
f. CLexplain	500	2.87	2.81	2.81	2.81	.037	.009	.007	.004	.84	.83	.82	.84	9,116	12,996	41,541	.088	.080	.100	.08	.08	.07
g. CLstudy	500	2.46	2.46	2.47	2.54	.044	.011	.009	.005	.98	1.00	.99	.99	9,086	12,957	41,414	.885	.748	.057	-.01	-.01	-.09
h. CLproject	496	2.84	2.95	2.95	2.89	.039	.009	.008	.004	.87	.88	.87	.89	9,061	12,919	41,272	.007	.007	.234	-.12	-.12	-.05
i. present	496	2.87	2.79	2.81	2.82	.040	.010	.008	.005	.90	.94	.93	.94	560	12,923	41,256	.080	.150	.253	.08	.07	.05
2 a. RIntegrate	493	3.06	2.99	3.00	2.96	.036	.009	.007	.004	.81	.82	.81	.83	8,933	12,764	40,894	.087	.126	.012	.08	.07	.11
b. RIsocietal	490	2.86	2.79	2.79	2.82	.040	.010	.008	.004	.88	.91	.89	.89	8,874	12,694	40,744	.088	.113	.309	.08	.07	.05
c. RIdiverse	486	2.55	2.60	2.61	2.66	.043	.011	.009	.005	.94	.98	.96	.95	8,836	12,646	40,605	.252	.180	.008	-.05	-.06	-.12
d. Rlownview	487	2.88	2.83	2.82	2.85	.035	.009	.007	.004	.78	.83	.82	.82	553	531	499	.179	.116	.458	.06	.07	.03
e. Rlperspect	484	2.98	2.95	2.95	2.97	.037	.009	.007	.004	.80	.82	.81	.80	8,754	12,541	40,249	.460	.393	.810	.03	.04	.01
f. RInewview	483	2.98	2.93	2.92	2.95	.035	.009	.007	.004	.78	.79	.78	.78	8,719	12,489	40,058	.142	.123	.428	.07	.07	.04
g. Rlconnect	483	3.21	3.19	3.20	3.19	.032	.008	.007	.004	.69	.74	.72	.72	8,691	12,449	39,863	.470	.666	.528	.03	.02	.03
3 a. SFcareer	483	2.63	2.42	2.46	2.56	.045	.011	.009	.005	.99	.98	.97	.98	8,701	12,463	39,897	.000	.000	.165	.21	.17	.06
b. SFotherwork	482	2.11	1.91	1.97	2.09	.048	.011	.009	.005	1.06	1.02	1.03	1.04	8,679	518	39,803	.000	.003	.634	.20	.14	.02
c. SFdiscuss	481	2.38	2.17	2.20	2.29	.043	.010	.009	.005	.94	.95	.94	.95	8,660	12,393	39,706	.000	.000	.050	.22	.19	.09
d. SFperform	482	2.34	2.18	2.18	2.35	.040	.010	.008	.005	.87	.92	.91	.93	8,643	12,375	39,494	.000	.000	.991	.18	.18	.00
4 a. memorize	475	2.81	2.72	2.71	2.73	.041	.010	.008	.004	.89	.89	.88	.88	8,642	12,365	39,605	.052	.017	.052	.09	.11	.09
b. HOapply	476	3.08	3.07	3.07	3.09	.037	.009	.007	.004	.81	.81	.80	.79	8,630	12,345	39,534	.742	.799	.891	.02	.01	-.01
c. HOanalyze	476	3.02	2.99	2.99	3.04	.038	.009	.008	.004	.84	.84	.82	.82	8,582	12,292	39,415	.450	.580	.485	.04	.03	-.03
d. HOevaluate	476	2.87	2.87	2.87	2.94	.040	.010	.008	.004	.86	.87	.86	.84	8,587	12,289	39,334	.965	.903	.063	.00	-.01	-.09
e. HOform	476	2.91	2.89	2.89	2.96	.038	.010	.008	.004	.82	.86	.84	.83	538	12,264	39,280	.510	.615	.230	.03	.02	-.06
5 a. ETgoals	475	3.18	3.10	3.09	3.15	.034	.009	.007	.004	.75	.79	.78	.78	8,597	12,296	39,314	.026	.018	.415	.11	.11	.04
b. ETorganize	477	3.08	3.04	3.05	3.09	.037	.009	.007	.004	.80	.81	.79	.81	8,580	12,276	39,240	.276	.300	.946	.05	.05	.00
c. ETexample	476	3.11	3.08	3.09	3.11	.039	.009	.007	.004	.85	.83	.81	.82	8,579	510	39,213	.389	.536	.940	.04	.03	.00
d. ETdraftfb	477	2.78	2.75	2.74	2.83	.043	.011	.009	.005	.94	.96	.95	.94	8,577	12,267	39,189	.491	.466	.242	.03	.03	-.05
e. ETfeedback	475	2.84	2.79	2.78	2.86	.039	.010	.008	.005	.86	.91	.89	.89	538	516	39,077	.195	.133	.634	.06	.07	-.02

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	NMU	NMU	State Peers	State and Regional	Crngie Size/Setting	NMU	State Peers	State and Regional	Crngie Size/Setting	NMU	State Peers	State and Regional	Crngie Size/Setting	Comparisons with:			Comparisons with:			Comparisons with:		
														State Peers	State and Regional	Crngie Size/Setting	State Peers	State and Regional	Crngie Size/Setting	State Peers	State and Regional	Crngie Size/Setting
6 a. QRconclude	477	2.61	2.60	2.59	2.62	.041	.010	.009	.005	.90	.94	.92	.92	8,564	12,249	39,121	.860	.673	.869	.01	.02	-.01
b. QRproblem	474	2.42	2.37	2.37	2.40	.043	.011	.009	.005	.95	.97	.95	.95	8,548	12,221	39,059	.295	.263	.658	.05	.05	.02
c. QRevaluate	472	2.40	2.37	2.38	2.39	.042	.010	.008	.005	.91	.92	.91	.92	8,549	12,229	39,106	.503	.695	.881	.03	.02	.01
7 a. wrshortnum	437	7.03	7.73	7.72	7.45	.309	.078	.064	.034	6.46	6.70	6.62	6.48	7,766	11,143	35,877	.032	.033	.176	-.11	-.10	-.07
b. wrmednum	432	3.28	3.42	3.31	3.41	.202	.048	.039	.022	4.20	4.10	3.98	4.16	7,701	11,068	35,636	.493	.904	.520	-.03	-.01	-.03
c. wrlongnum	435	1.62	1.81	1.71	1.82	.150	.040	.031	.018	3.12	3.39	3.20	3.40	7,651	11,030	35,538	.243	.548	.228	-.06	-.03	-.06
— wrpages	431	71.76	76.57	74.19	76.04	4.104	1.011	.800	.468	85.15	85.12	81.65	87.05	7,517	10,850	35,078	.255	.546	.310	-.06	-.03	-.05
8 a. DDrace	434	2.60	3.01	2.89	3.04	.044	.011	.009	.005	.91	.94	.95	.92	7,833	11,222	35,984	.000	.000	.000	-.44	-.31	-.48
b. DDeconomic	433	2.89	3.03	2.96	3.05	.040	.010	.008	.005	.83	.87	.87	.88	7,815	11,196	35,897	.001	.070	.000	-.17	-.09	-.18
c. DDreligion	432	2.88	3.00	2.94	2.95	.043	.011	.009	.005	.89	.92	.92	.92	7,807	11,186	35,859	.007	.166	.107	-.13	-.07	-.08
d. DDpolitical	432	2.98	3.00	2.97	2.97	.042	.011	.009	.005	.88	.90	.89	.91	7,794	11,172	35,856	.716	.810	.818	-.02	.01	.01
9 a. LSreading	430	3.08	3.10	3.08	3.12	.037	.009	.008	.004	.76	.81	.80	.78	487	11,145	35,725	.610	.927	.381	-.02	.00	-.04
b. LSnotes	431	2.68	2.84	2.77	2.84	.045	.011	.009	.005	.94	.94	.94	.93	7,779	11,148	35,698	.001	.055	.000	-.17	-.09	-.17
c. LSsummary	429	2.71	2.81	2.77	2.84	.042	.010	.009	.005	.86	.90	.90	.90	7,748	11,104	35,569	.026	.220	.004	-.11	-.06	-.14
10. challenge	427	5.29	5.52	5.49	5.57	.062	.015	.012	.007	1.27	1.27	1.26	1.28	7,751	11,106	35,526	.000	.001	.000	-.18	-.16	-.22
11 a. intern ^l	425	.513	.513	.530	.514	.0243	.0058	.0048	.0027	--	--	--	--	--	--	--	.997	.496	.981	.00	-.03	.00
b. leader ^l	426	.407	.319	.356	.387	.0238	.0055	.0046	.0026	--	--	--	--	--	--	--	.000	.030	.402	.18	.11	.04
c. learncom ^l	425	.277	.234	.241	.260	.0217	.0050	.0041	.0023	--	--	--	--	--	--	--	.040	.085	.432	.10	.08	.04
d. abroad ^l	425	.138	.116	.138	.129	.0168	.0038	.0033	.0018	--	--	--	--	--	--	--	.169	.974	.587	.07	.00	.03
e. research ^l	426	.252	.199	.219	.248	.0211	.0047	.0040	.0023	--	--	--	--	--	--	--	.009	.105	.845	.13	.08	.01
f. capstone ^l	422	.411	.474	.477	.489	.0240	.0059	.0048	.0027	--	--	--	--	--	--	--	.012	.008	.001	-.13	-.13	-.16
12. servcourse	423	1.76	1.74	1.77	1.82	.034	.009	.007	.004	.70	.73	.71	.72	7,697	11,043	35,274	.627	.911	.105	.02	-.01	-.08
13 a. QIstudent	421	5.40	5.55	5.57	5.59	.068	.015	.012	.007	1.40	1.30	1.28	1.32	7,644	449	34,864	.021	.014	.003	-.12	-.13	-.14
b. QIadvisor	416	4.99	4.98	5.04	5.27	.087	.022	.017	.009	1.78	1.82	1.79	1.73	7,555	10,878	34,839	.872	.595	.001	.01	-.03	-.16
c. QIfaculty	421	5.49	5.48	5.49	5.56	.065	.016	.013	.007	1.34	1.37	1.34	1.36	7,644	10,968	35,002	.775	.901	.347	.01	.01	-.05
d. QIstaff	377	4.75	4.83	4.89	4.91	.092	.023	.018	.010	1.78	1.74	1.67	1.71	5,954	406	29,527	.406	.147	.068	-.04	-.08	-.09
e. QIadmin	414	4.58	4.88	4.91	4.92	.088	.021	.017	.009	1.79	1.70	1.66	1.71	459	443	422	.001	.000	.000	-.17	-.20	-.20
14 a. empstudy	406	2.94	3.11	3.10	3.09	.039	.009	.007	.004	.78	.76	.75	.76	7,346	10,595	33,984	.000	.000	.000	-.22	-.21	-.20
b. SEacademic	404	2.84	2.89	2.90	2.95	.038	.010	.008	.005	.76	.84	.82	.84	7,291	10,528	33,778	.266	.146	.012	-.06	-.07	-.13
c. SElearnsup	400	2.76	2.82	2.83	2.84	.045	.011	.009	.005	.89	.93	.92	.93	7,277	10,519	33,766	.208	.184	.118	-.06	-.07	-.08

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	NMU	NMU	State Peers	State and Regional	Crngle Size/Setting	NMU	State Peers	State and Regional	Crngle Size/Setting	NMU	State Peers	State and Regional	Crngle Size/Setting	Comparisons with:			Comparisons with:			Comparisons with:		
														State Peers	State and Regional	Crngle Size/Setting	State Peers	State and Regional	Crngle Size/Setting	State Peers	State and Regional	Crngle Size/Setting
d. SEdiverse	401	2.37	2.54	2.52	2.62	.045	.012	.010	.005	.91	.99	.98	.98	458	438	411	.000	.001	.000	-.18	-.15	-.26
e. SEsocial	402	2.80	2.79	2.81	2.85	.041	.011	.009	.005	.83	.91	.89	.90	460	439	33,693	.944	.802	.197	.00	-.01	-.06
f. SEwellness	400	2.60	2.63	2.69	2.77	.046	.012	.009	.005	.92	.97	.95	.93	453	10,470	33,598	.501	.064	.000	-.03	-.09	-.19
g. SEnonacad	402	1.96	1.93	1.97	2.11	.044	.011	.009	.005	.89	.95	.94	.99	456	10,478	413	.450	.887	.001	.04	-.01	-.15
h. SEactivities	400	2.63	2.52	2.53	2.61	.043	.012	.009	.005	.85	.95	.94	.96	459	438	411	.019	.032	.755	.11	.10	.01
i. SEevents	398	2.28	2.38	2.39	2.44	.044	.011	.009	.005	.88	.95	.93	.96	453	433	408	.040	.025	.001	-.10	-.11	-.16
15 a. tmprephrs	399	14.17	14.38	14.67	14.83	.408	.105	.086	.049	8.15	8.71	8.66	8.83	453	435	410	.625	.239	.113	-.02	-.06	-.07
b. tmcocurrhrs	398	5.84	3.98	4.35	5.32	.367	.078	.065	.040	7.32	6.40	6.53	7.32	433	422	33,420	.000	.000	.158	.29	.23	.07
c. tmworkonhrs	399	6.79	3.49	3.77	4.00	.436	.090	.073	.040	8.72	7.42	7.36	7.34	433	421	405	.000	.000	.000	.44	.41	.38
d. tmworkoffhrs	399	10.58	15.73	14.40	12.46	.620	.161	.130	.071	12.37	13.30	13.01	12.99	453	433	33,455	.000	.000	.004	-.39	-.29	-.14
— tmworkhrs	397	17.18	19.14	18.12	16.42	.594	.156	.125	.073	11.84	12.87	12.52	13.23	453	432	408	.002	.123	.200	-.15	-.08	.06
e. tmservicehrs	399	2.91	3.02	2.91	3.41	.250	.064	.051	.031	4.99	5.25	5.08	5.70	7,176	10,394	411	.683	.991	.048	-.02	.00	-.09
f. tmrelaxhrs	397	11.51	10.81	11.03	10.62	.425	.100	.082	.045	8.47	8.29	8.22	8.15	7,203	10,420	33,435	.101	.257	.031	.08	.06	.11
g. tmcarehrs	396	2.80	6.02	5.05	5.68	.418	.133	.103	.060	8.32	10.98	10.25	10.81	480	444	411	.000	.000	.000	-.30	-.22	-.27
h. tmcommutehrs	397	3.88	5.37	4.91	5.00	.199	.070	.054	.034	3.97	5.76	5.41	6.17	499	456	419	.000	.000	.000	-.26	-.19	-.18
16. reading	398	2.68	2.74	2.75	2.81	.059	.014	.012	.006	1.17	1.17	1.17	1.18	7,215	10,434	33,433	.309	.276	.030	-.05	-.06	-.11
— tmreadinghrs	398	6.33	6.61	6.71	7.03	.273	.073	.060	.035	5.45	6.01	5.98	6.33	7,181	10,390	410	.367	.212	.011	-.05	-.06	-.11
17 a. pgwrite	396	2.81	2.93	2.95	3.01	.045	.011	.009	.005	.90	.91	.89	.88	7,169	425	404	.013	.005	.000	-.13	-.15	-.22
b. pgspeak	396	2.81	2.83	2.86	2.96	.048	.012	.009	.005	.95	.95	.93	.91	7,167	10,374	404	.586	.250	.001	-.03	-.06	-.17
c. pgthink	396	3.24	3.22	3.24	3.29	.041	.010	.008	.004	.81	.83	.80	.78	7,163	10,366	33,372	.597	.905	.154	.03	-.01	-.07
d. pganalyze	396	2.69	2.75	2.76	2.81	.052	.012	.010	.005	1.03	.99	.98	.98	7,160	424	404	.245	.219	.030	-.06	-.07	-.12
e. pgwork	396	2.97	2.88	2.91	2.97	.047	.012	.010	.005	.94	.98	.96	.94	447	10,369	33,356	.082	.236	.983	.09	.06	.00
f. pgothers	396	2.96	3.00	3.03	3.08	.045	.011	.009	.005	.89	.90	.88	.86	7,160	10,357	33,317	.351	.124	.004	-.05	-.08	-.15
g. pgvalues	393	2.79	2.73	2.74	2.88	.049	.012	.010	.005	.97	1.01	.99	.97	442	10,355	33,339	.184	.321	.070	.07	.05	-.09
h. pgdiverse	396	2.59	2.76	2.75	2.86	.048	.012	.010	.005	.96	1.00	.98	.97	7,147	10,350	33,309	.002	.002	.000	-.16	-.16	-.27
i. pgprobsolve	397	2.68	2.74	2.75	2.84	.048	.012	.010	.005	.96	.97	.95	.95	7,149	10,350	33,303	.196	.125	.001	-.07	-.08	-.17
j. pgcitizen	394	2.61	2.61	2.63	2.73	.048	.012	.010	.005	.95	1.00	.98	.98	7,138	10,328	33,204	.942	.635	.012	.00	-.02	-.13
18. evalexp	397	3.08	3.17	3.20	3.25	.038	.009	.008	.004	.75	.78	.76	.76	448	430	406	.020	.001	.000	-.12	-.16	-.23
19. sameinst	396	3.02	3.15	3.19	3.20	.043	.010	.008	.005	.85	.85	.83	.85	7,191	10,388	404	.004	.000	.000	-.15	-.20	-.21

Endnotes

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