



NSSE 2013

Frequencies and Statistical Comparisons

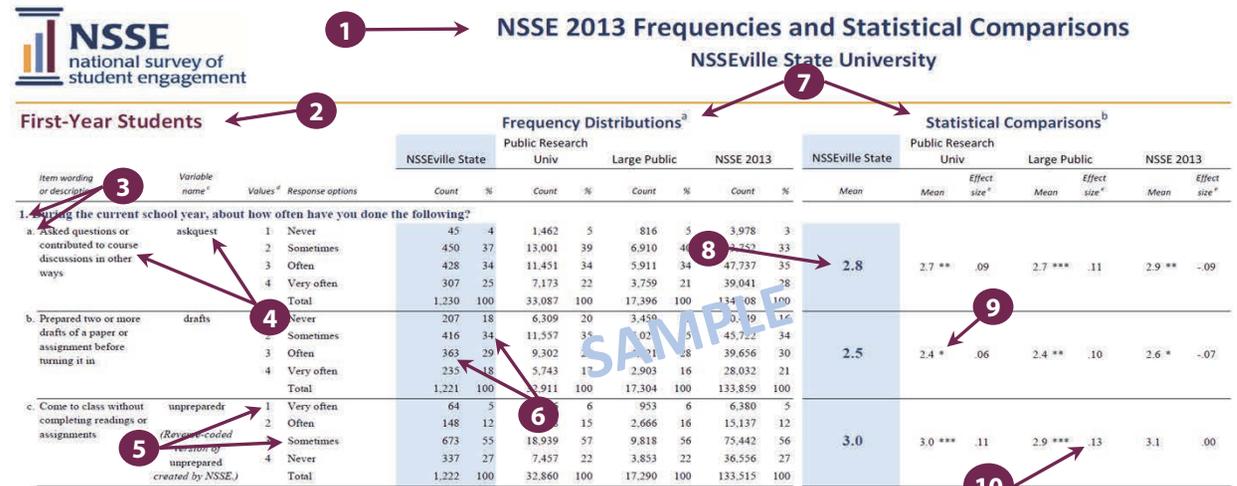
Northern Michigan University

NSSE 2013 Frequencies and Statistical Comparisons

Interpreting Your Report

The display below highlights details in the *Frequencies and Statistical Comparisons* report that are important to keep in mind when interpreting your results. For more information about the sampling technique, weighting, engagement indicators, and the survey properties, please visit our Web site (nsse.iub.edu) or contact a member of the NSSE team.

1. The *Frequencies and Statistical Comparisons* report is based on information from all randomly selected or census-administered students for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included.
2. **Class:** As reported by your institution.
3. **Item numbers:** Item numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE Web site.
4. **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.
5. **Values and response options:** Values are used to calculate means. Response options are listed as they appear on the instrument.
6. **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. Counts are unweighted and cannot be used to replicate column percentages.
7. **Weighting:** Column percentages and statistics are weighted by gender and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted. For more details visit: nsse.iub.edu/html/weighting.cfm
8. **Mean:** The mean is the weighted arithmetic average of student responses on a particular item.



Item wording or description	Variable name ^a	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				NSSEville State		Public Research Univ		Large Public		NSSE 2013		NSSEville State	Public Research Univ	Large Public	NSSE 2013				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^c	Mean	Effect size ^c	Mean	Effect size ^c	
1. During the current school year, about how often have you done the following? ^e																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	45	4	1,462	5	816	5	3,978	3	2.8	2.7 **	.09	2.7 ***	.11	2.9 **	-.09	
		2	Sometimes	450	37	13,001	39	6,910	46	47,737	35								
		3	Often	428	34	11,451	34	5,911	34	47,737	35								
		4	Very often	307	25	7,173	22	3,759	21	39,041	28								
			Total	1,230	100	33,087	100	17,396	100	134,008	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	207	18	6,309	20	3,459	5	3,199	16	2.5	2.4 *	.06	2.4 **	.10	2.6 *	-.07	
		2	Sometimes	416	34	11,557	35	1,021	5	45,722	34								
		3	Often	363	29	9,302	27	2,711	18	39,656	30								
		4	Very often	235	18	5,743	17	2,903	16	28,032	21								
			Total	1,221	100	31,911	100	17,304	100	133,859	100								
c. Come to class without completing readings or assignments	unprepared	1	Very often	64	5	6	6	953	6	6,380	5	3.0	3.0 ***	.11	2.9 ***	.13	3.1	.00	
		2	Often	148	12	2,666	15	2,666	16	15,137	12								
		3	Sometimes	673	55	18,939	57	9,818	56	75,442	56								
		4	Never	337	27	7,457	22	3,853	22	36,556	27								
			Total	1,222	100	32,860	100	17,290	100	133,515	100								

9. **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 below) to judge the practical meaning of the results. Unless otherwise noted, statistical comparisons are two-tailed independent t-tests. Exceptions are items 11 a-f which are compared using a z-test.
10. **Effect size:** Effect size indicates practical significance. In practice, 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 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.

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013		
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	
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	4	502	4	273	3	4,011	3	2.8	2.8	-.06	2.9 ***	-.22	2.9 *	-.15	
		2	Sometimes	99	38	5,439	37	3,162	31	44,103	33								
		3	Often	86	35	5,334	36	3,723	36	48,079	35								
		4	Very often	57	22	3,488	24	3,087	31	39,291	28								
		Total		254	100	14,763	100	10,245	100	135,484	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	28	10	2,355	17	1,421	14	20,628	16	2.8	2.5 ***	.30	2.6 **	.20	2.6 ***	.25	
		2	Sometimes	70	28	5,145	35	3,499	33	46,068	34								
		3	Often	85	34	4,361	29	3,148	31	39,934	30								
		4	Very often	69	28	2,825	19	2,136	21	28,198	21								
		Total		252	100	14,686	100	10,204	100	134,828	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	3	743	5	459	5	6,435	5	3.0	3.0	.02	3.1	-.07	3.1	.00	
		2	Often	32	13	1,783	13	992	10	15,253	12								
		3	Sometimes	151	61	8,331	56	5,798	56	75,964	56								
		4	Never	61	24	3,788	26	2,906	29	36,832	27								
		Total		253	100	14,645	100	10,155	100	134,484	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	89	35	5,884	42	3,291	37	45,427	37	2.0	1.9	.09	2.0	-.01	2.0	-.01	
		2	Sometimes	106	41	5,475	37	4,126	38	52,528	38								
		3	Often	38	15	2,077	14	1,783	16	23,183	16								
		4	Very often	21	8	1,198	8	962	9	13,060	9								
		Total		254	100	14,634	100	10,162	100	134,198	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	19	8	1,204	9	874	11	12,711	11	2.5	2.6	-.03	2.5	.04	2.5	.00	
		2	Sometimes	110	44	6,130	42	4,180	43	54,625	42								
		3	Often	87	33	4,862	33	3,401	31	44,144	32								
		4	Very often	37	14	2,396	16	1,709	15	22,548	16								
		Total		253	100	14,592	100	10,164	100	134,028	100								
f. Explained course material to one or more students	CLexplain	1	Never	10	4	571	4	459	6	6,583	5	2.6	2.7	-.09	2.6	.00	2.7	-.07	
		2	Sometimes	107	44	5,571	39	3,923	41	50,217	39								
		3	Often	94	37	5,602	39	3,770	36	50,036	38								
		4	Very often	37	15	2,493	18	1,773	16	23,983	18								
		Total		248	100	14,237	100	9,925	100	130,819	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	45	18	2,212	16	1,417	18	19,630	16	2.4	2.5	-.11	2.5	-.10	2.5 *	-.14	
		2	Sometimes	95	40	5,394	38	3,562	36	46,695	36								
		3	Often	73	28	4,222	29	3,046	29	39,263	29								
		4	Very often	35	13	2,406	17	1,898	17	25,324	19								
		Total		248	100	14,234	100	9,923	100	130,912	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	15	6	1,044	8	760	10	11,183	10	2.6	2.6	.01	2.5	.06	2.6	.02	
		2	Sometimes	106	43	5,802	42	3,993	41	51,996	40								
		3	Often	94	37	4,980	34	3,434	33	44,501	33								
		4	Very often	33	14	2,350	16	1,713	15	22,788	17								
		Total		248	100	14,176	100	9,900	100	130,468	100								
i. Gave a course presentation	present	1	Never	48	21	3,211	23	1,909	23	27,998	23	2.1	2.2	-.02	2.2	-.09	2.2	-.05	
		2	Sometimes	128	51	6,462	46	4,266	42	58,316	44								
		3	Often	56	22	3,242	23	2,628	25	30,779	23								
		4	Very often	14	6	1,224	8	1,063	10	12,870	10								
		Total		246	100	14,139	100	9,866	100	129,963	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	13	6	856	6	661	8	8,170	7	2.7	2.7	.00	2.6	.04	2.7	-.01	
		2	Sometimes	99	39	5,288	38	3,745	38	47,644	37								
		3	Often	90	38	5,174	37	3,566	36	47,226	37								
		4	Very often	42	17	2,530	18	1,742	18	24,765	19								
		Total		244	100	13,848	100	9,714	100	127,805	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	25	10	1,234	9	794	9	10,158	9	2.6	2.6	-.01	2.6	-.04	2.6	-.06	
		2	Sometimes	93	38	5,445	40	3,764	39	48,170	38								
		3	Often	86	36	4,875	35	3,381	35	45,178	35								
		4	Very often	36	15	2,100	16	1,651	17	22,602	18								
		Total		240	100	13,654	100	9,590	100	126,108	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	38	15	1,579	12	909	11	11,795	10	2.4	2.5	-.06	2.6 *	-.15	2.6 *	-.15	
		2	Sometimes	95	38	5,689	41	3,779	39	49,210	39								
		3	Often	78	33	4,398	32	3,250	33	43,108	33								
		4	Very often	31	13	1,985	15	1,653	17	22,132	17								
		Total		242	100	13,651	100	9,591	100	126,245	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

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First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
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	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	16	6	712	5	435	5	5,651	5	2.7	2.7	-.04	2.8	-.08	2.8	-.11	
		2	Sometimes	82	32	4,733	34	3,229	33	40,536	32								
		3	Often	107	46	5,766	42	4,065	42	53,860	42								
		4	Very often	34	15	2,428	19	1,855	20	25,979	21								
		Total		239	100	13,639	100	9,584	100	126,026	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	17	7	525	4	358	4	4,384	4	2.8	2.8	-.03	2.9	-.07	2.9	-.09	
		2	Sometimes	73	29	4,384	32	2,933	30	37,467	30								
		3	Often	99	43	5,676	41	4,041	42	53,399	42								
		4	Very often	51	22	3,013	23	2,240	24	30,559	24								
		Total		240	100	13,598	100	9,572	100	125,809	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	10	4	432	3	265	3	3,346	3	2.8	2.8	.00	2.8	-.04	2.9	-.06	
		2	Sometimes	80	33	4,494	33	3,019	32	38,398	31								
		3	Often	99	40	5,755	42	4,067	43	53,238	42								
		4	Very often	52	23	2,879	21	2,171	23	30,318	24								
		Total		241	100	13,560	100	9,522	100	125,300	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	4	2	200	2	135	2	1,652	2	3.1	3.0	.06	3.1	.03	3.1	.01	
		2	Sometimes	51	22	3,032	23	1,973	21	25,061	21								
		3	Often	105	43	6,178	45	4,376	45	56,258	45								
		4	Very often	79	34	4,091	30	3,002	32	41,841	33								
		Total		239	100	13,501	100	9,486	100	124,812	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	33	15	2,675	20	1,804	22	26,227	22	2.3	2.2	.10	2.2	.13	2.2 *	.14	
		2	Sometimes	108	44	6,329	46	4,364	45	57,834	46								
		3	Often	79	34	3,035	22	2,259	23	27,559	21								
		4	Very often	18	7	1,506	11	1,088	11	13,569	11								
		Total		238	100	13,545	100	9,515	100	125,189	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	132	54	7,289	54	4,692	53	64,863	53	1.6	1.7	-.07	1.7	-.08	1.7	-.08	
		2	Sometimes	69	31	3,833	28	3,000	29	37,202	29								
		3	Often	29	12	1,581	12	1,163	12	14,976	12								
		4	Very often	9	3	792	6	625	6	7,674	6								
		Total		239	100	13,495	100	9,480	100	124,715	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	79	32	4,486	33	2,909	35	40,106	34	1.9	2.0 *	-.13	2.0 *	-.11	2.0 *	-.12	
		2	Sometimes	118	52	5,827	43	4,113	41	53,462	42								
		3	Often	36	15	2,266	17	1,719	17	21,800	17								
		4	Very often	5	2	905	7	737	7	9,193	7								
		Total		238	100	13,484	100	9,478	100	124,561	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	45	18	3,562	26	2,156	26	30,264	25	2.1	2.1	.05	2.1	.01	2.1	.02	
		2	Sometimes	133	57	6,308	47	4,394	45	58,482	46								
		3	Often	46	19	2,532	19	2,020	20	24,750	20								
		4	Very often	14	6	1,047	8	865	9	10,663	9								
		Total		238	100	13,449	100	9,435	100	124,159	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	6	3	436	3	360	4	5,305	4	3.0	3.0	.04	2.9	.10	2.9	.09	
		2	Some	54	23	3,138	24	2,372	26	31,215	25								
		3	Quite a bit	106	43	6,062	45	4,117	44	53,895	43								
		4	Very much	74	30	3,828	28	2,622	27	34,210	27								
		Total		240	100	13,464	100	9,471	100	124,625	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	15	6	449	3	302	4	3,987	3	2.9	3.0	-.12	3.0	-.11	3.0 *	-.15	
		2	Some	57	24	3,153	24	2,201	24	27,552	23								
		3	Quite a bit	111	46	6,095	45	4,219	45	55,709	45								
		4	Very much	54	24	3,692	28	2,698	28	36,745	29								
		Total		237	100	13,389	100	9,420	100	123,993	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	14	6	541	4	344	4	4,389	4	2.8	2.9	-.13	2.9 *	-.15	3.0 **	-.20	
		2	Some	73	31	3,374	25	2,278	25	28,365	23								
		3	Quite a bit	94	39	5,841	43	4,070	43	52,932	43								
		4	Very much	56	24	3,592	27	2,712	28	37,841	30								
		Total		237	100	13,348	100	9,404	100	123,527	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	18	7	614	5	353	4	4,963	4	2.8	2.9	-.09	2.9 *	-.17	2.9 **	-.17	
		2	Some	64	28	3,746	28	2,397	26	31,016	26								
		3	Quite a bit	106	43	5,836	43	4,125	43	53,832	43								
		4	Very much	49	21	3,164	24	2,525	27	33,790	27								
		Total		237	100	13,360	100	9,400	100	123,601	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

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Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
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. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	17	7	699	5	372	4	5,408	5	2.8	2.8	-.07	2.9 *	-.15	2.9 *	-.15	
		2	Some	71	30	3,758	29	2,509	27	31,770	26								
		3	Quite a bit	95	40	5,706	43	3,985	42	52,742	42								
		4	Very much	54	23	3,181	23	2,483	26	33,438	27								
		Total		237	100	13,344	100	9,349	100	123,358	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	3	1	260	2	159	2	2,178	2	3.2	3.1 *	.14	3.2	.09	3.2	.08	
		2	Some	37	15	2,372	18	1,547	17	19,818	16								
		3	Quite a bit	102	42	6,194	45	4,270	43	55,554	44								
		4	Very much	93	42	4,628	35	3,479	38	46,831	38								
		Total		235	100	13,454	100	9,455	100	124,381	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	4	2	342	3	202	2	2,958	3	3.1	3.1	.02	3.1	-.05	3.1	-.05	
		2	Some	39	15	2,565	19	1,694	18	20,888	17								
		3	Quite a bit	125	54	6,335	46	4,312	44	56,433	45								
		4	Very much	67	29	4,179	32	3,226	36	43,752	35								
		Total		235	100	13,421	100	9,434	100	124,031	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	5	3	373	3	244	3	3,542	3	3.1	3.1	-.01	3.1	-.06	3.1	-.05	
		2	Some	47	20	2,699	20	1,728	18	22,879	19								
		3	Quite a bit	106	46	5,739	42	3,984	41	50,696	40								
		4	Very much	77	32	4,560	34	3,449	37	46,632	37								
		Total		235	100	13,371	100	9,405	100	123,749	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	11	4	1,029	8	656	8	9,185	8	3.1	2.8 ***	.27	2.9 **	.18	2.9 ***	.22	
		2	Some	48	20	3,800	28	2,432	26	32,941	27								
		3	Quite a bit	91	39	4,900	36	3,420	36	44,295	35								
		4	Very much	84	37	3,651	27	2,903	31	37,308	30								
		Total		234	100	13,380	100	9,411	100	123,729	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	23	9	1,183	9	616	7	9,276	8	2.8	2.8	.02	2.9	-.11	2.8	-.05	
		2	Some	62	26	4,137	30	2,605	27	35,224	29								
		3	Quite a bit	102	44	5,012	38	3,544	37	46,389	37								
		4	Very much	46	21	3,014	23	2,604	28	32,443	26								
		Total		233	100	13,346	100	9,369	100	123,332	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	49	19	1,809	13	1,255	13	18,108	14	2.4	2.6 *	-.13	2.5	-.08	2.6	-.11	
		2	Sometimes	76	32	4,875	35	3,560	37	44,330	35								
		3	Often	81	35	4,593	35	3,134	33	41,173	34								
		4	Very often	29	14	2,154	17	1,499	16	20,589	18								
			Total	235	100	13,431	100	9,448	100	124,200	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	77	30	2,937	21	2,046	22	28,287	22	2.1	2.3 **	-.18	2.3 *	-.15	2.3 *	-.17	
		2	Sometimes	92	39	5,522	41	3,988	42	49,926	40								
		3	Often	46	21	3,508	27	2,366	25	31,689	26								
		4	Very often	21	11	1,432	12	1,021	11	14,004	12								
			Total	236	100	13,399	100	9,421	100	123,906	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	71	27	2,887	21	2,071	23	27,683	22	2.1	2.3 **	-.19	2.2 *	-.14	2.3 **	-.18	
		2	Sometimes	99	42	5,682	42	4,028	42	51,049	41								
		3	Often	54	24	3,519	27	2,388	25	32,139	26								
		4	Very often	12	6	1,260	10	902	10	12,591	11								
			Total	236	100	13,348	100	9,389	100	123,462	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum	0	None	13	6	446	4	374	5	4,910	5	7.8	6.7 **	.20	7.0	.13	6.8 **	.18	
		1.5	1-2	32	15	2,346	19	1,639	20	21,045	20								
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	46	21	4,154	34	2,563	30	35,152	31								
		8	6-10	63	30	3,054	24	2,099	23	28,558	24								
		13	11-15	34	15	1,243	10	1,054	11	12,723	10								
		18	16-20	16	8	621	5	497	5	5,967	5								
		23	More than 20	8	3	472	4	504	5	5,987	5								
			Total	212	100	12,336	100	8,730	100	114,342	100								
b. Between 6 and 10 pages	wrmednum	0	None	84	40	3,650	32	2,827	35	35,847	35	1.8	2.1	-.10	2.0	-.07	2.1	-.10	
		1.5	1-2	80	40	5,362	44	3,526	40	46,179	40								
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	26	12	2,155	17	1,484	17	20,181	17								
		8	6-10	12	6	629	5	445	5	6,206	6								
		13	11-15	3	1	134	1	96	1	1,371	1								
		18	16-20	1	0	42	0	32	0	442	0								
		23	More than 20	0	0	44	0	26	0	427	0								
			Total	206	100	12,016	100	8,436	100	110,653	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. 11 pages or more	wrlongnum	0	None	172	86	9,180	79	6,256	77	82,142	77	0.6	0.7	-0.04	0.8	-0.06	0.8	-0.07	
		1.5	1-2	19	9	1,830	15	1,538	17	19,004	17								
		4	3-5	2	1	333	3	194	2	3,081	3								
		8	6-10	2	2	141	1	86	1	1,324	1								
		13	11-15	2	1	82	1	62	1	878	1								
		18	16-20	1	0	46	0	33	0	428	0								
		23	More than 20	1	1	42	0	44	1	556	1								
		Total		199	100	11,654	100	8,213	100	107,413	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)									40	45	-0.09	46	-0.10	47	-0.11	
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	17	8	660	5	509	7	5,784	5	2.7	3.0 ***	-0.32	3.0 ***	-0.29	3.1 ***	-0.40	
		2	Sometimes	89	41	3,483	27	2,367	26	28,388	24								
		3	Often	60	26	3,839	31	2,601	30	34,240	30								
		4	Very often	54	26	4,574	36	3,413	37	47,898	41								
			Total	220	100	12,556	100	8,890	100	116,310	100								
b. People from an economic background other than your own	DDeconomic	1	Never	13	6	581	5	432	6	5,204	5	3.0	3.0	-0.02	3.0	-0.02	3.1	-0.09	
		2	Sometimes	55	24	3,078	24	2,034	23	25,479	22								
		3	Often	78	34	4,420	35	3,083	34	39,209	34								
		4	Very often	74	36	4,437	35	3,317	36	46,110	39								
			Total	220	100	12,516	100	8,866	100	116,002	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	18	9	788	7	520	7	8,006	7	2.9	3.0	-0.03	3.0	-0.04	3.0	-0.06	
		2	Sometimes	52	23	3,222	26	2,271	26	29,739	25								
		3	Often	76	34	3,937	32	2,738	31	33,886	30								
		4	Very often	73	34	4,556	36	3,323	37	44,112	38								
			Total	219	100	12,503	100	8,852	100	115,743	100								
d. People with political views other than your own	DDpolitical	1	Never	14	7	716	6	524	7	6,853	6	3.0	3.0	-0.05	3.0	-0.01	3.0	-0.05	
		2	Sometimes	53	23	2,930	24	2,132	24	28,432	24								
		3	Often	78	35	4,119	33	2,874	32	36,306	31								
		4	Very often	74	35	4,706	37	3,313	37	43,822	38								
			Total	219	100	12,471	100	8,843	100	115,413	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
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	3	1	181	2	117	2	1,509	2	3.1	3.1	.03	3.2	-.04	3.2	-.06	
		2	Sometimes	40	19	2,447	20	1,487	18	19,226	17								
		3	Often	98	45	5,539	44	3,942	44	50,117	43								
		4	Very often	77	35	4,296	34	3,312	37	44,753	38								
		Total		218	100	12,463	100	8,858	100	115,605	100								
b. Reviewed your notes after class	LSnotes	1	Never	9	4	584	5	392	5	5,404	5	2.9	2.9	-.02	3.0	-.08	2.9	-.03	
		2	Sometimes	60	28	3,622	30	2,412	27	33,396	29								
		3	Often	88	41	4,176	34	2,991	34	38,482	33								
		4	Very often	60	27	4,052	32	3,036	34	38,036	33								
		Total		217	100	12,434	100	8,831	100	115,318	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	14	6	758	6	506	6	6,935	6	2.8	2.8	.01	2.9	-.05	2.9	-.03	
		2	Sometimes	65	30	3,827	31	2,556	29	34,115	30								
		3	Often	82	38	4,416	36	3,215	37	40,836	36								
		4	Very often	56	26	3,313	27	2,469	28	32,322	28								
		Total		217	100	12,314	100	8,746	100	114,208	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	1	0	53	1	41	1	461	1	5.4	5.5	-.09	5.6 *	-.16	5.6 *	-.15	
		2		2	1	116	1	85	1	1,081	1								
		3		4	2	372	3	233	3	3,123	3								
		4		28	13	1,216	10	758	9	10,432	10								
		5		80	37	4,002	32	2,769	31	35,015	30								
		6		73	34	4,106	32	2,994	33	38,366	32								
		7	Very much	30	13	2,566	20	1,943	23	26,814	23								
		Total		218	100	12,431	100	8,823	100	115,292	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

First-Year Students

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b																											
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013																					
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e																				
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 (Means indicate the percentage who responded "Done or in progress.")		Have not decided Do not plan to do Plan to do Done or in progress Total	32 10 159 15 216	16 4 74 7 100	1,375 508 9,716 828 12,427	11 5 77 7 100	1,042 463 6,498 819 8,822	14 7 70 9 100	13,049 5,468 87,292 9,395 115,204	12 5 74 8 100	7%	7%	-.02	9%	-.09	8%	-.06																					
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 Do not plan to do Plan to do Done or in progress Total	61 53 69 31 214	28 25 33 14 100	3,535 3,185 4,345 1,325 12,390	28 26 35 11 100	2,471 2,372 2,986 966 8,795	28 31 31 10 100	32,329 28,101 40,920 13,493 114,843	28 26 35 12 100								14%	11%	.08	10%	.10	12%	.06														
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 Do not plan to do Plan to do Done or in progress Total	60 44 48 64 216	28 22 23 27 100	3,629 3,601 2,820 2,321 12,371	29 29 23 18 100	2,988 2,463 2,235 1,108 8,794	33 30 24 12 100	37,188 32,380 28,026 17,033 114,627	32 29 25 15 100															27%	18% ***	.23	12% ***	.38	15% ***	.31							
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")		Have not decided Do not plan to do Plan to do Done or in progress Total	63 70 77 5 215	29 34 34 3 100	3,655 3,669 4,657 390 12,371	29 32 36 3 100	2,548 2,508 3,447 269 8,772	29 32 36 3 100	32,002 31,681 47,269 3,663 114,615	28 30 39 3 100																						3%	3%	-.04	3%	-.02	3%	-.03
e. Work with a faculty member on a research project	research (Means indicate the percentage who responded "Done or in progress.")		Have not decided Do not plan to do Plan to do Done or in progress Total	89 58 63 4 214	41 26 31 2 100	4,777 3,177 3,792 559 12,305	38 25 32 5 100	3,541 2,143 2,629 437 8,750	40 26 29 5 100	44,091 27,200 36,839 5,962 114,092	38 24 33 5 100																												
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 Do not plan to do Plan to do Done or in progress Total	91 23 101 1 216	44 11 45 1 100	4,032 1,223 6,760 311 12,326	33 11 54 3 100	2,853 881 4,811 204 8,749	33 12 52 3 100	35,255 10,674 65,227 3,019 114,175	32 10 55 3 100	1%	3%	-.17	3%	-.16	3%	-.18																					

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
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	
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse	1	None	105	51	6,256	52	3,728	45	52,630	48	1.5	1.6	-.04	1.6 *	-.17	1.6 *	-.12	
		2	Some	101	46	5,252	42	4,342	48	52,388	44								
		3	Most	8	3	672	5	560	6	7,628	6								
		4	All	0	0	95	1	96	1	1,306	1								
			Total	214	100	12,275	100	8,726	100	113,952	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	2	1	170	1	115	1	1,655	2	5.6	5.5	.07	5.6	.01	5.6	.02	
		2		3	1	271	2	145	2	2,172	2								
		3		8	3	578	5	388	5	4,844	5								
		4		28	13	1,208	10	778	10	10,334	10								
		5		55	24	2,943	24	1,972	23	24,827	22								
		6		55	26	3,797	30	2,571	28	34,086	29								
		7	Excellent	64	31	3,397	28	2,779	31	36,332	31								
		—	Not applicable	1	1	38	0	65	1	789	1								
			Total	216	100	12,402	100	8,813	100	115,039	100								
b. Academic advisors	QIadvisor	1	Poor	18	7	515	4	311	4	4,411	4	4.9	5.1	-.08	5.2 *	-.15	5.1	-.11	
		2		14	6	693	5	412	5	6,010	5								
		3		19	8	1,086	9	673	8	9,290	8								
		4		27	13	1,698	14	1,120	12	15,165	13								
		5		44	22	2,429	19	1,691	18	21,853	19								
		6		38	18	2,636	21	1,944	21	24,905	21								
		7	Excellent	53	26	2,979	25	2,432	28	30,661	26								
		—	Not applicable	1	1	332	2	197	4	2,461	2								
			Total	214	100	12,368	100	8,780	100	114,756	100								
c. Faculty	QIfaculty	1	Poor	5	3	219	2	154	2	2,055	2	5.3	5.2	.09	5.4	-.03	5.3	.02	
		2		6	2	440	3	243	3	3,434	3								
		3		11	5	923	7	463	5	6,944	6								
		4		34	15	1,803	15	1,116	13	14,555	13								
		5		53	25	3,156	25	2,035	22	27,133	24								
		6		58	27	3,489	28	2,622	29	33,019	28								
		7	Excellent	46	23	2,213	19	2,039	24	26,076	23								
		—	Not applicable	1	1	78	1	77	1	984	1								
			Total	214	100	12,321	100	8,749	100	114,200	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
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	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	8	4	608	5	391	5	5,134	5	5.2	4.9 **	.19	5.0	.12	4.9 *	.14	
		2		6	3	636	5	403	5	5,413	5								
		3		12	5	941	8	620	7	8,320	7								
		4		21	10	1,691	14	1,167	13	15,097	13								
		5		50	23	2,666	21	1,792	19	23,096	20								
		6		59	27	2,526	20	1,907	21	24,824	21								
		7	Excellent	36	17	1,993	16	1,699	19	21,277	18								
		—	Not applicable	22	10	1,270	11	776	12	11,228	11								
	Total			214	100	12,331	100	8,755	100	114,389	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	12	6	657	5	411	5	5,444	5	5.0	4.8 *	.16	4.9	.05	4.9	.10	
		2		12	5	814	6	494	6	6,701	6								
		3		16	8	1,055	9	699	8	9,456	9								
		4		22	9	1,876	15	1,211	14	16,512	15								
		5		45	21	2,584	21	1,794	20	23,381	20								
		6		52	24	2,436	19	2,008	22	24,490	21								
		7	Excellent	42	21	1,864	16	1,779	21	21,761	19								
		—	Not applicable	16	7	1,057	9	367	5	6,743	6								
	Total			217	100	12,343	100	8,763	100	114,488	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic works	empstudy	1	Very little	3	2	176	2	97	1	1,561	2	3.1	3.2	-.07	3.2	-.10	3.2	-.09	
		2	Some	30	15	1,653	15	1,111	14	14,914	15								
		3	Quite a bit	101	51	5,258	45	3,726	45	47,837	44								
		4	Very much	70	32	4,463	38	3,316	39	43,641	39								
			Total			204	100	11,550	100	8,250	100								107,953
b. Providing support to help students succeed academically	SEacademic	1	Very little	6	4	425	4	255	4	3,535	4	3.2	3.1	.11	3.1	.07	3.1	.06	
		2	Some	34	17	2,168	20	1,385	18	18,533	18								
		3	Quite a bit	79	39	4,700	41	3,324	41	42,652	40								
		4	Very much	83	41	4,187	35	3,250	37	42,641	38								
			Total			202	100	11,480	100	8,214	100								107,361
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	8	5	642	6	432	6	5,597	6	3.2	3.1	.10	3.1	.09	3.1	.07	
		2	Some	31	14	1,964	18	1,314	17	17,023	17								
		3	Quite a bit	78	38	4,154	36	2,885	35	37,995	36								
		4	Very much	87	43	4,729	40	3,574	42	46,760	42								
			Total			204	100	11,489	100	8,205	100								107,375

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b						
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU	Great Lakes		Carnegie Class		NSSE 2013	
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
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	24	13	1,404	12	940	13	12,398	12	2.6	2.7	-.10	2.7	-.12	2.7 *	-.14
		2	Some	70	34	3,630	31	2,425	30	31,381	29							
		3	Quite a bit	71	36	3,696	32	2,712	33	35,037	32							
		4	Very much	39	18	2,771	24	2,148	25	28,745	26							
		Total		204	100	11,501	100	8,225	100	107,561	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	6	3	621	6	453	7	5,926	6	3.1	3.0 *	.15	3.0 **	.19	3.0	.14
		2	Some	38	19	2,548	23	1,750	23	22,045	22							
		3	Quite a bit	81	40	4,441	38	3,153	38	40,255	37							
		4	Very much	79	38	3,882	33	2,860	32	39,206	35							
		Total		204	100	11,492	100	8,216	100	107,432	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	6	4	737	6	553	8	6,910	7	3.1	3.0 *	.16	2.9 **	.21	3.0 *	.16
		2	Some	35	18	2,482	22	1,762	23	21,836	21							
		3	Quite a bit	82	41	4,382	38	3,051	36	40,466	38							
		4	Very much	81	38	3,837	33	2,805	33	37,740	34							
		Total		204	100	11,438	100	8,171	100	106,952	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	34	17	2,367	21	1,623	22	20,768	21	2.5	2.4	.12	2.4	.12	2.4	.09
		2	Some	70	34	4,127	36	2,885	34	37,605	35							
		3	Quite a bit	63	31	3,197	28	2,309	28	30,667	28							
		4	Very much	37	18	1,737	15	1,346	16	17,832	16							
		Total		204	100	11,428	100	8,163	100	106,872	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	12	6	800	7	624	10	8,881	9	3.0	2.9 *	.14	2.8 **	.19	2.9	.13
		2	Some	41	20	2,864	25	1,893	24	23,582	23							
		3	Quite a bit	76	38	4,341	38	3,088	37	39,347	36							
		4	Very much	74	35	3,400	30	2,536	29	34,821	31							
		Total		203	100	11,405	100	8,141	100	106,631	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	20	10	1,637	14	1,094	16	14,404	15	2.7	2.5 *	.18	2.6 *	.15	2.6	.12
		2	Some	66	33	3,958	35	2,588	32	33,266	32							
		3	Quite a bit	66	32	3,661	32	2,714	32	35,421	33							
		4	Very much	52	25	2,136	19	1,737	20	23,365	21							
		Total		204	100	11,392	100	8,133	100	106,456	100							

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013		
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	
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	1	1	36	0	29	0	388	0	13.7	14.3	-.07	14.2	-.05	14.3	-.06	
		3	1-5 hrs	28	14	1,543	14	1,087	15	13,919	14								
		8	6-10 hrs	53	26	2,783	24	1,950	25	24,891	24								
	<i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	13	11-15 hrs	49	25	2,439	21	1,777	21	23,025	21								
		18	16-20 hrs	31	15	2,113	18	1,475	18	19,652	18								
		23	21-25 hrs	22	10	1,267	11	946	10	12,422	11								
		28	26-30 hrs	12	6	681	6	499	6	6,752	6								
		33	More than 30 hrs	8	4	620	5	459	6	6,309	6								
			Total	204	100	11,482	100	8,222	100	107,358	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	62	30	3,891	35	2,669	39	34,694	35	5.0	5.0	.00	4.9	.02	5.2	-.03	
		3	1-5 hrs	79	37	4,007	34	2,846	32	36,780	33								
		8	6-10 hrs	35	18	1,773	15	1,224	14	16,747	15								
	<i>(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	13	11-15 hrs	19	9	850	8	672	7	8,817	8								
		18	16-20 hrs	6	4	471	4	404	4	5,078	5								
		23	21-25 hrs	2	1	227	2	207	2	2,438	2								
		28	26-30 hrs	1	0	90	1	71	1	1,006	1								
		33	More than 30 hrs	1	1	91	1	79	1	1,104	1								
			Total	205	100	11,400	100	8,172	100	106,664	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	158	78	9,204	80	6,206	79	82,001	79	2.6	2.6	.01	2.4	.05	2.4	.04	
		3	1-5 hrs	7	4	337	3	447	4	5,324	4								
		8	6-10 hrs	9	4	697	6	755	8	9,204	7								
	<i>(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	13	11-15 hrs	21	9	590	5	439	4	5,320	5								
		18	16-20 hrs	8	4	364	3	214	3	3,510	3								
		23	21-25 hrs	0	0	129	1	73	1	887	1								
		28	26-30 hrs	0	0	51	0	22	0	319	0								
		33	More than 30 hrs	1	1	62	1	44	1	536	1								
			Total	204	100	11,434	100	8,200	100	107,101	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
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	
d. Working for pay off campus	tmworkoffhrs (Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	155	77	7,847	68	5,598	64	75,144	68	3.8	5.2 *	-.15	7.1 ***	-.29	5.6 **	-.18	
		3	1-5 hrs	7	3	539	5	427	5	5,180	5								
		8	6-10 hrs	4	3	606	5	410	5	5,116	5								
		13	11-15 hrs	13	7	637	5	354	4	4,760	5								
		18	16-20 hrs	8	3	686	6	388	5	4,952	5								
		23	21-25 hrs	6	3	433	4	305	5	3,396	4								
		28	26-30 hrs	5	2	252	2	158	2	2,043	2								
		33	More than 30 hrs	5	3	386	4	514	10	5,986	7								
	Total			203	100	11,386	100	8,154	100	106,577	100								
e. Doing community service or volunteer work	tmservicehrs (Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	113	60	6,515	59	4,508	56	57,718	56	2.0	2.2	-.04	2.3	-.06	2.4	-.08	
		3	1-5 hrs	76	35	3,716	31	2,830	33	36,950	33								
		8	6-10 hrs	4	2	558	5	428	6	6,157	6								
		13	11-15 hrs	3	1	250	2	169	2	2,480	2								
		18	16-20 hrs	0	0	142	1	76	1	1,381	1								
		23	21-25 hrs	2	1	67	1	58	1	617	1								
		28	26-30 hrs	0	0	30	0	15	0	247	0								
		33	More than 30 hrs	2	1	27	0	25	0	379	0								
	Total			200	100	11,305	100	8,109	100	105,929	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs (Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	2	1	133	1	119	2	1,828	2	16.5	13.1 ***	.41	12.0 ***	.53	12.4 ***	.48	
		3	1-5 hrs	18	8	2,099	19	1,813	24	22,633	21								
		8	6-10 hrs	40	20	3,054	26	2,158	27	28,758	27								
		13	11-15 hrs	47	23	2,372	21	1,638	19	21,267	20								
		18	16-20 hrs	33	16	1,688	15	1,064	12	14,318	13								
		23	21-25 hrs	31	15	867	8	611	7	7,680	7								
		28	26-30 hrs	8	4	407	4	270	3	3,654	3								
		33	More than 30 hrs	21	13	732	7	469	6	6,125	6								
	Total			200	100	11,352	100	8,142	100	106,263	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	<i>(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	167	84	8,851	76	6,011	70	79,568	73	1.8	2.7 *	-.13	4.4 ***	-.28	3.5 ***	-.21	
		3	1-5 hrs	16	8	1,188	11	885	11	11,104	11								
		8	6-10 hrs	8	4	437	4	355	5	4,358	5								
		13	11-15 hrs	1	1	264	3	190	3	2,595	3								
		18	16-20 hrs	2	1	177	2	138	2	1,752	2								
		23	21-25 hrs	0	0	86	1	81	1	1,001	1								
		28	26-30 hrs	0	0	48	0	59	1	664	1								
		33	More than 30 hrs	5	3	294	3	401	7	5,007	5								
Total				199	100	11,345	100	8,120	100	106,049	100								
h. Commuting to campus (driving, walking, etc.)	<i>(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	94	48	4,152	34	3,857	42	48,044	40	3.0	4.0 *	-.18	3.4	-.07	3.7	-.12	
		3	1-5 hrs	77	36	4,881	44	3,019	41	39,704	39								
		8	6-10 hrs	22	11	1,453	13	750	10	11,069	12								
		13	11-15 hrs	5	2	466	4	234	3	3,796	4								
		18	16-20 hrs	0	0	224	2	127	2	1,744	2								
		23	21-25 hrs	2	1	92	1	68	1	831	1								
		28	26-30 hrs	0	0	40	0	29	0	402	0								
		33	More than 30 hrs	3	2	91	1	70	1	955	1								
Total				203	100	11,399	100	8,154	100	106,545	100								
Estimated number of hours working for pay	tmworkhrs	<i>(Continuous variable created by NSSE)</i>		6.4		7.7	-.11	9.4 ***	-.24	7.9 *	-.13								
16. Of the time you spend preparing for class in a typical 7-day week, about how many hours are on assigned reading?																			
	<i>(Recoded version of tmread created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	9	4	476	4	230	3	3,148	3	6.1	6.0	.01	6.6	-.10	6.4	-.07	
		3	1-5 hrs	115	56	6,495	57	4,280	52	56,128	54								
		8	6-10 hrs	52	26	2,831	24	2,298	27	29,292	26								
		13	11-15 hrs	14	6	988	8	801	10	10,878	10								
		18	16-20 hrs	11	6	404	4	373	4	4,699	4								
		23	21-25 hrs	1	0	153	1	125	2	1,664	1								
		28	26-30 hrs	0	0	45	0	46	1	628	1								
		33	More than 30 hrs	2	1	47	0	53	1	591	1								
Total				204	100	11,439	100	8,206	100	107,028	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	12	6	891	8	538	7	7,711	8	2.9	2.8	.06	2.9	-.04	2.9	-.02
		2	Some	49	25	3,060	27	2,001	24	25,973	24							
		3	Quite a bit	93	45	4,692	40	3,323	40	42,713	39							
		4	Very much	48	24	2,793	24	2,337	29	30,605	28							
		Total		202	100	11,436	100	8,199	100	107,002	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	32	16	1,421	12	746	10	11,614	11	2.5	2.6 *	-.15	2.7 ***	-.26	2.7 **	-.22
		2	Some	64	33	3,637	32	2,367	29	31,792	30							
		3	Quite a bit	75	35	4,172	37	3,192	38	39,232	36							
		4	Very much	30	15	2,165	19	1,870	23	24,036	23							
		Total		201	100	11,395	100	8,175	100	106,674	100							
c. Thinking critically and analytically	pgthink	1	Very little	10	6	387	4	255	4	3,321	3	3.0	3.1	-.09	3.1 *	-.14	3.1 *	-.15
		2	Some	36	19	2,209	20	1,444	18	18,800	18							
		3	Quite a bit	97	47	5,120	44	3,567	43	45,094	42							
		4	Very much	59	29	3,695	33	2,906	35	39,419	36							
		Total		202	100	11,411	100	8,172	100	106,634	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	48	23	1,571	13	1,066	13	15,805	14	2.3	2.6 ***	-.37	2.6 ***	-.37	2.6 ***	-.36
		2	Some	71	37	3,593	31	2,581	32	33,284	31							
		3	Quite a bit	59	28	3,983	35	2,849	35	35,161	34							
		4	Very much	23	11	2,257	21	1,680	21	22,374	22							
		Total		201	100	11,404	100	8,176	100	106,624	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	34	17	1,527	14	1,001	14	13,337	14	2.5	2.6 *	-.17	2.7 **	-.21	2.7 **	-.21
		2	Some	70	36	3,612	32	2,383	30	32,070	30							
		3	Quite a bit	64	32	3,884	34	2,907	34	36,473	34							
		4	Very much	33	15	2,395	21	1,890	22	24,806	23							
		Total		201	100	11,418	100	8,181	100	106,686	100							
f. Working effectively with others	pgothers	1	Very little	13	7	787	7	493	7	7,112	7	2.8	2.8	-.04	2.9	-.08	2.8	-.07
		2	Some	54	27	3,160	28	2,131	27	28,127	27							
		3	Quite a bit	90	47	4,529	39	3,278	39	41,937	39							
		4	Very much	42	19	2,914	25	2,257	27	29,253	27							
		Total		199	100	11,390	100	8,159	100	106,429	100							

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	36	19	1,633	15	869	12	11,990	13	2.4	2.6 *	-.17	2.7 ***	-.28	2.7 ***	-.29	
		2	Some	68	34	3,521	31	2,295	29	28,961	28								
		3	Quite a bit	63	31	3,888	34	2,932	35	36,954	34								
		4	Very much	33	16	2,346	21	2,054	24	28,608	25								
		Total		200	100	11,388	100	8,150	100	106,513	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	35	18	1,364	12	848	11	11,465	11	2.5	2.7 **	-.21	2.7 ***	-.27	2.7 ***	-.27	
		2	Some	72	34	3,518	31	2,363	29	30,567	29								
		3	Quite a bit	58	29	3,877	34	2,898	35	36,571	34								
		4	Very much	37	18	2,640	23	2,051	25	28,016	26								
		Total		202	100	11,399	100	8,160	100	106,619	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	36	18	1,506	13	958	13	12,639	13	2.5	2.6	-.14	2.6 *	-.14	2.6 *	-.17	
		2	Some	67	32	3,736	32	2,717	34	34,323	32								
		3	Quite a bit	69	35	3,972	34	2,844	34	36,714	34								
		4	Very much	30	15	2,171	20	1,633	20	22,815	21								
		Total		202	100	11,385	100	8,152	100	106,491	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	28	14	1,456	13	924	12	12,198	12	2.6	2.6	-.02	2.7	-.07	2.7	-.08	
		2	Some	62	30	3,733	32	2,585	32	32,684	31								
		3	Quite a bit	75	39	3,955	35	2,845	35	37,144	34								
		4	Very much	36	17	2,195	20	1,763	22	24,062	22								
		Total		201	100	11,339	100	8,117	100	106,088	100								
18. How would you evaluate your entire educational experience at this institution?																			
evalexp		1	Poor	3	2	189	2	132	2	1,631	2	3.2	3.2	-.06	3.2	-.11	3.3	-.13	
		2	Fair	27	13	1,273	11	845	11	10,599	11								
		3	Good	105	53	5,901	51	3,962	49	49,531	48								
		4	Excellent	68	33	4,078	35	3,268	38	45,229	40								
		Total		203	100	11,441	100	8,207	100	106,990	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	406	4	311	4	3,756	4	3.3	3.2	.09	3.2	.10	3.3	.06	
		2	Probably no	21	10	1,296	11	973	11	11,816	11								
		3	Probably yes	76	39	4,780	42	3,355	42	41,165	39								
		4	Definitely yes	100	48	4,967	43	3,578	43	50,366	45								
		Total		203	100	11,449	100	8,217	100	107,103	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	6	2	351	2	224	2	4,224	2	3.1	3.1	-.06	3.3 ***	-.22	3.2	-.10	
		2	Sometimes	74	25	4,302	24	2,664	18	42,410	22								
		3	Often	105	34	5,843	32	4,632	31	61,287	31								
		4	Very often	125	39	7,898	42	7,169	49	90,135	45								
		Total		310	100	18,394	100	14,689	100	198,056	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	54	18	4,006	23	2,421	16	38,138	19	2.5	2.4 *	.13	2.6	-.07	2.5	.02	
		2	Sometimes	106	34	6,610	36	4,930	33	68,088	34								
		3	Often	85	27	4,392	24	3,977	27	50,434	26								
		4	Very often	64	21	3,273	18	3,291	23	40,506	21								
		Total		309	100	18,281	100	14,619	100	197,166	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	20	6	1,083	6	686	5	10,639	6	3.0	3.0	-.03	3.1 **	-.19	3.0	-.09	
		2	Often	38	13	2,520	14	1,598	11	24,925	13								
		3	Sometimes	188	60	10,169	55	8,047	54	107,872	55								
		4	Never	65	21	4,480	24	4,253	30	53,266	27								
		Total		311	100	18,252	100	14,584	100	196,702	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	109	35	8,329	46	6,039	43	81,002	43	2.0	1.8 ***	.23	1.9 **	.17	1.9 **	.16	
		2	Sometimes	126	41	6,576	36	5,360	36	72,795	37								
		3	Often	37	12	1,993	11	1,957	13	25,950	13								
		4	Very often	37	12	1,323	7	1,203	8	16,791	8								
		Total		309	100	18,221	100	14,559	100	196,538	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	32	11	2,216	13	1,837	14	29,415	15	2.4	2.4	.04	2.4	.10	2.4	.10	
		2	Sometimes	145	47	8,380	46	6,865	48	89,729	46								
		3	Often	90	29	5,175	28	3,950	26	51,338	25								
		4	Very often	41	13	2,439	13	1,902	12	25,843	13								
		Total		308	100	18,210	100	14,554	100	196,325	100								
f. Explained course material to one or more students	CLexplain	1	Never	6	2	741	4	650	5	12,226	6	2.9	2.8	.10	2.7 **	.18	2.7 **	.17	
		2	Sometimes	111	37	6,386	36	5,379	39	71,076	38								
		3	Often	108	35	6,912	38	5,378	37	69,889	36								
		4	Very often	80	26	3,817	22	2,904	20	39,643	20								
		Total		305	100	17,856	100	14,311	100	192,834	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	47	16	3,307	19	2,502	19	38,032	20	2.5	2.4	.08	2.4	.07	2.4	.08	
		2	Sometimes	115	38	6,638	37	5,068	36	68,565	36								
		3	Often	82	27	4,767	26	3,983	27	50,420	26								
		4	Very often	64	19	3,188	18	2,760	18	36,024	18								
		Total		308	100	17,900	100	14,313	100	193,041	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	14	4	1,022	6	850	7	14,900	7	2.8	2.9	-.09	2.8	-.01	2.9	-.06	
		2	Sometimes	104	35	5,111	29	4,386	32	57,100	30								
		3	Often	112	36	6,523	36	5,072	35	64,788	33								
		4	Very often	78	24	5,208	29	3,974	26	55,821	30								
		Total		308	100	17,864	100	14,282	100	192,609	100								
i. Gave a course presentation	present	1	Never	27	10	1,909	11	1,464	12	25,991	14	2.7	2.7	.07	2.7	.03	2.6	.10	
		2	Sometimes	98	32	5,929	34	4,377	31	60,599	32								
		3	Often	100	33	5,803	32	4,734	33	59,269	30								
		4	Very often	82	25	4,198	23	3,678	25	46,256	24								
		Total		307	100	17,839	100	14,253	100	192,115	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	5	2	456	3	434	3	5,769	3	3.1	3.0	.03	3.0	.07	3.0	.06	
		2	Sometimes	77	26	4,311	25	3,499	25	47,634	25								
		3	Often	108	37	6,975	40	5,582	39	74,283	39								
		4	Very often	110	35	5,846	33	4,597	32	62,199	33								
		Total		300	100	17,588	100	14,112	100	189,885	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	10	4	1,124	7	726	6	10,435	6	3.0	2.8 **	.17	2.9	.08	2.9	.10	
		2	Sometimes	83	28	5,515	32	3,992	29	55,155	30								
		3	Often	113	38	6,221	36	5,200	37	68,289	36								
		4	Very often	92	30	4,526	26	4,043	28	53,836	28								
		Total		298	100	17,386	100	13,961	100	187,715	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	33	11	2,055	12	1,154	9	17,891	11	2.7	2.6	.09	2.7	-.05	2.7	.00	
		2	Sometimes	93	32	6,256	36	4,535	32	62,947	34								
		3	Often	93	32	5,306	30	4,831	34	60,964	32								
		4	Very often	77	24	3,806	22	3,466	24	46,240	24								
		Total		296	100	17,423	100	13,986	100	188,042	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
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	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	11	4	878	5	517	4	7,792	4	2.9	2.8 *	.15	2.9	.06	2.9	.08	
		2	Sometimes	87	29	5,494	31	3,933	28	54,143	29								
		3	Often	110	37	6,968	40	5,884	42	77,192	41								
		4	Very often	91	31	4,049	24	3,616	26	48,602	26								
		Total		299	100	17,389	100	13,950	100	187,729	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	7	3	660	4	388	3	5,897	3	3.0	2.9 *	.12	3.0	.05	3.0	.07	
		2	Sometimes	80	27	4,933	28	3,527	26	49,420	26								
		3	Often	109	37	7,152	41	6,032	43	78,351	41								
		4	Very often	102	33	4,606	27	4,014	29	53,776	29								
		Total		298	100	17,351	100	13,961	100	187,444	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	5	2	409	3	253	2	3,613	2	2.9	2.9	.03	3.0	-.03	3.0	-.04	
		2	Sometimes	95	33	5,269	31	3,856	28	51,497	28								
		3	Often	111	37	7,142	41	5,904	42	78,255	41								
		4	Very often	87	29	4,474	26	3,913	28	53,537	28								
		Total		298	100	17,294	100	13,926	100	186,902	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	1	0	187	1	124	1	1,654	1	3.3	3.2 *	.15	3.3 *	.12	3.3	.11	
		2	Sometimes	38	13	2,674	16	1,946	15	26,446	15								
		3	Often	112	39	7,329	42	5,891	43	77,656	41								
		4	Very often	143	48	7,046	41	5,901	42	80,410	43								
		Total		294	100	17,236	100	13,862	100	186,166	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	15	2,905	18	2,263	18	33,707	19	2.6	2.4 *	.14	2.4 *	.13	2.4 **	.16	
		2	Sometimes	100	34	6,863	40	5,262	38	72,571	39								
		3	Often	89	30	4,377	25	3,666	25	46,133	24								
		4	Very often	63	20	3,141	17	2,705	18	34,265	17								
		Total		295	100	17,286	100	13,896	100	186,676	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	100	34	7,775	46	6,134	47	84,978	47	2.1	1.9 ***	.20	1.9 ***	.21	1.9 ***	.23	
		2	Sometimes	101	36	4,877	28	3,889	27	51,755	27								
		3	Often	46	15	2,572	15	2,145	15	27,616	14								
		4	Very often	47	16	1,995	11	1,673	11	21,613	11								
		Total		294	100	17,219	100	13,841	100	185,962	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	60	21	4,324	25	3,454	27	50,796	29	2.3	2.2 *	.13	2.2 *	.12	2.2 **	.16	
		2	Sometimes	122	41	7,161	42	5,465	39	73,343	39								
		3	Often	70	23	3,611	21	3,034	21	38,427	20								
		4	Very often	43	14	2,110	12	1,892	13	23,360	12								
		Total		295	100	17,206	100	13,845	100	185,926	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	51	19	4,102	25	2,875	22	42,990	24	2.3	2.2 **	.17	2.2	.10	2.2 *	.15	
		2	Sometimes	130	43	7,533	44	6,060	44	81,684	44								
		3	Often	74	25	3,606	21	3,095	22	38,864	21								
		4	Very often	40	14	1,926	11	1,792	13	21,939	12								
		Total		295	100	17,167	100	13,822	100	185,477	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	27	8	1,430	8	1,269	9	17,791	10	2.7	2.8	-.04	2.7	.02	2.7	.01	
		2	Some	86	31	5,310	31	4,459	33	59,414	32								
		3	Quite a bit	121	41	6,555	38	5,172	37	68,139	37								
		4	Very much	61	19	3,907	23	2,966	21	40,638	22								
		Total		295	100	17,202	100	13,866	100	185,982	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	6	2	463	3	307	2	4,498	3	3.1	3.1	.01	3.2	-.03	3.2	-.03	
		2	Some	49	18	3,081	18	2,289	17	31,392	17								
		3	Quite a bit	131	45	7,280	42	5,934	43	78,537	42								
		4	Very much	109	35	6,313	37	5,266	37	70,693	38								
		Total		295	100	17,137	100	13,796	100	185,120	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	9	3	639	4	398	3	5,816	3	3.1	3.1	.03	3.1	-.03	3.1	-.04	
		2	Some	59	21	3,518	20	2,595	19	34,605	19								
		3	Quite a bit	113	40	6,970	41	5,626	41	74,599	40								
		4	Very much	111	36	5,953	35	5,141	37	69,678	37								
		Total		292	100	17,080	100	13,760	100	184,698	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	18	7	1,026	6	544	4	8,666	5	2.9	2.9	.03	3.0 *	-.12	3.0	-.08	
		2	Some	71	24	4,392	26	2,976	22	41,551	23								
		3	Quite a bit	116	41	6,917	40	5,775	42	74,997	40								
		4	Very much	88	29	4,758	28	4,489	32	59,622	32								
		Total		293	100	17,093	100	13,784	100	184,836	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
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. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	18	6	858	5	513	4	7,594	4	2.9	2.9	-.02	3.0 *	-.13	3.0	-.11	
		2	Some	68	24	4,339	26	3,032	23	41,834	23								
		3	Quite a bit	120	42	7,023	41	5,770	42	75,880	41								
		4	Very much	87	27	4,841	28	4,424	32	59,086	32								
		Total		293	100	17,061	100	13,739	100	184,394	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	351	2	256	2	3,445	2	3.2	3.2	.08	3.2	-.03	3.2	.01	
		2	Some	45	15	2,930	17	1,941	14	27,602	15								
		3	Quite a bit	117	40	7,610	44	5,881	42	78,551	42								
		4	Very much	124	42	6,336	37	5,816	42	76,458	41								
		Total		292	100	17,227	100	13,894	100	186,056	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	8	3	456	3	327	2	4,345	3	3.2	3.1	.07	3.2	-.05	3.2	-.01	
		2	Some	47	16	3,109	18	2,013	15	28,782	16								
		3	Quite a bit	126	44	7,923	46	6,084	44	81,713	44								
		4	Very much	109	37	5,692	34	5,408	39	70,650	38								
		Total		290	100	17,180	100	13,832	100	185,490	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	12	4	537	3	410	3	5,718	3	3.2	3.1	.10	3.2	.04	3.2	.07	
		2	Some	38	13	3,050	18	2,193	16	31,237	17								
		3	Quite a bit	111	38	7,095	41	5,412	39	72,521	39								
		4	Very much	130	44	6,447	38	5,807	42	75,677	41								
		Total		291	100	17,129	100	13,822	100	185,153	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	31	10	1,893	11	1,190	9	18,887	11	2.8	2.7	.08	2.9	-.08	2.8	.01	
		2	Some	76	28	5,011	30	3,441	25	50,163	27								
		3	Quite a bit	98	31	5,695	33	4,721	34	60,501	32								
		4	Very much	87	30	4,535	26	4,472	32	55,561	30								
		Total		292	100	17,134	100	13,824	100	185,112	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	18	6	1,213	7	806	6	11,614	7	3.0	2.9 *	.12	3.0	-.01	2.9	.05	
		2	Some	64	22	4,638	27	3,184	23	46,001	25								
		3	Quite a bit	117	40	6,660	38	5,363	38	70,859	38								
		4	Very much	92	31	4,586	27	4,434	32	56,092	30								
		Total		291	100	17,097	100	13,787	100	184,566	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	39	12	2,448	14	1,742	12	25,761	13	2.6	2.6	-.01	2.6	-.03	2.6	-.02	
		2	Sometimes	110	36	5,833	33	4,654	33	62,267	33								
		3	Often	85	30	5,494	32	4,582	33	59,061	32								
		4	Very often	60	21	3,417	21	2,899	21	38,720	22								
			Total	294	100	17,192	100	13,877	100	185,809	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	57	19	3,553	20	2,416	17	36,154	19	2.5	2.4	.07	2.4	.01	2.4	.04	
		2	Sometimes	103	33	6,435	37	5,198	37	69,366	37								
		3	Often	85	30	4,522	27	3,933	29	49,845	27								
		4	Very often	49	18	2,659	16	2,294	17	30,083	17								
			Total	294	100	17,169	100	13,841	100	185,448	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	56	19	3,280	18	2,428	18	34,285	18	2.5	2.4	.06	2.4	.05	2.4	.04	
		2	Sometimes	113	37	6,646	38	5,339	39	71,414	38								
		3	Often	71	25	4,788	28	3,968	28	51,554	28								
		4	Very often	54	19	2,395	15	2,058	15	27,630	15								
			Total	294	100	17,109	100	13,793	100	184,883	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum	0	None	17	6	848	6	595	5	8,410	6	7.4	7.7	-.04	7.8	-.06	7.9	-.07	
		1.5	1-2	72	26	3,005	19	2,288	19	30,797	19								
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	69	25	4,474	28	3,509	28	46,511	27								
		8	6-10	45	17	3,363	21	2,757	22	37,309	21								
		13	11-15	22	8	1,745	11	1,416	11	18,966	11								
		18	16-20	19	7	1,024	7	901	7	11,619	7								
		23	More than 20	30	11	1,321	8	1,180	9	16,455	10								
			Total	274	100	15,780	100	12,646	100	170,067	100								
b. Between 6 and 10 pages	wrmednum	0	None	72	26	3,333	21	2,273	19	32,513	21	3.1	3.2	-.03	3.6	-.11	3.7 *	-.13	
		1.5	1-2	99	35	5,906	38	4,544	36	59,473	35								
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	64	24	3,999	26	3,418	26	45,046	26								
		8	6-10	27	10	1,527	10	1,569	12	19,878	12								
		13	11-15	11	4	458	3	450	4	6,113	4								
		18	16-20	2	1	160	1	183	2	2,551	2								
		23	More than 20	1	0	133	1	142	1	2,281	2								
			Total	276	100	15,516	100	12,579	100	167,855	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a						Statistical Comparisons ^b									
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. 11 pages or more	wrlongnum (Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	138	51	6,659	43	4,972	42	68,634	43	1.4	1.8 **	-.13	2.0 ***	-.18	2.0 ***	-.18	
		1.5	1-2	92	34	5,980	39	4,867	38	63,123	37								
		4	3-5	30	11	1,685	11	1,546	12	20,380	12								
		8	6-10	9	4	500	3	447	4	6,223	4								
		13	11-15	1	0	192	1	203	2	2,686	2								
		18	16-20	0	0	99	1	125	1	1,387	1								
		23	More than 20	1	0	125	1	133	1	1,861	1								
Total				271	100	15,240	100	12,293	100	164,294	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)																		
				66		73		-.09		79 **		-.15		80 **		-.16			
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	21	8	928	6	734	6	8,906	5	2.5	3.0 ***	-.49	3.0 ***	-.49	3.1 ***	-.61	
		2	Sometimes	136	48	4,541	27	3,362	26	41,985	23								
		3	Often	76	25	4,674	29	3,851	29	49,734	28								
		4	Very often	56	19	6,164	39	5,279	39	75,930	44								
		Total				289	100	16,307	100	13,226	100								176,555
b. People from an economic background other than your own	DDeconomic	1	Never	10	4	655	4	528	4	7,224	4	2.9	3.1 **	-.17	3.1 **	-.17	3.1 ***	-.24	
		2	Sometimes	80	29	3,947	24	3,046	24	38,188	21								
		3	Often	118	40	5,571	34	4,515	34	58,292	33								
		4	Very often	80	27	6,100	38	5,107	38	72,455	42								
		Total				288	100	16,273	100	13,196	100								176,159
c. People with religious beliefs other than your own	DDreligion	1	Never	14	5	900	6	713	6	11,246	6	2.9	3.0 *	-.13	3.0 *	-.12	3.0 *	-.15	
		2	Sometimes	86	32	4,116	25	3,281	25	45,195	24								
		3	Often	93	31	5,078	31	4,095	31	51,051	29								
		4	Very often	95	32	6,128	38	5,074	38	68,189	40								
		Total				288	100	16,222	100	13,163	100								175,681
d. People with political views other than your own	DDpolitical	1	Never	14	5	771	5	616	5	8,657	5	3.0	3.1	-.09	3.1	-.08	3.1	-.10	
		2	Sometimes	72	26	3,686	23	2,961	23	41,416	23								
		3	Often	101	35	5,367	33	4,337	33	55,170	31								
		4	Very often	101	34	6,344	40	5,220	39	69,890	41								
		Total				288	100	16,168	100	13,134	100								175,133

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
				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	3	1	391	3	185	1	2,956	2	3.2	3.2	.04	3.3	-.11	3.3	-.08
		2	Sometimes	45	17	2,751	17	1,760	13	24,781	14							
		3	Often	115	40	6,449	40	5,108	39	66,853	38							
		4	Very often	125	41	6,643	41	6,142	46	81,278	46							
		Total		288	100	16,234	100	13,195	100	175,868	100							
b. Reviewed your notes after class	LSnotes	1	Never	23	9	1,149	7	791	6	12,235	7	2.9	2.9	.07	3.0	-.05	2.9	.01
		2	Sometimes	71	25	4,941	31	3,564	26	50,509	28							
		3	Often	86	31	4,966	31	4,113	31	53,998	31							
		4	Very often	107	35	5,137	31	4,679	36	58,622	34							
		Total		287	100	16,193	100	13,147	100	175,364	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	10	3	1,203	8	745	6	11,201	7	2.9	2.8	.06	3.0	-.07	2.9	-.03
		2	Sometimes	87	31	4,709	29	3,416	26	47,787	27							
		3	Often	106	38	5,562	35	4,532	35	59,729	34							
		4	Very often	83	27	4,590	28	4,333	33	55,136	32							
		Total		286	100	16,064	100	13,026	100	173,853	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	107	1	59	1	917	1	5.6	5.6	-.01	5.7 **	-.17	5.7 *	-.13
		2		0	0	250	2	138	1	2,058	1							
		3		11	4	494	3	346	3	4,636	3							
		4		28	10	1,406	9	975	7	13,384	8							
		5		90	31	4,711	29	3,338	25	46,081	26							
		6		98	34	5,403	33	4,389	33	57,740	32							
		7	Very much	60	20	3,808	24	3,885	30	50,532	29							
		Total		287	100	16,179	100	13,130	100	175,348	100							

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU	Great Lakes		Carnegie Class	NSSE 2013		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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 (Means indicate the percentage who responded "Done or in progress.")	Have not decided		18	6	947	6	1,079	9	13,512	8	42%	53% ***	-.23	46%	-.09	48%	-.11
			Do not plan to do	60	22	2,674	17	2,786	23	33,536	20							
			Plan to do	84	29	3,737	23	2,809	22	40,776	24							
			Done or in progress	125	42	8,835	53	6,481	46	87,593	48							
			Total	287	100	16,193	100	13,155	100	175,417	100							
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		19	7	1,355	9	1,270	10	17,805	11	40%	37%	.07	31% **	.18	34% *	.13
			Do not plan to do	137	47	7,857	49	6,424	51	81,740	48							
			Plan to do	16	5	973	6	891	7	12,342	7							
			Done or in progress	114	40	5,982	37	4,534	31	63,106	34							
			Total	286	100	16,167	100	13,119	100	174,993	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		27	9	1,565	10	1,581	13	21,241	13	28%	26%	.02	23%	.09	24%	.09
			Do not plan to do	151	54	9,093	57	7,174	56	95,655	55							
			Plan to do	27	10	1,048	7	1,077	8	14,245	9							
			Done or in progress	82	28	4,407	26	3,273	23	43,536	24							
			Total	287	100	16,113	100	13,105	100	174,677	100							
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")	Have not decided		26	9	1,601	10	1,451	11	19,596	12	13%	12%	.01	12%	.03	13%	.00
			Do not plan to do	195	70	11,524	72	9,098	70	117,921	68							
			Plan to do	24	8	969	6	822	7	12,074	7							
			Done or in progress	39	13	2,018	12	1,718	12	24,931	13							
			Total	284	100	16,112	100	13,089	100	174,522	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		43	14	2,228	14	1,856	15	25,864	16	22%	24%	-.04	23%	-.01	23%	-.01
			Do not plan to do	154	53	8,182	51	6,649	51	85,668	49							
			Plan to do	25	10	1,826	12	1,422	12	20,586	13							
			Done or in progress	63	22	3,816	24	3,121	23	41,676	23							
			Total	285	100	16,052	100	13,048	100	173,794	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		25	9	1,158	8	1,012	8	15,918	10	42%	49% *	-.15	47%	-.10	45%	-.06
			Do not plan to do	70	25	2,894	19	2,560	20	36,274	21							
			Plan to do	70	25	3,883	24	3,111	25	41,045	24							
			Done or in progress	119	42	8,156	49	6,408	47	81,122	45							
			Total	284	100	16,091	100	13,091	100	174,359	100							

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
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	
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse	1	None	81	30	6,255	40	4,337	35	65,662	40	1.8	1.7 ***	.21	1.8	.09	1.7 **	.18	
		2	Some	160	56	8,155	49	7,007	52	89,576	50								
		3	Most	39	12	1,549	9	1,539	11	16,645	9								
		4	All	4	1	170	1	189	1	2,613	1								
			Total	284	100	16,129	100	13,072	100	174,496	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	3	1	162	1	110	1	1,790	1	5.7	5.7	.01	5.8	-.10	5.7	-.06	
		2		3	1	267	2	178	2	2,528	2								
		3		9	4	610	4	429	3	6,080	4								
		4		26	9	1,387	9	950	8	13,930	8								
		5		66	23	3,607	22	2,621	20	35,521	20								
		6		95	32	5,245	32	3,970	30	53,477	30								
		7	Excellent	84	29	4,767	30	4,750	36	59,450	34								
		—	Not applicable	1	0	142	1	135	1	2,522	1								
			Total	287	100	16,187	100	13,143	100	175,298	100								
b. Academic advisors	QIadvisor	1	Poor	21	7	1,005	6	566	5	8,464	5	4.9	5.0	-.04	5.4 ***	-.30	5.2 **	-.19	
		2		21	7	1,078	7	562	4	9,042	5								
		3		24	9	1,401	9	763	6	12,534	7								
		4		39	14	2,097	13	1,266	10	19,701	11								
		5		45	15	2,912	18	2,118	16	29,783	17								
		6		59	21	3,420	21	2,919	22	36,967	21								
		7	Excellent	75	26	3,992	25	4,719	36	55,884	32								
		—	Not applicable	2	1	241	2	205	2	2,563	1								
			Total	286	100	16,146	100	13,118	100	174,938	100								
c. Faculty	QIfaculty	1	Poor	4	2	242	2	152	1	2,312	2	5.5	5.5	.02	5.7 *	-.13	5.6	-.05	
		2		1	0	323	2	251	2	3,440	2								
		3		18	7	707	5	450	4	7,075	4								
		4		31	10	1,694	10	1,077	8	16,093	10								
		5		57	19	3,829	24	2,584	20	36,330	21								
		6		105	38	5,185	32	4,160	32	54,653	31								
		7	Excellent	69	24	3,998	25	4,260	33	52,700	30								
		—	Not applicable	1	0	82	1	92	1	1,366	1								
			Total	286	100	16,060	100	13,026	100	173,969	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
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	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	9	3	772	5	610	5	8,468	5	5.1	4.8 ***	.20	4.9	.10	4.9 *	.14	
		2		13	4	799	5	583	4	8,337	5								
		3		18	6	1,149	7	855	6	11,786	7								
		4		37	13	2,135	13	1,492	11	21,435	12								
		5		65	23	2,915	18	2,200	16	30,811	17								
		6		64	24	2,892	17	2,400	17	31,377	17								
		7	Excellent	56	19	2,121	13	2,371	18	29,441	17								
		—	Not applicable	24	8	3,293	21	2,574	22	32,729	20								
	Total			286	100	16,076	100	13,085	100	174,384	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	10	4	972	6	689	6	9,452	6	5.0	4.7 **	.17	5.0	.00	4.9	.07	
		2		14	5	1,039	6	669	5	10,084	6								
		3		17	6	1,505	9	993	8	14,352	8								
		4		45	15	2,560	16	1,780	13	24,931	14								
		5		75	25	3,399	21	2,561	19	35,568	20								
		6		73	26	3,342	20	2,973	22	37,417	21								
		7	Excellent	45	16	2,314	15	2,892	22	35,208	20								
		—	Not applicable	6	2	1,000	7	530	4	7,643	5								
	Total			285	100	16,131	100	13,087	100	174,655	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic works	empstudy	1	Very little	8	3	335	2	216	2	3,249	2	3.1	3.1	-.07	3.2 *	-.15	3.2 *	-.14	
		2	Some	48	17	2,725	18	1,849	15	25,787	16								
		3	Quite a bit	138	51	7,001	45	5,775	46	73,241	44								
		4	Very much	84	29	5,322	34	4,740	37	64,966	38								
			Total			278	100	15,383	100	12,580	100								167,243
b. Providing support to help students succeed academically	SEacademic	1	Very little	14	5	772	5	541	5	7,566	5	3.0	2.9	.10	3.0	.02	3.0	.03	
		2	Some	49	18	3,704	25	2,654	22	35,687	23								
		3	Quite a bit	136	49	6,554	43	5,252	42	68,781	41								
		4	Very much	79	28	4,231	27	4,036	31	54,067	31								
			Total			278	100	15,261	100	12,483	100								166,101
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	22	8	1,501	10	1,100	9	13,561	9	2.9	2.8 **	.16	2.9	.10	2.9	.06	
		2	Some	55	19	4,016	27	3,006	25	39,007	24								
		3	Quite a bit	119	43	5,711	37	4,586	36	61,686	37								
		4	Very much	83	29	4,041	26	3,814	29	52,059	31								
			Total			279	100	15,269	100	12,506	100								166,313

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	51	18	2,727	18	1,890	16	26,352	16	2.4	2.5 *	-.12	2.6 **	-.19	2.6 ***	-.20	
		2	Some	112	41	5,213	33	3,981	32	52,850	31								
		3	Quite a bit	72	26	4,500	30	3,909	31	49,989	30								
		4	Very much	43	15	2,872	19	2,744	21	37,368	22								
		Total		278	100	15,312	100	12,524	100	166,559	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	16	6	1,178	8	1,038	9	14,133	9	3.0	2.9 **	.15	2.8 ***	.20	2.8 **	.16	
		2	Some	57	20	3,965	26	3,224	27	40,983	25								
		3	Quite a bit	114	41	5,922	38	4,769	37	62,060	37								
		4	Very much	92	32	4,238	28	3,469	27	49,304	29								
		Total		279	100	15,303	100	12,500	100	166,480	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	20	8	1,726	12	1,490	13	18,855	12	2.9	2.8 **	.18	2.7 ***	.23	2.8 **	.19	
		2	Some	59	21	4,123	26	3,280	27	42,675	26								
		3	Quite a bit	108	41	5,479	36	4,507	35	58,970	35								
		4	Very much	88	31	3,921	26	3,183	25	45,213	27								
		Total		275	100	15,249	100	12,460	100	165,713	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	84	30	5,687	37	4,109	34	54,194	34	2.1	2.0	.10	2.1	.00	2.1	.00	
		2	Some	106	38	5,374	35	4,259	33	57,261	34								
		3	Quite a bit	64	24	2,812	19	2,610	21	34,459	20								
		4	Very much	23	8	1,365	9	1,491	12	19,767	12								
		Total		277	100	15,238	100	12,469	100	165,681	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	22	8	1,996	14	1,948	17	24,719	16	2.8	2.6 **	.18	2.6 ***	.24	2.6 ***	.18	
		2	Some	66	25	4,720	30	3,559	29	44,737	28								
		3	Quite a bit	126	45	5,262	34	4,183	33	55,942	33								
		4	Very much	60	22	3,211	22	2,739	21	39,821	23								
		Total		274	100	15,189	100	12,429	100	165,219	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	25	9	2,735	18	2,365	20	30,587	20	2.6	2.4 ***	.24	2.4 ***	.19	2.4 ***	.20	
		2	Some	100	36	5,858	38	4,170	34	56,784	35								
		3	Quite a bit	105	40	4,472	29	3,778	30	49,492	29								
		4	Very much	43	15	2,108	14	2,092	16	28,136	16								
		Total		273	100	15,173	100	12,405	100	164,999	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
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	
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	50	0	32	0	485	0	14.4	14.6	-.02	14.7	-.03	15.0	-.06	
		3	1-5 hrs	37	15	2,124	14	1,628	14	21,673	14								
		8	6-10 hrs	71	25	3,690	24	2,905	24	38,317	23								
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	13	11-15 hrs	49	19	3,133	20	2,638	21	33,366	20								
		18	16-20 hrs	56	20	2,605	17	2,281	18	29,453	17								
		23	21-25 hrs	29	10	1,591	10	1,319	10	18,080	11								
		28	26-30 hrs	17	6	947	6	799	6	11,339	7								
		33	More than 30 hrs	19	7	1,135	8	893	7	13,592	8								
			Total	278	100	15,275	100	12,495	100	166,305	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	97	36	6,838	45	5,913	51	75,262	48	5.0	4.3	.11	3.9 **	.16	4.2 *	.12	
		3	1-5 hrs	102	36	4,678	31	3,458	26	47,327	28								
		8	6-10 hrs	33	13	1,699	11	1,351	10	19,354	11								
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	13	11-15 hrs	17	7	877	6	693	5	10,274	6								
		18	16-20 hrs	11	4	546	4	506	4	6,385	4								
		23	21-25 hrs	5	2	262	2	238	2	3,190	2								
		28	26-30 hrs	5	2	122	1	125	1	1,493	1								
		33	More than 30 hrs	3	1	181	1	147	1	2,061	1								
			Total	273	100	15,203	100	12,431	100	165,346	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	167	61	11,010	72	8,935	75	117,029	73	5.8	4.1 **	.21	3.3 ***	.35	3.6 ***	.31	
		3	1-5 hrs	11	4	547	3	603	4	7,786	4								
		8	6-10 hrs	19	7	1,034	7	1,032	7	13,916	7								
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	13	11-15 hrs	28	10	921	6	704	5	9,994	5								
		18	16-20 hrs	37	13	920	6	686	5	10,499	6								
		23	21-25 hrs	8	3	378	3	205	2	2,871	2								
		28	26-30 hrs	0	0	198	1	90	1	1,266	1								
		33	More than 30 hrs	6	2	233	2	185	2	2,260	1								
			Total	276	100	15,241	100	12,440	100	165,621	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
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	
d. Working for pay off campus	tmworkoffhrs (Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	126	44	6,304	43	4,983	38	73,973	44	11.6	12.2	-.05	14.4 ***	-.21	12.7	-.08	
		3	1-5 hrs	12	4	723	5	635	5	8,101	5								
		8	6-10 hrs	16	6	930	6	800	6	9,762	6								
		13	11-15 hrs	22	8	1,019	6	791	6	9,698	6								
		18	16-20 hrs	19	7	1,470	9	967	8	12,871	8								
		23	21-25 hrs	28	10	1,233	8	754	6	10,151	6								
		28	26-30 hrs	21	8	953	6	586	5	7,579	5								
		33	More than 30 hrs	32	13	2,494	17	2,874	27	32,569	22								
	Total			276	100	15,126	100	12,390	100	164,704	100								
e. Doing community service or volunteer work	tmservicehrs (Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	122	45	7,453	51	5,696	46	77,427	49	3.4	2.8 *	.12	3.3	.03	3.1	.06	
		3	1-5 hrs	105	36	5,641	36	4,685	37	61,594	36								
		8	6-10 hrs	27	10	1,040	7	1,027	9	13,488	8								
		13	11-15 hrs	11	4	413	3	391	3	5,242	3								
		18	16-20 hrs	8	3	286	2	264	2	3,107	2								
		23	21-25 hrs	2	1	102	1	97	1	1,356	1								
		28	26-30 hrs	1	0	61	0	53	0	680	0								
		33	More than 30 hrs	1	0	107	1	108	1	1,418	1								
	Total			277	100	15,103	100	12,321	100	164,312	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs (Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	5	2	349	2	381	3	4,816	3	12.5	11.4 *	.14	10.1 ***	.30	10.5 ***	.25	
		3	1-5 hrs	50	18	4,007	26	3,825	32	48,392	30								
		8	6-10 hrs	83	30	4,307	28	3,455	27	46,265	28								
		13	11-15 hrs	58	22	2,747	18	2,034	16	28,637	17								
		18	16-20 hrs	39	15	1,789	12	1,297	10	17,854	11								
		23	21-25 hrs	12	5	861	6	627	5	8,498	5								
		28	26-30 hrs	9	3	410	3	283	2	3,928	2								
		33	More than 30 hrs	18	7	697	5	469	4	6,557	4								
	Total			274	100	15,167	100	12,371	100	164,947	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a						Statistical Comparisons ^b									
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	<i>(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	203	74	10,068	67	7,269	55	101,610	60	4.9	5.7	-.07	8.7 ***	-.30	7.3 ***	-.20	
		3	1-5 hrs	19	7	1,607	10	1,262	10	17,150	11								
		8	6-10 hrs	9	3	699	5	633	5	8,397	5								
		13	11-15 hrs	4	2	397	3	397	4	5,269	3								
		18	16-20 hrs	6	3	343	2	412	4	4,745	3								
		23	21-25 hrs	3	1	213	1	226	2	2,792	2								
		28	26-30 hrs	4	2	133	1	202	2	2,366	2								
		33	More than 30 hrs	25	9	1,635	11	1,964	18	22,319	14								
Total				273	100	15,095	100	12,365	100	164,648	100								
h. Commuting to campus (driving, walking, etc.)	<i>(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	27	9	1,870	13	2,707	21	39,911	22	4.5	4.7	-.04	4.4	.03	4.5	.02	
		3	1-5 hrs	190	68	9,205	61	7,055	57	86,997	53								
		8	6-10 hrs	39	14	2,925	19	1,645	14	25,021	16								
		13	11-15 hrs	13	5	689	4	507	4	7,270	5								
		18	16-20 hrs	6	2	239	2	224	2	2,713	2								
		23	21-25 hrs	1	0	97	1	82	1	1,201	1								
		28	26-30 hrs	0	0	47	0	54	0	674	0								
		33	More than 30 hrs	2	1	129	1	148	1	1,545	1								
Total				278	100	15,201	100	12,422	100	165,332	100								
Estimated number of hours working for pay	tmworkhrs	<i>(Continuous variable created by NSSE)</i>		17.4		16.2	.10	17.7	-.02	16.1	.10								
16. Of the time you spend preparing for class in a typical 7-day week, about how many hours are on assigned reading?																			
	<i>(Recoded version of tmread created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	16	6	996	7	418	3	6,813	4	6.7	6.1	.12	7.1	-.06	6.9	-.03	
		3	1-5 hrs	135	50	8,157	53	6,012	48	80,884	49								
		8	6-10 hrs	73	25	3,790	25	3,559	28	45,948	27								
		13	11-15 hrs	29	10	1,346	9	1,380	11	17,845	10								
		18	16-20 hrs	15	6	591	4	656	5	8,596	5								
		23	21-25 hrs	3	1	204	1	223	2	3,168	2								
		28	26-30 hrs	2	1	90	1	119	1	1,391	1								
		33	More than 30 hrs	4	1	93	1	126	1	1,477	1								
Total				277	100	15,267	100	12,493	100	166,122	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
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	17	6	1,059	7	633	5	9,199	6	2.9	3.0	-.02	3.1 **	-.16	3.1 *	-.14	
		2	Some	69	25	3,462	23	2,441	20	32,577	20								
		3	Quite a bit	105	38	5,671	37	4,628	37	59,602	36								
		4	Very much	87	31	5,038	33	4,794	38	64,607	38								
		Total		278	100	15,230	100	12,496	100	165,985	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	19	7	1,309	9	859	8	13,100	8	2.9	2.9	.00	3.0	-.10	2.9	-.07	
		2	Some	75	27	3,820	25	2,710	22	37,101	23								
		3	Quite a bit	106	38	5,523	36	4,640	37	59,273	35								
		4	Very much	76	27	4,533	30	4,251	33	55,965	33								
		Total		276	100	15,185	100	12,460	100	165,439	100								
c. Thinking critically and analytically	pgthink	1	Very little	5	2	414	3	297	3	3,817	3	3.3	3.3	.05	3.3	-.01	3.3	-.02	
		2	Some	34	13	2,086	14	1,425	12	19,482	12								
		3	Quite a bit	106	38	5,727	37	4,569	37	58,818	36								
		4	Very much	133	47	6,962	47	6,144	49	83,299	50								
		Total		278	100	15,189	100	12,435	100	165,416	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	40	14	1,835	12	1,323	11	19,176	11	2.7	2.8	-.11	2.8 *	-.14	2.8 *	-.14	
		2	Some	85	31	4,279	27	3,420	27	44,934	27								
		3	Quite a bit	84	30	4,844	32	3,970	32	51,489	31								
		4	Very much	69	26	4,219	29	3,723	30	49,706	31								
		Total		278	100	15,177	100	12,436	100	165,305	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	20	7	1,236	9	894	8	13,315	9	3.0	3.0	.02	3.0	.01	3.0	.03	
		2	Some	61	23	3,196	21	2,633	21	35,310	22								
		3	Quite a bit	88	32	5,123	33	4,266	34	54,595	33								
		4	Very much	107	38	5,656	37	4,673	37	62,393	37								
		Total		276	100	15,211	100	12,466	100	165,613	100								
f. Working effectively with others	pgothers	1	Very little	16	6	837	6	585	5	8,752	6	3.0	3.0	-.05	3.0	-.09	3.0	-.09	
		2	Some	57	21	3,305	22	2,513	21	33,885	21								
		3	Quite a bit	114	41	5,706	37	4,598	37	60,276	36								
		4	Very much	91	31	5,310	35	4,735	37	62,245	37								
		Total		278	100	15,158	100	12,431	100	165,158	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Northern Michigan University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 2013	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	37	14	2,154	15	1,365	12	18,440	13	2.7	2.7	.00	2.8 *	-.13	2.8 *	-.12	
		2	Some	74	28	4,194	27	2,929	24	39,059	24								
		3	Quite a bit	87	31	4,734	31	4,021	32	52,159	31								
		4	Very much	77	27	4,107	27	4,138	32	55,721	32								
		Total		275	100	15,189	100	12,453	100	165,379	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	36	13	1,816	12	1,257	11	17,631	11	2.6	2.7 **	-.16	2.8 ***	-.24	2.8 ***	-.24	
		2	Some	102	38	4,508	29	3,294	27	44,881	27								
		3	Quite a bit	77	28	4,788	31	4,115	32	52,560	31								
		4	Very much	63	22	4,080	27	3,791	30	50,366	31								
		Total		278	100	15,192	100	12,457	100	165,438	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	35	13	1,645	11	1,121	10	15,354	10	2.7	2.8	-.03	2.8	-.08	2.8	-.10	
		2	Some	73	26	4,302	28	3,348	27	44,283	27								
		3	Quite a bit	92	34	5,173	33	4,357	35	57,042	34								
		4	Very much	77	26	4,063	27	3,616	28	48,646	29								
		Total		277	100	15,183	100	12,442	100	165,325	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	32	12	2,222	15	1,428	12	19,929	13	2.7	2.6	.06	2.7	-.07	2.7	-.05	
		2	Some	83	30	4,745	31	3,402	27	46,853	29								
		3	Quite a bit	102	37	4,756	31	4,251	34	53,492	32								
		4	Very much	60	21	3,388	23	3,321	26	44,335	27								
		Total		277	100	15,111	100	12,402	100	164,609	100								
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	9	4	398	3	252	2	3,149	2	3.2	3.2	.04	3.3	-.10	3.3	-.08	
		2	Fair	26	9	1,769	12	1,126	9	15,758	10								
		3	Good	131	47	7,314	47	5,428	43	70,228	43								
		4	Excellent	112	40	5,774	39	5,692	45	76,927	44								
		Total		278	100	15,255	100	12,498	100	166,062	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	11	4	730	5	537	5	6,954	5	3.3	3.2	.08	3.3	.00	3.3	.01	
		2	Probably no	30	12	1,989	13	1,446	12	19,346	12								
		3	Probably yes	105	37	6,124	39	4,661	37	59,881	37								
		4	Definitely yes	132	47	6,426	43	5,872	47	80,085	47								
		Total		278	100	15,269	100	12,516	100	166,266	100								

*p<.05, **p<.01, ***p<.001 (2-tailed).

NSSE 2013 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

First-Year Students

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	NMU	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	Comparisons with: Great Lakes Public	Comparisons with: Carnegie Class	Comparisons with: NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013
1 a. askquest	253	2.8	2.8	2.9	2.9	.05	.01	.01	.00	0.8	0.8	0.8	0.9	18,480	9,983	141,459	.361	.000	.017	-.06	-.22	-.15
b. drafts	252	2.8	2.5	2.6	2.6	.06	.01	.01	.00	1.0	1.0	1.0	1.0	18,377	9,945	252	.000	.002	.000	.30	.20	.25
c. unpreparedr	253	3.0	3.0	3.1	3.1	.04	.01	.01	.00	0.7	0.8	0.8	0.8	18,334	268	140,402	.724	.218	.949	.02	-.07	.00
d. attendart	253	2.0	1.9	2.0	2.0	.06	.01	.01	.00	0.9	0.9	0.9	0.9	18,306	9,911	140,014	.163	.888	.833	.09	-.01	-.01
e. CLaskhelp	252	2.5	2.6	2.5	2.5	.05	.01	.01	.00	0.8	0.9	0.9	0.9	18,266	9,890	139,795	.637	.501	.945	-.03	.04	.00
f. CLexplain	246	2.6	2.7	2.6	2.7	.05	.01	.01	.00	0.8	0.8	0.8	0.8	17,784	9,630	136,164	.180	.982	.306	-.09	.00	-.07
g. CLstudy	246	2.4	2.5	2.5	2.5	.06	.01	.01	.00	0.9	0.9	1.0	1.0	17,759	9,628	136,211	.089	.139	.028	-.11	-.10	-.14
h. CLproject	246	2.6	2.6	2.5	2.6	.05	.01	.01	.00	0.8	0.8	0.9	0.9	17,669	260	246	.875	.293	.726	.01	.06	.02
i. present	243	2.1	2.2	2.2	2.2	.05	.01	.01	.00	0.8	0.9	0.9	0.9	250	259	244	.704	.125	.366	-.02	-.09	-.05
2 a. RIntegrate	240	2.7	2.7	2.6	2.7	.05	.01	.01	.00	0.8	0.8	0.9	0.9	17,226	9,380	132,522	.969	.567	.885	.00	.04	-.01
b. RISocietal	237	2.6	2.6	2.6	2.6	.06	.01	.01	.00	0.9	0.9	0.9	0.9	16,970	9,238	130,623	.915	.514	.374	-.01	-.04	-.06
c. RIDiverse	239	2.4	2.5	2.6	2.6	.06	.01	.01	.00	0.9	0.9	0.9	0.9	16,979	9,240	130,787	.361	.022	.021	-.06	-.15	-.15
d. Rlownview	236	2.7	2.7	2.8	2.8	.05	.01	.01	.00	0.8	0.8	0.8	0.8	16,950	9,225	130,540	.514	.240	.098	-.04	-.08	-.11
e. RIperspect	237	2.8	2.8	2.9	2.9	.06	.01	.01	.00	0.9	0.8	0.8	0.8	16,904	9,214	130,250	.629	.318	.183	-.03	-.07	-.09
f. RInewview	238	2.8	2.8	2.8	2.9	.05	.01	.01	.00	0.8	0.8	0.8	0.8	16,852	9,179	129,729	.971	.509	.345	.00	-.04	-.06
g. RIconnect	237	3.1	3.0	3.1	3.1	.05	.01	.01	.00	0.8	0.8	0.8	0.8	16,772	9,136	129,187	.323	.622	.919	.06	.03	.01
3 a. SFcareer	236	2.3	2.2	2.2	2.2	.05	.01	.01	.00	0.8	0.9	0.9	0.9	16,835	9,162	129,541	.131	.057	.030	.10	.13	.14
b. SFotherwork	237	1.6	1.7	1.7	1.7	.05	.01	.01	.00	0.8	0.9	0.9	0.9	244	252	129,021	.226	.205	.234	-.07	-.08	-.08
c. SFdiscuss	236	1.9	2.0	2.0	2.0	.05	.01	.01	.00	0.7	0.9	0.9	0.9	245	255	236	.020	.035	.020	-.13	-.11	-.12
d. SFperform	237	2.1	2.1	2.1	2.1	.05	.01	.01	.00	0.8	0.9	0.9	0.9	245	253	237	.367	.821	.667	.05	.01	.02
4 a. memorize	239	3.0	3.0	2.9	2.9	.05	.01	.01	.00	0.8	0.8	0.8	0.8	16,742	9,116	128,882	.539	.110	.182	.04	.10	.09
b. HOapply	237	2.9	3.0	3.0	3.0	.05	.01	.01	.00	0.8	0.8	0.8	0.8	16,645	9,057	128,202	.078	.087	.022	-.12	-.11	-.15
c. HOanalyze	236	2.8	2.9	2.9	3.0	.06	.01	.01	.00	0.9	0.8	0.8	0.8	241	247	236	.055	.029	.003	-.13	-.15	-.20
d. HOevaluate	237	2.8	2.9	2.9	2.9	.06	.01	.01	.00	0.9	0.8	0.8	0.8	16,608	9,037	127,742	.173	.011	.010	-.09	-.17	-.17
e. HOform	236	2.8	2.8	2.9	2.9	.06	.01	.01	.00	0.9	0.8	0.8	0.8	16,571	247	127,423	.277	.035	.020	-.07	-.15	-.15
5 a. ETgoals	233	3.2	3.1	3.2	3.2	.05	.01	.01	.00	0.8	0.8	0.8	0.8	16,706	9,093	128,576	.037	.163	.201	.14	.09	.08
b. ETorganize	233	3.1	3.1	3.1	3.1	.05	.01	.01	.00	0.7	0.8	0.8	0.8	16,664	247	233	.736	.386	.435	.02	-.05	-.05
c. ETexample	233	3.1	3.1	3.1	3.1	.05	.01	.01	.00	0.8	0.8	0.8	0.8	16,617	9,042	127,934	.939	.350	.414	-.01	-.06	-.05
d. ETdraftfb	233	3.1	2.8	2.9	2.9	.06	.01	.01	.00	0.9	0.9	0.9	0.9	239	246	233	.000	.003	.000	.27	.18	.22
e. ETfeedback	231	2.8	2.8	2.9	2.8	.06	.01	.01	.00	0.9	0.9	0.9	0.9	16,563	9,007	127,470	.766	.085	.429	.02	-.11	-.05

NSSE 2013 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 ^j			Significance ^k			Effect size ^e				
	NMU		Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public			Carnegie Class			NSSE 2013			Comparisons with:			Comparisons with:			Comparisons with:		
	NMU	NMU				NMU	Great Lakes Public	Carnegie Class	NSSE 2013	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013	
6 a. QRconclude	234	2.4	2.6	2.5	2.6	.06	.01	.01	.00	0.9	0.9	0.9	0.9	16,673	9,076	128,343	.050	.211	.083	-.13	-.08	-.11	
b. QRproblem	235	2.1	2.3	2.3	2.3	.06	.01	.01	.00	1.0	0.9	0.9	0.9	16,640	9,062	128,051	.007	.025	.010	-.18	-.15	-.17	
c. QRevaluate	235	2.1	2.3	2.2	2.3	.06	.01	.01	.00	0.9	0.9	0.9	0.9	241	9,034	235	.003	.040	.004	-.19	-.14	-.18	
7 a. wrshortnum	209	7.8	6.7	7.0	6.8	.40	.05	.07	.02	5.8	5.5	6.0	5.7	15,278	8,304	117,260	.003	.057	.009	.20	.13	.18	
b. wrmednum	204	1.8	2.1	2.0	2.1	.18	.02	.03	.01	2.6	2.9	2.8	3.0	14,851	8,007	113,297	.137	.328	.161	-.10	-.07	-.10	
c. wrlongnum	198	0.6	0.7	0.8	0.8	.19	.02	.03	.01	2.7	2.4	2.7	2.6	14,395	7,798	110,002	.595	.406	.357	-.04	-.06	-.07	
— wrpages	194	40	45	46	47	3.4	0.4	0.7	0.2	47	53	58	59	14,250	208	194	.198	.100	.064	-.09	-.10	-.11	
8 a. DDrace	218	2.7	3.0	3.0	3.1	.06	.01	.01	.00	0.9	0.9	1.0	0.9	223	8,487	119,318	.000	.000	.000	-.32	-.29	-.40	
b. DDeconomic	218	3.0	3.0	3.0	3.1	.06	.01	.01	.00	0.9	0.9	0.9	0.9	15,512	8,464	118,997	.738	.769	.189	-.02	-.02	-.09	
c. DDreligion	217	2.9	3.0	3.0	3.0	.07	.01	.01	.00	1.0	0.9	0.9	1.0	15,492	8,448	118,673	.639	.549	.367	-.03	-.04	-.06	
d. DDpolitical	217	3.0	3.0	3.0	3.0	.06	.01	.01	.00	0.9	0.9	0.9	0.9	15,449	8,444	118,306	.468	.842	.464	-.05	-.01	-.05	
9 a. LSreading	216	3.1	3.1	3.2	3.2	.05	.01	.01	.00	0.8	0.8	0.8	0.8	15,444	8,455	118,504	.662	.557	.419	.03	-.04	-.06	
b. LSnotes	214	2.9	2.9	3.0	2.9	.06	.01	.01	.00	0.8	0.9	0.9	0.9	15,402	8,418	118,235	.803	.232	.630	-.02	-.08	-.03	
c. LSsummary	215	2.8	2.8	2.9	2.9	.06	.01	.01	.00	0.9	0.9	0.9	0.9	15,239	8,345	117,051	.931	.474	.653	.01	-.05	-.03	
10. challenge	216	5.4	5.5	5.6	5.6	.07	.01	.01	.00	1.0	1.1	1.1	1.1	222	229	216	.147	.010	.015	-.09	-.16	-.15	
11 a. intern ^l	213	0.07	0.07	0.09	0.08	0.017	0.002	0.003	0.001								.809	.220	.432	-.02	-.09	-.06	
b. leader ^l	212	0.14	0.11	0.10	0.12	0.024	0.003	0.003	0.001								.230	.130	.349	.08	.10	.06	
c. learncom ^l	213	0.27	0.18	0.12	0.15	0.031	0.003	0.004	0.001								.000	.000	.000	.23	.38	.31	
d. abroad ^l	213	0.03	0.03	0.03	0.03	0.011	0.001	0.002	0.001								.619	.759	.673	-.04	-.02	-.03	
e. research ^l	211	0.02	0.05	0.05	0.05	0.009	0.002	0.002	0.001								.036	.032	.020	-.18	-.18	-.20	
f. capstone ^l	213	0.01	0.03	0.03	0.03	0.006	0.001	0.002	0.000								.069	.079	.055	-.17	-.16	-.18	
12. servcourse	210	1.5	1.6	1.6	1.6	.04	.01	.01	.00	0.6	0.6	0.7	0.7	15,153	8,309	210	.598	.014	.039	-.04	-.17	-.12	
13 a. QIstudent	212	5.6	5.5	5.6	5.6	.09	.01	.02	.00	1.3	1.4	1.4	1.4	15,297	8,293	116,947	.319	.903	.758	.07	.01	.02	
b. QIadvisor	210	4.9	5.1	5.2	5.1	.13	.01	.02	.01	1.8	1.7	1.7	1.7	14,977	8,078	114,853	.229	.029	.120	-.08	-.15	-.11	
c. QIfaculty	210	5.3	5.2	5.4	5.3	.10	.01	.02	.00	1.4	1.4	1.4	1.5	15,151	8,225	115,847	.182	.631	.791	.09	-.03	.02	
d. QIstaff	190	5.2	4.9	5.0	4.9	.11	.01	.02	.01	1.5	1.7	1.7	1.7	195	201	190	.006	.069	.030	.19	.12	.14	
e. QIadmin	198	5.0	4.8	4.9	4.9	.12	.01	.02	.01	1.8	1.7	1.7	1.7	13,960	7,937	109,903	.025	.503	.180	.16	.05	.10	

NSSE 2013 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 ^j			Significance ^k			Effect size ^e			
	NMU	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013
14 a. empstudy	202	3.1	3.2	3.2	3.2	.05	.01	.01	.00	0.7	0.7	0.7	0.8	14,203	7,816	202	.322	.164	.200	-.07	-.10	-.09
b. SEacademic	200	3.2	3.1	3.1	3.1	.06	.01	.01	.00	0.8	0.8	0.8	0.8	14,105	7,782	108,995	.133	.303	.405	.11	.07	.06
c. SElearnsup	202	3.2	3.1	3.1	3.1	.06	.01	.01	.00	0.9	0.9	0.9	0.9	14,133	7,774	109,054	.143	.227	.343	.10	.09	.07
d. SEdiverse	202	2.6	2.7	2.7	2.7	.07	.01	.01	.00	0.9	1.0	1.0	1.0	14,146	7,787	109,239	.150	.098	.044	-.10	-.12	-.14
e. SEsocial	202	3.1	3.0	3.0	3.0	.06	.01	.01	.00	0.8	0.9	0.9	0.9	14,136	7,787	109,085	.030	.008	.055	.15	.19	.14
f. SEwellness	202	3.1	3.0	2.9	3.0	.06	.01	.01	.00	0.8	0.9	0.9	0.9	14,062	215	108,549	.021	.001	.027	.16	.21	.16
g. SEonacad	202	2.5	2.4	2.4	2.4	.07	.01	.01	.00	1.0	1.0	1.0	1.0	14,056	7,729	108,494	.087	.093	.180	.12	.12	.09
h. SEactivities	201	3.0	2.9	2.8	2.9	.06	.01	.01	.00	0.9	0.9	1.0	1.0	14,030	212	108,231	.045	.006	.057	.14	.19	.13
i. SEevents	202	2.7	2.5	2.6	2.6	.07	.01	.01	.00	1.0	1.0	1.0	1.0	13,995	7,698	108,042	.012	.035	.078	.18	.15	.12
15 a. tmprephrs	202	13.7	14.3	14.2	14.3	.56	.07	.10	.03	8.0	8.3	8.4	8.4	14,124	7,791	109,021	.340	.454	.373	-.07	-.05	-.06
b. tmcocurrhrs	203	5.0	5.0	4.9	5.2	.41	.05	.08	.02	5.9	6.4	6.6	6.7	14,014	7,745	108,314	.983	.815	.705	.00	.02	-.03
c. tmworkonhrs	202	2.6	2.6	2.4	2.4	.41	.05	.06	.02	5.8	6.0	5.6	5.6	14,058	7,766	108,756	.893	.526	.558	.01	.05	.04
d. tmworkoffhrs	201	3.8	5.2	7.1	5.6	.58	.08	.13	.03	8.3	9.3	11.5	10.2	208	221	201	.018	.000	.002	-.15	-.29	-.18
e. tmservehrs	198	2.0	2.2	2.3	2.4	.33	.04	.05	.01	4.7	4.2	4.3	4.4	13,898	7,680	107,519	.558	.406	.236	-.04	-.06	-.08
f. tmrelaxhrs	199	16.5	13.1	12.0	12.4	.65	.07	.10	.03	9.1	8.6	8.6	8.6	203	7,701	107,934	.000	.000	.000	.41	.53	.48
g. tmcarehrs	197	1.8	2.7	4.4	3.5	.43	.06	.11	.03	6.0	6.9	9.5	8.4	204	223	198	.040	.000	.000	-.13	-.28	-.21
h. tmcommutehrs	201	3.0	4.0	3.4	3.7	.37	.05	.06	.02	5.3	5.4	5.2	5.5	206	7,722	108,211	.013	.322	.100	-.18	-.07	-.12
— tmwork	201	6.4	7.7	9.4	7.9	.75	.09	.14	.03	10.7	10.9	12.2	11.4	13,911	214	201	.114	.000	.047	-.11	-.24	-.13
16. tmreadhrs	201	6.1	6.0	6.6	6.4	.37	.04	.06	.02	5.3	5.2	5.6	5.4	14,049	7,767	108,612	.912	.152	.342	.01	-.10	-.07
17 a. pgwrite	199	2.9	2.8	2.9	2.9	.06	.01	.01	.00	0.8	0.9	0.9	0.9	205	7,760	108,620	.346	.557	.816	.06	-.04	-.02
b. pgspeak	198	2.5	2.6	2.7	2.7	.07	.01	.01	.00	0.9	0.9	0.9	0.9	14,008	7,732	108,289	.042	.000	.002	-.15	-.26	-.22
c. pgthink	199	3.0	3.1	3.1	3.1	.06	.01	.01	.00	0.8	0.8	0.8	0.8	14,019	7,733	108,266	.229	.048	.033	-.09	-.14	-.15
d. pganalyze	198	2.3	2.6	2.6	2.6	.07	.01	.01	.00	0.9	1.0	1.0	1.0	14,006	7,739	108,226	.000	.000	.000	-.37	-.37	-.36
e. pgwork	198	2.5	2.6	2.7	2.7	.07	.01	.01	.00	1.0	1.0	1.0	1.0	14,025	7,746	108,316	.016	.004	.004	-.17	-.21	-.21
f. pgothers	196	2.8	2.8	2.9	2.8	.06	.01	.01	.00	0.8	0.9	0.9	0.9	13,978	7,713	108,031	.557	.254	.331	-.04	-.08	-.07
g. pgvalues	197	2.4	2.6	2.7	2.7	.07	.01	.01	.00	1.0	1.0	1.0	1.0	13,981	7,716	108,128	.018	.000	.000	-.17	-.28	-.29
h. pgdiverse	199	2.5	2.7	2.7	2.7	.07	.01	.01	.00	1.0	1.0	0.9	1.0	14,004	7,729	108,241	.003	.000	.000	-.21	-.27	-.27
i. pgprobsolve	199	2.5	2.6	2.6	2.6	.07	.01	.01	.00	1.0	0.9	0.9	1.0	13,988	7,723	108,106	.058	.047	.015	-.14	-.14	-.17
j. pgcitizen	198	2.6	2.6	2.7	2.7	.07	.01	.01	.00	0.9	0.9	0.9	1.0	13,926	7,677	107,683	.806	.309	.247	-.02	-.07	-.08
18. evalexp	200	3.2	3.2	3.2	3.3	.05	.01	.01	.00	0.7	0.7	0.7	0.7	14,062	7,773	108,618	.402	.142	.061	-.06	-.11	-.13
19. sameinst	200	3.3	3.2	3.2	3.3	.06	.01	.01	.00	0.8	0.8	0.8	0.8	14,072	7,779	108,745	.205	.179	.401	.09	.10	.06

IPEDS: 171456

NSSE 2013 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

Seniors

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
														Comparisons with:			Comparisons with:			Comparisons with:		
	NMU	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013
1 a. askquest	310	3.1	3.1	3.3	3.2	.05	.01	.01	.00	0.8	0.8	0.8	0.9	22,721	15,292	220,425	.301	.000	.066	-.06	-.22	-.10
b. drafts	309	2.5	2.4	2.6	2.5	.06	.01	.01	.00	1.0	1.0	1.0	1.0	22,582	15,219	219,404	.021	.256	.693	.13	-.07	.02
c. unpreparedr	311	3.0	3.0	3.1	3.0	.04	.01	.01	.00	0.8	0.8	0.8	0.8	22,550	15,184	218,902	.581	.001	.101	-.03	-.19	-.09
d. attendart	309	2.0	1.8	1.9	1.9	.06	.01	.01	.00	1.0	0.9	0.9	0.9	22,508	15,144	218,636	.000	.004	.004	.23	.17	.16
e. CLaskhelp	308	2.4	2.4	2.4	2.4	.05	.01	.01	.00	0.9	0.9	0.9	0.9	22,485	15,134	218,399	.531	.088	.067	.04	.10	.10
f. CLexplain	306	2.9	2.8	2.7	2.7	.05	.01	.01	.00	0.8	0.8	0.8	0.9	22,007	14,863	214,177	.096	.002	.004	.10	.18	.17
g. CLstudy	308	2.5	2.4	2.4	2.4	.06	.01	.01	.00	1.0	1.0	1.0	1.0	22,063	14,861	214,353	.167	.199	.144	.08	.07	.08
h. CLproject	308	2.8	2.9	2.8	2.9	.05	.01	.01	.00	0.9	0.9	0.9	0.9	22,011	14,832	213,850	.112	.857	.317	-.09	-.01	-.06
i. present	308	2.7	2.7	2.7	2.6	.05	.01	.01	.00	0.9	0.9	1.0	1.0	21,975	14,796	213,228	.235	.566	.091	.07	.03	.10
2 a. RIntegrate	299	3.1	3.0	3.0	3.0	.05	.01	.01	.00	0.8	0.8	0.8	0.8	21,634	14,627	210,496	.584	.245	.337	.03	.07	.06
b. RI societal	297	3.0	2.8	2.9	2.9	.05	.01	.01	.00	0.9	0.9	0.9	0.9	305	14,461	297	.003	.162	.063	.17	.08	.10
c. RIDiverse	295	2.7	2.6	2.7	2.7	.06	.01	.01	.00	1.0	1.0	0.9	1.0	21,399	14,480	208,231	.122	.368	.961	.09	-.05	.00
d. Rlownview	298	2.9	2.8	2.9	2.9	.05	.01	.01	.00	0.9	0.8	0.8	0.8	21,367	14,441	207,900	.013	.297	.168	.15	.06	.08
e. RIperspect	297	3.0	2.9	3.0	3.0	.05	.01	.01	.00	0.8	0.8	0.8	0.8	21,312	14,452	207,568	.034	.407	.255	.12	.05	.07
f. RInewview	297	2.9	2.9	3.0	3.0	.05	.01	.01	.00	0.8	0.8	0.8	0.8	21,227	14,419	206,891	.628	.562	.484	.03	-.03	-.04
g. RIconnect	293	3.3	3.2	3.3	3.3	.04	.01	.01	.00	0.7	0.7	0.7	0.7	21,161	14,352	206,035	.011	.042	.060	.15	.12	.11
3 a. SFcareer	294	2.6	2.4	2.4	2.4	.06	.01	.01	.00	1.0	1.0	1.0	1.0	21,227	14,383	206,602	.016	.033	.005	.14	.13	.16
b. SFotherwork	293	2.1	1.9	1.9	1.9	.06	.01	.01	.00	1.0	1.0	1.0	1.0	21,151	14,320	205,769	.001	.000	.000	.20	.21	.23
c. SFdiscuss	294	2.3	2.2	2.2	2.2	.06	.01	.01	.00	1.0	0.9	1.0	1.0	21,125	14,329	205,713	.026	.044	.005	.13	.12	.16
d. SFperform	294	2.3	2.2	2.2	2.2	.05	.01	.01	.00	0.9	0.9	0.9	0.9	21,083	14,300	205,233	.003	.096	.011	.17	.10	.15
4 a. memorize	294	2.7	2.8	2.7	2.7	.05	.01	.01	.00	0.9	0.9	0.9	0.9	21,135	14,344	205,753	.490	.700	.886	-.04	.02	.01
b. HOapply	294	3.1	3.1	3.2	3.2	.05	.01	.01	.00	0.8	0.8	0.8	0.8	21,056	14,273	204,763	.879	.635	.659	.01	-.03	-.03
c. HOanalyze	290	3.1	3.1	3.1	3.1	.05	.01	.01	.00	0.8	0.8	0.8	0.8	20,980	14,234	204,270	.642	.598	.529	.03	-.03	-.04
d. HOevaluate	292	2.9	2.9	3.0	3.0	.05	.01	.01	.00	0.9	0.9	0.8	0.9	21,007	14,250	204,438	.636	.041	.163	.03	-.12	-.08
e. HOform	292	2.9	2.9	3.0	3.0	.05	.01	.01	.00	0.9	0.9	0.8	0.9	20,955	14,208	203,913	.712	.028	.051	-.02	-.13	-.11
5 a. ETgoals	291	3.2	3.2	3.2	3.2	.05	.01	.01	.00	0.8	0.8	0.8	0.8	21,158	14,365	205,734	.174	.672	.920	.08	-.03	.01
b. ETorganize	290	3.2	3.1	3.2	3.2	.05	.01	.01	.00	0.8	0.8	0.8	0.8	21,105	14,303	205,110	.241	.378	.821	.07	-.05	-.01
c. ETexample	290	3.2	3.1	3.2	3.2	.05	.01	.01	.00	0.8	0.8	0.8	0.8	21,049	14,283	204,750	.084	.530	.269	.10	.04	.07
d. ETdraftfb	291	2.8	2.7	2.9	2.8	.06	.01	.01	.00	1.0	1.0	1.0	1.0	21,054	14,297	204,669	.172	.202	.808	.08	-.08	.01
e. ETfeedback	290	3.0	2.9	3.0	2.9	.05	.01	.01	.00	0.9	0.9	0.9	0.9	21,009	14,253	204,088	.044	.915	.388	.12	-.01	.05

NSSE 2013 Frequencies and Statistical Comparisons

Detailed Statistics^g

Northern Michigan University

Seniors

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
														Comparisons with:			Comparisons with:			Comparisons with:		
	NMU	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013
6 a. QRconclude	293	2.6	2.6	2.6	2.6	.06	.01	.01	.00	1.0	1.0	1.0	1.0	21,111	14,347	205,429	.885	.585	.688	-.01	-.03	-.02
b. QRproblem	293	2.5	2.4	2.4	2.4	.06	.01	.01	.00	1.0	1.0	1.0	1.0	21,091	14,307	205,035	.227	.800	.462	.07	.01	.04
c. QRevaluate	293	2.5	2.4	2.4	2.4	.06	.01	.01	.00	1.0	1.0	0.9	1.0	21,020	303	204,359	.324	.437	.447	.06	.05	.04
7 a. wrshortnum	274	7.4	7.7	7.8	7.9	.43	.05	.06	.02	7.2	6.7	6.7	6.8	280	13,026	186,953	.543	.367	.243	-.04	-.06	-.07
b. wrmednum	274	3.1	3.2	3.6	3.7	.23	.03	.04	.01	3.7	3.8	4.1	4.4	19,030	12,959	184,421	.656	.062	.033	-.03	-.11	-.13
c. wrlongnum	270	1.4	1.8	2.0	2.0	.15	.02	.03	.01	2.4	3.2	3.6	3.7	283	295	271	.008	.000	.000	-.13	-.18	-.18
— wrpages	265	66	73	79	80	4.3	0.6	0.8	0.2	70	76	84	87	18,171	281	265	.131	.004	.001	-.09	-.15	-.16
8 a. DDrace	288	2.5	3.0	3.0	3.1	.05	.01	.01	.00	0.9	0.9	0.9	0.9	19,989	13,632	194,258	.000	.000	.000	-.49	-.49	-.61
b. DDeconomic	286	2.9	3.1	3.1	3.1	.05	.01	.01	.00	0.8	0.9	0.9	0.9	19,944	13,593	286	.004	.005	.000	-.17	-.17	-.24
c. DDreligion	286	2.9	3.0	3.0	3.0	.05	.01	.01	.00	0.9	0.9	0.9	0.9	19,884	13,563	193,232	.035	.039	.011	-.13	-.12	-.15
d. DDpolitical	286	3.0	3.1	3.1	3.1	.05	.01	.01	.00	0.9	0.9	0.9	0.9	19,822	13,537	192,606	.140	.177	.085	-.09	-.08	-.10
9 a. LSreading	286	3.2	3.2	3.3	3.3	.04	.01	.01	.00	0.8	0.8	0.8	0.8	19,908	13,592	193,405	.511	.076	.184	.04	-.11	-.08
b. LSnotes	285	2.9	2.9	3.0	2.9	.06	.01	.01	.00	1.0	0.9	0.9	0.9	19,861	13,544	192,904	.245	.380	.834	.07	-.05	.01
c. LSsummary	284	2.9	2.8	3.0	2.9	.05	.01	.01	.00	0.8	0.9	0.9	0.9	294	13,416	284	.259	.234	.643	.06	-.07	-.03
10. challenge	285	5.6	5.6	5.7	5.7	.06	.01	.01	.00	1.1	1.2	1.2	1.2	19,844	13,523	192,864	.834	.006	.034	-.01	-.17	-.13
11 a. intern ^l	285	0.42	0.53	0.46	0.48	0.029	0.004	0.004	0.001								.000	.136	.055	-.23	-.09	-.11
b. leader ^l	284	0.40	0.37	0.31	0.34	0.029	0.003	0.004	0.001								.215	.002	.026	.07	.18	.13
c. learncom ^l	285	0.28	0.26	0.23	0.24	0.026	0.003	0.004	0.001								.689	.111	.135	.02	.09	.09
d. abroad ^l	283	0.13	0.12	0.12	0.13	0.020	0.002	0.003	0.001								.888	.671	.996	.01	.03	.00
e. research ^l	284	0.22	0.24	0.23	0.23	0.025	0.003	0.004	0.001								.506	.904	.841	-.04	-.01	-.01
f. capstone ^l	283	0.42	0.49	0.47	0.45	0.029	0.004	0.004	0.001								.012	.103	.327	-.15	-.10	-.06
12. servcourse	282	1.8	1.7	1.8	1.7	.04	.00	.01	.00	0.7	0.7	0.7	0.7	290	294	282	.001	.126	.002	.21	.09	.18
13 a. QIstudent	285	5.7	5.7	5.8	5.7	.07	.01	.01	.00	1.3	1.3	1.3	1.3	19,673	13,357	190,284	.905	.082	.349	.01	-.10	-.06
b. QIadvisor	283	4.9	5.0	5.4	5.2	.11	.01	.02	.00	1.9	1.8	1.7	1.8	19,496	292	283	.509	.000	.003	-.04	-.30	-.19
c. QIfaculty	284	5.5	5.5	5.7	5.6	.08	.01	.01	.00	1.3	1.4	1.3	1.4	19,580	13,314	189,747	.726	.025	.408	.02	-.13	-.05
d. QIstaff	262	5.1	4.8	4.9	4.9	.10	.01	.02	.00	1.6	1.7	1.8	1.8	272	278	262	.001	.082	.013	.20	.10	.14
e. QIadmin	278	5.0	4.7	5.0	4.9	.09	.01	.02	.00	1.6	1.7	1.8	1.8	288	293	279	.002	.974	.221	.17	.00	.07

NSSE 2013 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	Great Lakes Public	Carnegie Class	NSSE 2013	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	NMU	Great Lakes Public	Carnegie Class	NSSE 2013	Comparisons with:			Comparisons with:			Comparisons with:		
														Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013	Great Lakes Public	Carnegie Class	NSSE 2013
14 a. empstudy	277	3.1	3.1	3.2	3.2	.05	.01	.01	.00	0.8	0.8	0.8	0.8	285	288	277	.260	.015	.020	-.07	-.15	-.14
b. SEacademic	277	3.0	2.9	3.0	3.0	.05	.01	.01	.00	0.8	0.9	0.9	0.9	285	290	277	.072	.670	.626	.10	.02	.03
c. SElearnsup	278	2.9	2.8	2.9	2.9	.05	.01	.01	.00	0.9	0.9	0.9	0.9	286	291	278	.006	.096	.315	.16	.10	.06
d. SEdiverse	277	2.4	2.5	2.6	2.6	.06	.01	.01	.00	0.9	1.0	1.0	1.0	285	289	276	.039	.001	.001	-.12	-.19	-.20
e. SEsocial	278	3.0	2.9	2.8	2.8	.05	.01	.01	.00	0.9	0.9	0.9	0.9	286	291	278	.009	.000	.004	.15	.20	.16
f. SEwellness	273	2.9	2.8	2.7	2.8	.05	.01	.01	.00	0.9	1.0	1.0	1.0	281	286	273	.001	.000	.001	.18	.23	.19
g. SEnonacad	276	2.1	2.0	2.1	2.1	.06	.01	.01	.00	0.9	1.0	1.0	1.0	18,671	289	276	.093	.982	.945	.10	.00	.00
h. SEactivities	273	2.8	2.6	2.6	2.6	.05	.01	.01	.00	0.9	1.0	1.0	1.0	282	287	273	.001	.000	.001	.18	.24	.18
i. SEevents	272	2.6	2.4	2.4	2.4	.05	.01	.01	.00	0.9	0.9	1.0	1.0	281	287	272	.000	.000	.000	.24	.19	.20
15 a. tmprphrs	277	14.4	14.6	14.7	15.0	.51	.06	.08	.02	8.5	8.7	8.6	8.9	18,716	12,834	182,195	.735	.633	.326	-.02	-.03	-.06
b. tmcocurrhrs	270	5.0	4.3	3.9	4.2	.42	.05	.06	.02	6.9	6.5	6.5	6.6	18,616	12,756	181,115	.068	.008	.048	.11	.16	.12
c. tmworkonhrs	275	5.8	4.1	3.3	3.6	.51	.06	.06	.02	8.5	7.9	7.1	7.2	281	282	274	.001	.000	.000	.21	.35	.31
d. tmworkoffhrs	275	11.6	12.2	14.4	12.7	.76	.10	.13	.03	12.6	13.0	14.0	13.6	18,520	289	275	.445	.000	.160	-.05	-.21	-.08
e. tmservehrs	275	3.4	2.8	3.3	3.1	.31	.04	.05	.01	5.1	5.0	5.4	5.3	282	12,645	180,002	.048	.649	.325	.12	.03	.06
f. tmrelaxhrs	273	12.5	11.4	10.1	10.5	.51	.06	.07	.02	8.4	8.4	8.0	8.1	18,587	12,705	180,738	.026	.000	.000	.14	.30	.25
g. tmcarehrs	272	4.9	5.7	8.7	7.3	.63	.08	.12	.03	10.4	10.9	12.9	12.0	18,485	290	273	.248	.000	.000	-.07	-.30	-.20
h. tmcommutehrs	277	4.5	4.7	4.4	4.5	.27	.04	.05	.01	4.5	4.8	5.4	5.3	18,613	12,750	277	.562	.647	.751	-.04	.03	.02
— tmwork	274	17.4	16.2	17.7	16.1	.75	.10	.12	.03	12.4	12.8	13.7	13.5	18,436	288	274	.116	.753	.082	.10	-.02	.10
16. tmreadhrs	276	6.7	6.1	7.1	6.9	.37	.04	.05	.01	6.1	5.4	5.9	5.9	281	12,825	181,961	.079	.354	.626	.12	-.06	-.03
17 a. pgwrite	277	2.9	3.0	3.1	3.1	.05	.01	.01	.00	0.9	0.9	0.9	0.9	18,653	12,832	181,796	.684	.008	.020	-.02	-.16	-.14
b. pgspeak	275	2.9	2.9	3.0	2.9	.05	.01	.01	.00	0.9	0.9	0.9	0.9	18,594	12,795	181,185	.960	.087	.218	.00	-.10	-.07
c. pgthink	277	3.3	3.3	3.3	3.3	.05	.01	.01	.00	0.8	0.8	0.8	0.8	18,597	12,770	181,162	.445	.934	.769	.05	-.01	-.02
d. pganalyze	277	2.7	2.8	2.8	2.8	.06	.01	.01	.00	1.0	1.0	1.0	1.0	18,591	12,776	181,053	.071	.025	.019	-.11	-.14	-.14
e. pgwork	275	3.0	3.0	3.0	3.0	.06	.01	.01	.00	1.0	1.0	0.9	1.0	18,630	12,804	181,377	.788	.869	.643	.02	.01	.03
f. pgothers	277	3.0	3.0	3.0	3.0	.05	.01	.01	.00	0.9	0.9	0.9	0.9	18,573	12,766	180,883	.375	.125	.138	-.05	-.09	-.09
g. pgvalues	274	2.7	2.7	2.8	2.8	.06	.01	.01	.00	1.0	1.0	1.0	1.0	18,606	12,789	181,144	.938	.031	.041	.00	-.13	-.12
h. pgdiverse	277	2.6	2.7	2.8	2.8	.06	.01	.01	.00	1.0	1.0	1.0	1.0	18,610	12,792	181,182	.009	.000	.000	-.16	-.24	-.24
i. pgprobsolve	276	2.7	2.8	2.8	2.8	.06	.01	.01	.00	1.0	1.0	1.0	1.0	18,596	12,781	181,057	.603	.165	.114	-.03	-.08	-.10
j. pgcitizen	276	2.7	2.6	2.7	2.7	.06	.01	.01	.00	0.9	1.0	1.0	1.0	284	12,740	180,242	.312	.223	.399	.06	-.07	-.05
18. evalexp	277	3.2	3.2	3.3	3.3	.05	.01	.01	.00	0.8	0.8	0.7	0.7	18,692	12,837	181,913	.562	.115	.173	.04	-.10	-.08
19. sameinst	277	3.3	3.2	3.3	3.3	.05	.01	.01	.00	0.8	0.8	0.8	0.8	18,707	12,856	182,131	.183	.946	.903	.08	.00	.01

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Endnotes

- a. Column percentages are weighted by gender 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 gender 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 and 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 gender 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."