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# Northern Michigan University

## *NSSE 2013 Major Field Report, Part II*

### *Comparisons to Other Institutions*

## Education

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*Comparing your students majoring in the fields shown below to those  
in the same fields at your comparison group institutions*

*The Major Field Report category 'Education' includes the following majors: Education (general); Business education; Early childhood education; Elementary, middle school education; Mathematics education; Music or art education; Physical education; Secondary education; Social studies education; Special education; Other education.*

*Note:*

*The Major Field Report was formatted for printing. When viewing on screen in Excel, some content may appear truncated or oddly formatted. This is normal. Increasing the zoom level or viewing the report in Print Preview will improve on-screen display.*

### About Your Major Field Report, Part II

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that can be found within key subpopulations such as major. This report displays selected results for students at your institution and at your selected comparison institutions in the major category: Education.

#### NSSE results included in MFR, Part II

- Engagement Indicators
- High-Impact Practices
- Frequencies and Statistical Comparisons
- Respondent Profile

### Majors

Self-reported majors (first major given, if two were reported) were identified from the survey. Your institution had the option to customize how these were grouped, using up to ten related-major categories. Institutions choosing not to customize their major categories receive NSSE's ten major field categories. The majors used in this report are listed on the cover page of this report.

### Sample

This report is based on information from all randomly selected or census-administered students in the indicated group of majors for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included.

### Class

Results are presented separately by institution-reported class level. First-year students' majors may include undeclared but intended majors and much of the first-year experience may take place outside of the major field. As a result, first-year results should be interpreted with caution.

### Technical Requirements

Major categories with fewer than 20 respondents in a given class are not reported (columns are blank). Comparison groups must also contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement, keep in mind that any statistical result requires a sufficient number of respondents per category to produce a reliable estimate. Due to the disaggregation of results by student-reported major, the Major Field Report results are unweighted.

### Report Sections

Engagement Indicators (pp. 3-6)	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes adapted from the former Benchmarks of Effective Educational Practice. See your <i>Engagement Indicators</i> report for more details.
High-Impact Practices (p. 7)	Results on student participation in six High-Impact Practices (HIPs). See your <i>High-Impact Practices</i> report for more details.
Frequencies and Statistical Comparisons (pp. 8-41)	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile (pp. 42-48)	Response frequencies for all demographic questions for your institution and your three core comparison groups.

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Engagement Indicators: Education

### Northern Michigan University

#### Seniors<sup>a</sup> in Education

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
NMU (N = 35)	44.7	13.4	2.26	20	35	45	60	60				
Great Lakes Public	40.8	13.6	.30	20	35	40	50	60	2,093	3.9		.284
Carnegie Class	41.7	13.1	.35	20	35	40	55	60	1,420	3.0		.230
NSSE 2013	42.1	13.6	.11	20	35	40	55	60	15,587	2.6		.191
<b>Reflective &amp; Integrative Learning</b>												
NMU (N = 36)	45.2	14.7	2.45	23	29	51	60	60				
Great Lakes Public	39.9	12.5	.27	20	31	40	49	60	36	5.3	*	.422
Carnegie Class	40.2	12.3	.33	20	31	40	49	60	36	4.9		.398
NSSE 2013	40.4	12.4	.10	20	31	40	51	60	35	4.7		.381
<b>Learning Strategies</b>												
NMU (N = 36)	42.0	14.2	2.37	20	33	40	57	60				
Great Lakes Public	39.4	14.8	.32	13	27	40	53	60	2,133	2.6		.178
Carnegie Class	42.0	14.2	.38	20	33	40	53	60	1,431	.0		.000
NSSE 2013	41.4	14.7	.12	20	33	40	53	60	15,754	.6		.043
<b>Quantitative Reasoning</b>												
NMU (N = 36)	27.6	17.5	2.92	0	20	23	37	60				
Great Lakes Public	23.1	16.7	.36	0	13	20	33	60	2,151	4.5		.269
Carnegie Class	24.8	16.8	.45	0	13	20	40	60	1,451	2.7		.163
NSSE 2013	24.5	17.0	.14	0	13	20	40	60	15,897	3.1		.182
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
NMU (N = 36)	39.6	14.2	2.37	15	30	38	50	60				
Great Lakes Public	34.4	13.8	.30	15	25	35	45	60	2,130	5.2	*	.372
Carnegie Class	35.1	13.5	.36	15	25	35	45	60	1,418	4.4		.327
NSSE 2013	34.0	14.1	.11	10	25	35	45	60	15,730	5.6	*	.396
<b>Discussions with Diverse Others</b>												
NMU (N = 36)	37.5	12.3	2.06	20	30	35	50	60				
Great Lakes Public	40.2	15.4	.34	15	30	40	55	60	2,145	-2.7		-.172
Carnegie Class	39.6	15.5	.41	15	30	40	55	60	1,443	-2.1		-.136
NSSE 2013	40.7	15.6	.12	15	30	40	60	60	15,859	-3.2		-.207

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Engagement Indicators: Education

### Northern Michigan University

#### Seniors<sup>a</sup> in Education

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
NMU (N = 36)	29.9	15.6	2.60	5	20	25	40	60				
Great Lakes Public	25.6	16.2	.35	0	15	25	35	60	2,126	4.3		.264
Carnegie Class	28.0	16.3	.43	5	15	25	40	60	1,446	1.9		.117
NSSE 2013	26.4	16.3	.13	0	15	25	40	60	15,769	3.4		.211
<b>Effective Teaching Practices</b>												
NMU (N = 36)	43.8	13.7	2.28	16	34	48	56	60				
Great Lakes Public	40.2	13.6	.30	16	32	40	52	60	2,159	3.6		.260
Carnegie Class	41.8	13.8	.37	16	32	40	52	60	1,463	1.9		.140
NSSE 2013	41.7	13.9	.11	16	32	40	52	60	16,016	2.0		.146
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
NMU (N = 35)	44.7	9.2	1.55	30	36	44	52	60				
Great Lakes Public	41.6	11.3	.25	20	35	43	50	60	2,050	3.1		.272
Carnegie Class	44.6	11.1	.30	23	38	46	53	60	1,428	.0		.004
NSSE 2013	43.8	11.3	.09	22	38	45	52	60	15,408	.9		.081
<b>Supportive Environment</b>												
NMU (N = 36)	40.9	13.0	2.17	20	31	40	53	60				
Great Lakes Public	32.6	14.0	.30	10	23	33	43	58	2,152	8.3	***	.593
Carnegie Class	33.8	14.3	.38	10	23	33	43	60	1,449	7.1	**	.496
NSSE 2013	34.5	14.2	.11	10	25	35	45	60	15,906	6.4	**	.451

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

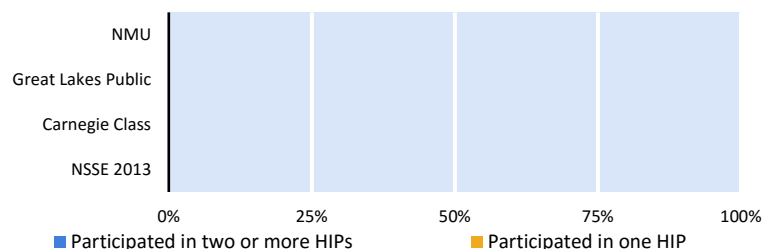
## High-Impact Practices: Education

### Northern Michigan University

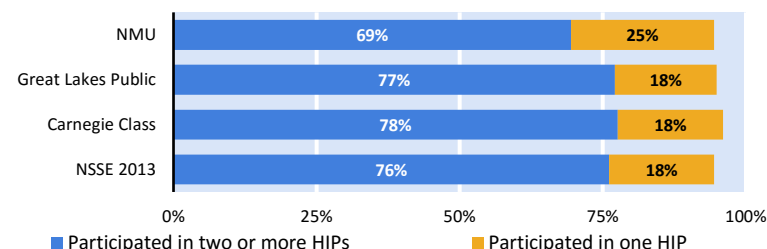
#### Overall HIP Participation<sup>a</sup>

The figures below display the percentage of students who participated in high-impact practices. Both figures include participation in learning communities, service-learning, and research with faculty. The senior figure also includes participation in internships or field experiences, study abroad, and culminating senior experiences. The first segment in each bar shows the percentage of students who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.

*First-Year Students in Education*



*Seniors in Education*



#### Statistical Comparisons<sup>a</sup>

The table below compares the percentage of your students who participated<sup>b</sup> in a high-impact practice, as well as the percentage who participated overall (at least one, two or more), with those at institutions in your comparison groups.

	NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
	%		% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>
<i>First-Year Students in Education</i>								
11c. Learning community								
12. Service-learning								
11e. Research with faculty								
<b>Participated in at least one</b>								
<b>Participated in two or more</b>								
<i>Seniors in Education</i>								
11c. Learning community	47		37	.22	34	.26	36	.23
12. Service-learning	89		83	.18	87	.06	83	.18
11e. Research with faculty	14		16	-.07	17	-.10	15	-.04
11a. Internship or field exp.	47		67 *	-.41	68 **	-.42	68 **	-.41
11d. Study abroad	19		11	.22	12	.20	11	.24
11f. Culminating senior exp.	42		49	-.15	52	-.21	49	-.15
<b>Participated in at least one</b>	94		95	-.02	96	-.07	94	.00
<b>Participated in two or more</b>	69		77	-.17	78	-.19	76	-.15

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
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	0	0	29	1	19	1	186	1	3.6	3.4 *	.30	3.4 *	.31	3.4 *	.30
		2	Sometimes	2	6	294	14	189	13	2,274	14							
		3	Often	10	28	653	30	462	32	4,878	30							
		4	Very often	24	67	1,168	54	761	53	8,696	54							
		Total	36	100	2,144	100	1,431	100	16,034	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	10	28	431	20	193	13	2,681	17	2.3	2.4	-.12	2.6	-.32	2.5	-.24
		2	Sometimes	12	33	782	37	488	34	5,502	34							
		3	Often	7	19	510	24	408	29	4,178	26							
		4	Very often	7	19	414	19	341	24	3,618	23							
		Total	36	100	2,137	100	1,430	100	15,979	100								
c. Come to class without completing readings or assignments	unpreparedr  (Reverse-coded version of unprepared created by NSSE.)	1	Very often	5	14	120	6	61	4	737	5	2.8	3.0	-.32	3.1 **	-.47	3.1 **	-.44
		2	Often	1	3	268	13	134	9	1,588	10							
		3	Sometimes	27	75	1,177	55	785	55	8,698	55							
		4	Never	3	8	563	26	444	31	4,897	31							
		Total	36	100	2,128	100	1,424	100	15,920	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	7	19	914	43	498	35	6,002	38	2.5	1.9 ***	.64	2.0 **	.48	2.0 **	.52
		2	Sometimes	12	33	764	36	560	39	6,012	38							
		3	Often	9	25	239	11	196	14	2,068	13							
		4	Very often	8	22	212	10	169	12	1,850	12							
		Total	36	100	2,129	100	1,423	100	15,932	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	2	6	178	8	95	7	1,544	10	2.9	2.5 *	.41	2.6 *	.39	2.5 **	.45
		2	Sometimes	11	31	953	45	656	46	7,282	46							
		3	Often	12	33	672	32	448	32	4,731	30							
		4	Very often	11	31	329	15	223	16	2,403	15							
		Total	36	100	2,132	100	1,422	100	15,960	100								
f. Explained course material to one or more students	CLexplain	1	Never	0	0	49	2	31	2	625	4	3.2	2.9 *	.35	2.9 *	.39	2.8 *	.41
		2	Sometimes	10	28	663	31	472	33	5,235	33							
		3	Often	10	28	887	42	588	41	6,342	40							
		4	Very often	16	44	524	25	330	23	3,728	23							
		Total	36	100	2,123	100	1,421	100	15,930	100								

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	4	11	352	16	165	12	2,517	16	2.7	2.5	.22	2.6	.08	2.5	.19
		2	Sometimes	13	36	748	35	472	33	5,511	35							
		3	Often	8	22	630	29	474	33	4,822	30							
		4	Very often	11	31	406	19	304	21	3,112	19							
		Total	36	100	2,136	100	1,415	100	15,962	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	1	3	81	4	49	3	775	5	3.1	2.9	.23	3.0	.21	2.9	.24
		2	Sometimes	7	19	586	27	373	26	4,335	27							
		3	Often	14	39	841	39	581	41	6,068	38							
		4	Very often	14	39	624	29	420	30	4,787	30							
		Total	36	100	2,132	100	1,423	100	15,965	100								
i. Gave a course presentation	present	1	Never	0	0	130	6	69	5	1,231	8	3.3	2.9 *	.34	3.0	.28	2.9 *	.34
		2	Sometimes	5	14	534	25	334	23	3,854	24							
		3	Often	17	47	797	37	540	38	5,656	35							
		4	Very often	14	39	675	32	481	34	5,228	33							
		Total	36	100	2,136	100	1,424	100	15,969	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	0	0	43	2	36	3	357	2	3.4	3.1 *	.36	3.1 *	.39	3.1 *	.36
		2	Sometimes	7	19	494	23	314	22	3,611	23							
		3	Often	8	22	810	38	585	41	6,180	39							
		4	Very often	21	58	781	37	491	34	5,820	36							
		Total	36	100	2,128	100	1,426	100	15,968	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	1	3	71	3	55	4	552	3	3.1	2.9	.26	3.0	.22	3.0	.22
		2	Sometimes	10	28	646	31	380	27	4,471	28							
		3	Often	8	22	792	37	561	40	6,051	38							
		4	Very often	17	47	606	29	420	30	4,789	30							
		Total	36	100	2,115	100	1,416	100	15,863	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	2	6	97	5	66	5	770	5	3.1	2.9	.29	2.9	.31	2.9	.30
		2	Sometimes	7	19	678	32	440	31	4,912	31							
		3	Often	11	31	725	34	530	37	5,711	36							
		4	Very often	16	44	621	29	389	27	4,529	28							
		Total	36	100	2,121	100	1,425	100	15,922	100								

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	0	0	75	4	46	3	473	3	3.2	2.9 *	.40	2.9 *	.35	2.9 *	.34
		2	Sometimes	9	25	652	31	393	28	4,613	29							
		3	Often	11	31	872	41	618	44	6,553	41							
		4	Very often	16	44	518	24	359	25	4,246	27							
		Total	36	100	2,117	100	1,416	100	15,885	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	0	0	56	3	26	2	348	2	3.3	2.9 **	.44	3.0 *	.41	3.0 *	.41
		2	Sometimes	9	25	589	28	368	26	4,225	27							
		3	Often	7	19	886	42	633	44	6,755	42							
		4	Very often	20	56	592	28	396	28	4,574	29							
		Total	36	100	2,123	100	1,423	100	15,902	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	33	2	23	2	239	2	3.2	2.9 *	.39	2.9 *	.35	3.0	.32
		2	Sometimes	8	22	678	32	397	28	4,549	29							
		3	Often	12	33	851	40	630	44	6,597	42							
		4	Very often	16	44	554	26	370	26	4,506	28							
		Total	36	100	2,116	100	1,420	100	15,891	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	7	0	7	0	72	0	3.4	3.3	.10	3.3	.12	3.4	.08
		2	Sometimes	5	14	259	12	164	12	1,768	11							
		3	Often	11	31	849	40	598	42	6,365	40							
		4	Very often	20	56	1,000	47	649	46	7,660	48							
		Total	36	100	2,115	100	1,418	100	15,865	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	2	6	265	13	119	8	1,819	11	2.8	2.6	.22	2.8	.08	2.7	.18
		2	Sometimes	13	36	778	37	497	35	5,634	35							
		3	Often	10	28	583	28	424	30	4,549	29							
		4	Very often	11	31	494	23	386	27	3,909	25							
		Total	36	100	2,120	100	1,426	100	15,911	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	10	28	947	45	550	39	6,846	43	2.1	1.9	.18	2.1	.06	2.0	.15
		2	Sometimes	17	47	609	29	445	31	4,739	30							
		3	Often	4	11	312	15	231	16	2,412	15							
		4	Very often	5	14	241	11	196	14	1,872	12							
		Total	36	100	2,109	100	1,422	100	15,869	100								



# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	4	11	482	23	288	20	3,703	23	2.5	2.3	.22	2.4	.12	2.3	.20
		2	Sometimes	17	47	890	42	573	40	6,356	40							
		3	Often	9	25	453	21	338	24	3,481	22							
		4	Very often	6	17	292	14	225	16	2,332	15							
		Total	36	100	2,117	100	1,424	100	15,872	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	1	3	431	20	218	15	2,799	18	2.6	2.3	.25	2.4	.12	2.4	.18
		2	Sometimes	19	53	877	42	591	42	6,639	42							
		3	Often	11	31	501	24	380	27	3,926	25							
		4	Very often	5	14	301	14	234	16	2,510	16							
		Total	36	100	2,110	100	1,423	100	15,874	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	7	19	300	14	176	12	2,241	14	2.4	2.5	-.11	2.5	-.16	2.5	-.12
		2	Some	12	33	796	38	533	37	5,950	37							
		3	Quite a bit	13	36	700	33	488	34	5,259	33							
		4	Very much	4	11	321	15	226	16	2,476	16							
		Total	36	100	2,117	100	1,423	100	15,926	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	49	2	23	2	298	2	3.3	3.2	.24	3.2	.22	3.2	.17
		2	Some	4	11	347	16	228	16	2,461	16							
		3	Quite a bit	16	44	949	45	653	46	6,868	43							
		4	Very much	16	44	766	36	509	36	6,250	39							
		Total	36	100	2,111	100	1,413	100	15,877	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	69	3	32	2	450	3	3.3	3.1	.31	3.1	.29	3.1	.24
		2	Some	5	14	431	21	286	20	2,980	19							
		3	Quite a bit	14	40	901	43	628	44	6,642	42							
		4	Very much	16	46	698	33	469	33	5,780	36							
		Total	35	100	2,099	100	1,415	100	15,852	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	8	102	5	48	3	583	4	3.0	3.0	.08	3.0	.01	3.0	-.01
		2	Some	8	22	504	24	317	22	3,428	22							
		3	Quite a bit	10	28	880	42	609	43	6,661	42							
		4	Very much	15	42	621	29	443	31	5,211	33							
		Total	36	100	2,107	100	1,417	100	15,883	100								

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	0	0	86	4	30	2	488	3	3.3	3.0 *	.43	3.1 *	.35	3.1 *	.34
		2	Some	7	19	514	24	292	21	3,404	21							
		3	Quite a bit	10	28	874	42	653	46	6,688	42							
		4	Very much	19	53	632	30	437	31	5,278	33							
		Total	36	100	2,106	100	1,412	100	15,858	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	0	0	47	2	35	2	327	2	3.3	3.1	.16	3.2	.10	3.2	.07
		2	Some	6	17	371	17	218	15	2,523	16							
		3	Quite a bit	14	40	967	45	630	44	6,761	42							
		4	Very much	15	43	744	35	548	38	6,380	40							
		Total	35	100	2,129	100	1,431	100	15,991	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	47	2	39	3	363	2	3.2	3.1	.13	3.1	.06	3.2	.04
		2	Some	6	17	391	18	237	17	2,629	16							
		3	Quite a bit	17	47	1,002	47	619	44	6,935	44							
		4	Very much	13	36	685	32	527	37	6,014	38							
		Total	36	100	2,125	100	1,422	100	15,941	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	0	0	79	4	46	3	537	3	3.4	3.1 *	.37	3.1	.30	3.1	.29
		2	Some	5	14	388	18	253	18	2,836	18							
		3	Quite a bit	12	33	909	43	570	40	6,290	40							
		4	Very much	19	53	735	35	553	39	6,246	39							
		Total	36	100	2,111	100	1,422	100	15,909	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	5	14	183	9	108	8	1,311	8	3.0	2.9	.12	3.0	.00	2.9	.04
		2	Some	6	17	586	28	317	22	3,831	24							
		3	Quite a bit	10	28	704	33	501	35	5,369	34							
		4	Very much	15	42	651	31	497	35	5,424	34							
		Total	36	100	2,124	100	1,423	100	15,935	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	2	6	150	7	72	5	912	6	3.1	2.9	.27	3.0	.12	3.0	.15
		2	Some	6	17	557	26	320	23	3,675	23							
		3	Quite a bit	14	39	815	39	557	39	6,083	38							
		4	Very much	14	39	587	28	470	33	5,209	33							
		Total	36	100	2,109	100	1,419	100	15,879	100								

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
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	6	17	492	23	283	20	3,215	20	2.5	2.3	.24	2.4	.15	2.3	.17
		2	Sometimes	14	39	816	38	556	39	6,330	40							
		3	Often	8	22	575	27	387	27	4,230	26							
		4	Very often	8	22	248	12	205	14	2,228	14							
		Total	36	100	2,131	100	1,431	100	16,003	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	6	17	628	29	346	24	4,143	26	2.4	2.1	.30	2.2	.18	2.2	.20
		2	Sometimes	16	44	884	42	608	42	6,650	42							
		3	Often	9	25	421	20	331	23	3,431	21							
		4	Very often	5	14	196	9	146	10	1,759	11							
		Total	36	100	2,129	100	1,431	100	15,983	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	7	19	583	27	357	25	4,101	26	2.3	2.1	.20	2.2	.12	2.2	.13
		2	Sometimes	18	50	919	43	596	42	6,855	43							
		3	Often	5	14	450	21	335	24	3,372	21							
		4	Very often	6	17	174	8	133	9	1,607	10							
		Total	36	100	2,126	100	1,421	100	15,935	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  (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	0	0	47	2	39	3	484	3	11.7	9.5	.31	9.0 *	.38	9.1 *	.37
		1.5	1-2	3	8	296	14	223	16	2,368	15							
		4	3-5	8	22	517	25	351	26	4,048	26							
		8	6-10	7	19	465	23	308	23	3,395	22							
		13	11-15	6	17	276	13	172	13	1,846	12							
		18	16-20	5	14	172	8	97	7	1,209	8							
		23	More than 20	7	19	290	14	178	13	2,037	13							
		Total	36	100	2,063	100	1,368	100	15,387	100								
b. Between 6 and 10 pages	wrmednum  (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	11	31	349	17	268	20	3,097	21	2.3	3.6	-.33	3.4	-.28	3.4	-.28
		1.5	1-2	11	31	727	36	499	37	5,488	36							
		4	3-5	10	29	576	29	341	25	3,932	26							
		8	6-10	3	9	238	12	150	11	1,622	11							
		13	11-15	0	0	75	4	49	4	548	4							
		18	16-20	0	0	26	1	17	1	185	1							
		23	More than 20	0	0	27	1	14	1	189	1							
		Total	35	100	2,018	100	1,338	100	15,061	100								

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
c. 11 pages or more	wrlongnum	0	None	19	54	823	41	605	45	6,626	45	0.9	2.0 ***	-.31	1.9 ***	-.28	1.9 ***	-.28
		1.5	1-2	13	37	790	39	476	36	5,528	37							
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	3	9	254	13	154	12	1,670	11							
		8	6-10	0	0	75	4	49	4	497	3							
		13	11-15	0	0	27	1	14	1	218	1							
		18	16-20	0	0	14	1	10	1	119	1							
		23	More than 20	0	0	22	1	22	2	192	1							
			Total	35	100	2,005	100	1,330	100	14,850	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)																
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	3	8	120	6	82	6	746	5	2.5	2.9 *	-.43	2.9 *	-.42	3.0 **	-.55
		2	Sometimes	16	44	645	30	431	30	4,306	27							
		3	Often	12	33	640	30	442	31	4,680	29							
		4	Very often	5	14	732	34	475	33	6,268	39							
		Total	36	100	2,137	100	1,430	100	16,000	100								
b. People from an economic background other than your own	DDeconomic	1	Never	0	0	69	3	54	4	518	3	3.0	3.0	-.06	3.0	-.03	3.1	-.11
		2	Sometimes	9	25	524	25	355	25	3,678	23							
		3	Often	18	50	774	36	520	37	5,493	34							
		4	Very often	9	25	766	36	495	35	6,286	39							
		Total	36	100	2,133	100	1,424	100	15,975	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	1	3	114	5	79	6	939	6	3.0	3.0	.02	3.0	.05	3.0	.04
		2	Sometimes	11	31	580	27	397	28	4,502	28							
		3	Often	11	31	663	31	456	32	4,771	30							
		4	Very often	13	36	772	36	489	34	5,732	36							
		Total	36	100	2,129	100	1,421	100	15,944	100								
d. People with political views other than your own	DDpolitical	1	Never	0	0	84	4	63	4	660	4	3.0	3.1	-.12	3.0	-.06	3.1	-.10
		2	Sometimes	13	36	491	23	348	25	3,889	24							
		3	Often	11	31	726	34	496	35	5,210	33							
		4	Very often	12	33	818	39	513	36	6,153	39							
		Total	36	100	2,119	100	1,420	100	15,912	100								

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

Seniors in Education				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	0	0	42	2	17	1	258	2	3.5	3.3	.31	3.3	.25	3.3	.23	
		2	Sometimes	5	14	322	15	186	13	2,087	13								
		3	Often	8	22	808	38	557	39	5,824	36								
		4	Very often	23	64	957	45	667	47	7,811	49								
		Total	36	100	2,129	100	1,427	100	15,980	100									
b. Reviewed your notes after class	LSnotes	1	Never	3	8	149	7	68	5	1,024	6	3.0	2.8	.16	3.0	.00	2.9	.05	
		2	Sometimes	9	25	708	33	405	28	4,591	29								
		3	Often	10	28	638	30	441	31	4,887	31								
		4	Very often	14	39	624	29	508	36	5,418	34								
		Total	36	100	2,119	100	1,422	100	15,920	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	2	6	161	8	63	4	892	6	2.8	2.8	-.01	3.0	-.20	3.0	-.15	
		2	Sometimes	14	39	629	30	358	25	4,143	26								
		3	Often	8	22	710	34	489	35	5,391	34								
		4	Very often	12	33	611	29	498	35	5,380	34								
		Total	36	100	2,111	100	1,408	100	15,806	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	12	1	7	0	60	0	5.7	5.6	.04	5.8	-.16	5.8	-.12	
		2		0	0	30	1	4	0	159	1								
		3		1	3	50	2	32	2	345	2								
		4		1	3	189	9	91	6	1,089	7								
		5		15	42	591	28	349	24	3,996	25								
		6		11	31	758	36	495	35	5,328	33								
		7	Very much	8	22	500	23	447	31	4,997	31								
		Total	36	100	2,130	100	1,425	100	15,974	100									

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

			Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>								
			NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013		
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options		Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
11. Which of the following have you done or do you plan to do before you graduate? <sup>o</sup>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	0	0	19	1	33	2	284	2	47%	67% *	-.41	68% **	-.42	68% **	-.41	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	1	3	50	2	33	2	420	3									
	Plan to do	18	50	633	30	394	28	4,484	28										
	Done or in progress	17	47	1,436	67	969	68	10,813	68										
	Total	36	100	2,138	100	1,429	100	16,001	100										
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	3	8	186	9	157	11	1,723	11	56%	37% *	.38	36% *	.40	35% *	.41	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	12	33	1,060	50	667	47	7,500	47									
	Plan to do	1	3	106	5	90	6	1,090	7										
	Done or in progress	20	56	781	37	512	36	5,647	35										
	Total	36	100	2,133	100	1,426	100	15,960	100										
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	3	8	205	10	187	13	1,902	12	47%	37%	.22	34%	.26	36%	.23	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	15	42	1,014	48	605	42	6,879	43									
	Plan to do	1	3	131	6	143	10	1,438	9										
	Done or in progress	17	47	778	37	492	34	5,727	36										
	Total	36	100	2,128	100	1,427	100	15,946	100										
d. Participate in a study abroad program	abroad		Have not decided	5	14	224	11	163	11	1,837	12	19%	11%	.22	12%	.20	11%	.24	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	22	61	1,522	72	1,001	70	11,336	71									
	Plan to do	2	6	136	6	87	6	1,033	6										
	Done or in progress	7	19	242	11	172	12	1,729	11										
	Total	36	100	2,124	100	1,423	100	15,935	100										
e. Work with a faculty member on a research project	research		Have not decided	5	14	316	15	217	15	2,512	16	14%	16%	-.07	17%	-.10	15%	-.04	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	25	69	1,296	61	842	60	9,475	60									
	Plan to do	1	3	160	8	109	8	1,412	9										
	Done or in progress	5	14	348	16	247	17	2,434	15										
	Total	36	100	2,120	100	1,415	100	15,833	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	3	8	152	7	95	7	1,302	8	42%	49%	-.15	52%	-.21	49%	-.15	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	3	8	348	16	207	15	2,584	16									
	Plan to do	15	42	580	27	379	27	4,196	26										
	Done or in progress	15	42	1,051	49	741	52	7,855	49										
	Total	36	100	2,131	100	1,422	100	15,937	100										

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

Seniors in Education				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>									
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013			
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>			
12. About how many of your courses at this institution have included a community-based project (service-learning)?																					
	servcourse	1	None	4	11	370	17	185	13	2,755	17	2.3	2.1 *	.34	2.2	.17	2.1	.28			
		2	Some	19	53	1,297	61	855	60	9,446	59										
		3	Most	12	33	433	20	354	25	3,376	21										
		4	All	1	3	30	1	33	2	387	2										
		Total		36	100	2,130	100	1,427	100	15,964	100										
13. Indicate the quality of your interactions with the following people at your institution.																					
a. Students	Qlstudent	1	Poor	0	0	12	1	5	0	84	1	6.1	5.8	.21	6.0	.09	5.9	.11			
		2		0	0	26	1	9	1	158	1										
		3		0	0	65	3	37	3	404	3										
		4		4	11	157	7	79	6	1,050	7										
		5		3	8	447	21	284	20	2,967	19										
		6		16	44	719	34	464	32	5,106	32										
		7	Excellent	13	36	710	33	544	38	6,116	38										
		—	Not applicable	0	0	5	0	6	0	120	1										
		Total		36	100	2,141	100	1,428	100	16,005	100										
b. Academic advisors	Qladvisor	1	Poor	2	6	155	7	61	4	823	5	4.8	4.9	-.02	5.5	-.37	5.2	-.22			
		2		5	14	144	7	57	4	863	5										
		3		3	8	188	9	83	6	1,193	7										
		4		5	14	271	13	131	9	1,771	11										
		5		3	8	415	20	250	18	2,747	17										
		6		8	22	439	21	311	22	3,261	20										
		7	Excellent	10	28	496	23	529	37	5,188	32										
		—	Not applicable	0	0	19	1	4	0	123	1										
		Total		36	100	2,127	100	1,426	100	15,969	100										
c. Faculty	Qlfaculty	1	Poor	0	0	19	1	13	1	156	1	5.7	5.5	.12	5.7	-.03	5.7	-.01			
		2		0	0	32	2	25	2	237	1										
		3		0	0	108	5	51	4	634	4										
		4		5	14	215	10	122	9	1,396	9										
		5		10	29	536	25	300	21	3,476	22										
		6		12	34	708	33	462	33	5,072	32										
		7	Excellent	8	23	485	23	440	31	4,777	30										
		—	Not applicable	0	0	11	1	4	0	95	1										
		Total		35	100	2,114	100	1,417	100	15,843	100										

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	0	0	106	5	61	4	725	5	5.5	4.8 *	.43	5.1	.27	5.0	.32
		2		0	0	88	4	54	4	641	4							
		3		2	6	131	6	92	6	1,002	6							
		4		5	14	275	13	150	11	1,826	11							
		5		9	25	387	18	264	19	2,909	18							
		6		8	22	381	18	291	20	2,948	19							
		7	Excellent	9	25	259	12	262	18	2,648	17							
		—	Not applicable	3	8	501	24	249	17	3,218	20							
	Total	36	100	2,128	100	1,423	100	15,917	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	0	0	120	6	66	5	738	5	5.3	4.7 *	.32	5.1	.12	5.0	.16
		2		0	0	138	6	62	4	867	5							
		3		2	6	200	9	110	8	1,273	8							
		4		9	25	330	15	187	13	2,219	14							
		5		7	19	456	21	312	22	3,424	21							
		6		12	33	464	22	345	24	3,503	22							
		7	Excellent	5	14	296	14	299	21	3,300	21							
		—	Not applicable	1	3	137	6	39	3	635	4							
	Total	36	100	2,141	100	1,420	100	15,959	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	1	3	48	2	30	2	304	2	3.0	3.1	-.08	3.1	-.12	3.1	-.17
		2	Some	7	20	410	19	260	18	2,786	17							
		3	Quite a bit	18	51	1,029	48	684	48	7,369	46							
		4	Very much	9	26	642	30	445	31	5,467	34							
			Total	35	100	2,129	100	1,419	100	15,926	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	6	83	4	44	3	576	4	3.2	3.0	.28	3.0	.22	3.1	.17
		2	Some	3	8	497	24	321	23	3,205	20							
		3	Quite a bit	17	47	939	45	612	43	6,789	43							
		4	Very much	14	39	591	28	434	31	5,245	33							
			Total	36	100	2,110	100	1,411	100	15,815	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	0	0	186	9	128	9	1,379	9	3.2	2.8 *	.39	2.8 *	.37	2.9	.30
		2	Some	8	22	542	26	357	25	3,594	23							
		3	Quite a bit	13	36	820	39	532	38	5,924	37							
		4	Very much	15	42	564	27	396	28	4,954	31							
			Total	36	100	2,112	100	1,413	100	15,851	100							



# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

Seniors in Education				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>							
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	3	8	343	16	201	14	2,207	14	2.7	2.5	.20	2.6	.12	2.6	.08	
		2	Some	14	39	733	35	469	33	5,014	32								
		3	Quite a bit	9	25	632	30	431	30	4,974	31								
		4	Very much	10	28	408	19	315	22	3,696	23								
		Total	36	100	2,116	100	1,416	100	15,891	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	3	143	7	88	6	989	6	3.3	2.9 **	.46	2.9 **	.45	3.0 *	.40	
		2	Some	4	11	524	25	338	24	3,590	23								
		3	Quite a bit	13	36	820	39	563	40	6,111	38								
		4	Very much	18	50	636	30	425	30	5,197	33								
		Total	36	100	2,123	100	1,414	100	15,887	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	0	0	238	11	147	10	1,618	10	3.4	2.8 ***	.61	2.8 ***	.61	2.8 **	.55	
		2	Some	6	17	560	26	365	26	3,949	25								
		3	Quite a bit	11	31	759	36	540	38	5,696	36								
		4	Very much	19	53	564	27	362	26	4,603	29								
		Total	36	100	2,121	100	1,414	100	15,866	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	7	19	797	38	454	32	5,056	32	2.4	2.0 *	.41	2.2	.23	2.1	.24	
		2	Some	14	39	724	34	475	34	5,402	34								
		3	Quite a bit	9	25	405	19	299	21	3,413	22								
		4	Very much	6	17	188	9	185	13	1,974	12								
		Total	36	100	2,114	100	1,413	100	15,845	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	1	3	275	13	175	12	1,989	13	3.2	2.6 ***	.60	2.7 ***	.56	2.7 ***	.49	
		2	Some	5	14	658	31	416	30	4,226	27								
		3	Quite a bit	15	42	709	34	492	35	5,488	35								
		4	Very much	15	42	461	22	326	23	4,103	26								
		Total	36	100	2,103	100	1,409	100	15,806	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	1	3	383	18	230	16	2,669	17	2.9	2.4 ***	.60	2.5 **	.46	2.5 **	.47	
		2	Some	12	33	815	39	503	36	5,527	35								
		3	Quite a bit	11	31	619	29	425	30	4,846	31								
		4	Very much	12	33	290	14	253	18	2,777	18								
		Total	36	100	2,107	100	1,411	100	15,819	100									

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs  <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	0	0	7	0	4	0	32	0	16.1	14.9	.13	15.2	.10	15.2	.10
		3	1-5 hrs	3	8	249	12	179	13	1,880	12							
		8	6-10 hrs	8	22	501	24	284	20	3,625	23							
		13	11-15 hrs	7	19	486	23	308	22	3,385	21							
		18	16-20 hrs	7	19	374	18	288	20	2,929	18							
		23	21-25 hrs	7	19	217	10	173	12	1,797	11							
		28	26-30 hrs	1	3	142	7	103	7	1,081	7							
		33	More than 30 hrs	3	8	151	7	86	6	1,200	8							
		Total	36	100	2,127	100	1,425	100	15,929	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs  <i>(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	12	33	1,015	48	645	45	7,431	47	6.3	4.1	.35	4.2	.33	4.2	.32
		3	1-5 hrs	11	31	604	28	439	31	4,651	29							
		8	6-10 hrs	5	14	240	11	158	11	1,695	11							
		13	11-15 hrs	4	11	115	5	74	5	862	5							
		18	16-20 hrs	1	3	63	3	52	4	592	4							
		23	21-25 hrs	0	0	40	2	26	2	286	2							
		28	26-30 hrs	3	8	21	1	16	1	139	1							
		33	More than 30 hrs	0	0	22	1	12	1	195	1							
		Total	36	100	2,120	100	1,422	100	15,851	100								
c. Working for pay on campus	tmworkonhrs  <i>(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	19	54	1,589	75	1,034	73	11,791	74	6.8	3.5 *	.45	3.3 *	.52	3.2 *	.54
		3	1-5 hrs	1	3	66	3	77	5	727	5							
		8	6-10 hrs	2	6	122	6	126	9	1,198	8							
		13	11-15 hrs	6	17	137	6	76	5	821	5							
		18	16-20 hrs	6	17	111	5	56	4	835	5							
		23	21-25 hrs	0	0	54	3	24	2	244	2							
		28	26-30 hrs	0	0	28	1	11	1	113	1							
		33	More than 30 hrs	1	3	16	1	17	1	139	1							
		Total	35	100	2,123	100	1,421	100	15,868	100								

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

Seniors in Education				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	16	46	797	38	550	39	6,471	41	8.6	11.7	-.26	12.1	-.27	11.5	-.23
		3	1-5 hrs	2	6	157	7	94	7	1,117	7							
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	6	17	158	8	122	9	1,269	8							
		13	11-15 hrs	2	6	174	8	118	8	1,158	7							
		18	16-20 hrs	2	6	240	11	130	9	1,409	9							
		23	21-25 hrs	4	11	180	9	95	7	1,074	7							
		28	26-30 hrs	1	3	150	7	76	5	898	6							
		33	More than 30 hrs	2	6	239	11	233	16	2,365	15							
		Total	35	100	2,095	100	1,418	100	15,761	100								
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	14	39	886	42	551	39	6,295	40	2.8	3.3	-.09	3.7	-.16	3.6	-.14
		3	1-5 hrs	17	47	889	42	586	42	6,670	42							
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	4	11	186	9	160	11	1,530	10							
		13	11-15 hrs	0	0	64	3	42	3	535	3							
		18	16-20 hrs	1	3	35	2	26	2	264	2							
		23	21-25 hrs	0	0	10	0	13	1	136	1							
		28	26-30 hrs	0	0	10	0	8	1	75	0							
		33	More than 30 hrs	0	0	23	1	18	1	230	1							
		Total	36	100	2,103	100	1,404	100	15,735	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	30	1	47	3	460	3	14.0	10.5 **	.45	9.7 ***	.57	9.7 *	.57
		3	1-5 hrs	5	14	605	29	475	34	5,201	33							
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	12	33	635	30	370	26	4,525	29							
		13	11-15 hrs	8	22	398	19	229	16	2,650	17							
		18	16-20 hrs	4	11	226	11	156	11	1,534	10							
		23	21-25 hrs	1	3	104	5	77	5	718	5							
		28	26-30 hrs	1	3	47	2	21	1	304	2							
		33	More than 30 hrs	5	14	71	3	32	2	438	3							
		Total	36	100	2,116	100	1,407	100	15,830	100								

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>k</sup>						
				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>i</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
g. Providing care for dependents (children, parents, etc.)	tmcarehrs  (Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	30	86	1,372	65	810	57	9,214	58	1.3	5.9 ***	-.42	8.3 ***	-.55	8.0 ***	-.53
		3	1-5 hrs	4	11	241	11	149	11	1,720	11							
		8	6-10 hrs	0	0	96	5	76	5	768	5							
		13	11-15 hrs	0	0	56	3	35	2	467	3							
		18	16-20 hrs	0	0	40	2	41	3	423	3							
		23	21-25 hrs	0	0	21	1	28	2	252	2							
		28	26-30 hrs	0	0	11	1	13	1	219	1							
		33	More than 30 hrs	1	3	266	13	258	18	2,734	17							
		Total	35	100	2,103	100	1,410	100	15,797	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs  (Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	3	8	248	12	209	15	2,983	19	3.4	5.0 ***	-.32	4.9 **	-.26	4.7 **	-.24
		3	1-5 hrs	29	81	1,216	57	847	60	8,561	54							
		8	6-10 hrs	3	8	473	22	226	16	2,913	18							
		13	11-15 hrs	1	3	103	5	68	5	789	5							
		18	16-20 hrs	0	0	35	2	24	2	250	2							
		23	21-25 hrs	0	0	15	1	13	1	117	1							
		28	26-30 hrs	0	0	5	0	7	0	71	0							
		33	More than 30 hrs	0	0	22	1	24	2	194	1							
		Total	36	100	2,117	100	1,418	100	15,878	100								
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											15.4	15.1	.02	15.3	.01	14.6	.06
16. Of the time you spend preparing for class in a typical 7-day week, about how many hours are on assigned reading?																		
	tmreadhrs  (Recoded version of tmread created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	3	8	134	6	57	4	770	5	5.7	5.8	-.04	6.3	-.12	6.3	-.12
		3	1-5 hrs	17	47	1,179	55	778	55	8,517	53							
		8	6-10 hrs	12	33	519	24	360	25	4,145	26							
		13	11-15 hrs	3	8	194	9	131	9	1,456	9							
		18	16-20 hrs	1	3	72	3	68	5	661	4							
		23	21-25 hrs	0	0	16	1	20	1	218	1							
		28	26-30 hrs	0	0	8	0	9	1	82	1							
		33	More than 30 hrs	0	0	11	1	4	0	108	1							
		Total	36	100	2,133	100	1,427	100	15,957	100								

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

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				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
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	3	8	126	6	58	4	811	5	3.2	3.0	.22	3.1	.13	3.1	.13
		2	Some	2	6	482	23	282	20	3,144	20							
		3	Quite a bit	16	44	792	37	565	40	5,967	37							
		4	Very much	15	42	727	34	523	37	6,042	38							
		Total	36	100	2,127	100	1,428	100	15,964	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	1	3	155	7	68	5	954	6	3.1	2.9	.22	3.1	.05	3.0	.11
		2	Some	6	17	491	23	252	18	3,214	20							
		3	Quite a bit	16	44	802	38	580	41	5,924	37							
		4	Very much	13	36	676	32	526	37	5,826	37							
		Total	36	100	2,124	100	1,426	100	15,918	100								
c. Thinking critically and analytically	pgthink	1	Very little	1	3	50	2	29	2	357	2	3.5	3.2	.30	3.3	.25	3.3	.23
		2	Some	2	6	322	15	176	12	1,983	12							
		3	Quite a bit	12	33	829	39	581	41	6,210	39							
		4	Very much	21	58	921	43	633	45	7,355	46							
		Total	36	100	2,122	100	1,419	100	15,905	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	5	14	411	19	237	17	2,800	18	2.5	2.4	.06	2.5	-.03	2.5	-.02
		2	Some	15	42	789	37	525	37	5,678	36							
		3	Quite a bit	10	28	545	26	365	26	4,183	26							
		4	Very much	6	17	374	18	292	21	3,240	20							
		Total	36	100	2,119	100	1,419	100	15,901	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	1	3	114	5	64	4	676	4	3.3	3.2	.17	3.2	.08	3.2	.07
		2	Some	7	19	369	17	208	15	2,347	15							
		3	Quite a bit	8	22	719	34	487	34	5,324	33							
		4	Very much	20	56	921	43	668	47	7,576	48							
		Total	36	100	2,123	100	1,427	100	15,923	100								
f. Working effectively with others	pgothers	1	Very little	1	3	97	5	38	3	545	3	3.3	3.1	.21	3.2	.06	3.2	.09
		2	Some	6	17	402	19	223	16	2,560	16							
		3	Quite a bit	11	31	821	39	542	38	5,874	37							
		4	Very much	18	50	798	38	623	44	6,927	44							
		Total	36	100	2,118	100	1,426	100	15,906	100								

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Education

### Northern Michigan University

#### Seniors in Education

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				NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU	Great Lakes Public		Carnegie Class		NSSE 2013	
Item wording or description	Variable name <sup>j</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	2	6	264	12	100	7	1,356	9	2.9	2.8	.12	3.0	-.15	3.0	-.10
		2	Some	12	34	575	27	302	21	3,406	21							
		3	Quite a bit	9	26	684	32	488	34	5,336	34							
		4	Very much	12	34	602	28	534	38	5,819	37							
		Total	35	100	2,125	100	1,424	100	15,917	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	3	8	203	10	85	6	1,127	7	2.9	2.8	.05	3.0	-.10	2.9	-.06
		2	Some	8	22	555	26	334	23	3,922	25							
		3	Quite a bit	15	42	737	35	526	37	5,569	35							
		4	Very much	10	28	630	30	479	34	5,303	33							
		Total	36	100	2,125	100	1,424	100	15,921	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	4	11	230	11	102	7	1,274	8	3.0	2.7	.25	2.9	.12	2.9	.12
		2	Some	7	19	646	30	395	28	4,307	27							
		3	Quite a bit	11	31	715	34	517	36	5,669	36							
		4	Very much	14	39	532	25	406	29	4,665	29							
		Total	36	100	2,123	100	1,420	100	15,915	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	2	6	268	13	136	10	1,546	10	2.9	2.7	.20	2.8	.03	2.8	.06
		2	Some	11	31	682	32	368	26	4,430	28							
		3	Quite a bit	13	36	664	31	512	36	5,426	34							
		4	Very much	10	28	502	24	406	29	4,449	28							
		Total	36	100	2,116	100	1,422	100	15,851	100								
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	0	0	48	2	20	1	249	2	3.7	3.3 ***	.56	3.4 **	.45	3.4 **	.43
		2	Fair	1	3	211	10	124	9	1,416	9							
		3	Good	10	28	1,006	47	618	43	6,568	41							
		4	Excellent	25	69	862	41	665	47	7,727	48							
		Total	36	100	2,127	100	1,427	100	15,960	100								
19. If you could start over again, would you go to the same <i>institution</i> you are now attending?																		
	sameinst	1	Definitely no	0	0	84	4	44	3	542	3	3.6	3.3 ***	.43	3.3 **	.37	3.3 **	.33
		2	Probably no	1	3	252	12	167	12	1,645	10							
		3	Probably yes	12	33	823	39	507	36	5,541	35							
		4	Definitely yes	23	64	972	46	707	50	8,255	52							
		Total	36	100	2,131	100	1,425	100	15,983	100								

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Northern Michigan University

## Education

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 20	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
20. What is your class level?	class	Freshman/First-year									0	0	4	0	2	0	34	
		Sophomore									0	0	10	0	7	0	94	
		Junior									0	0	106	5	94	7	1,251	
		Senior									35	97	1,972	92	1,283	89	14,241	
		Unclassified									1	3	53	2	48	3	410	
		Total									36	100	2,145	100	1,434	100	16,030	
21. Thinking about this current academic term, are you a full-time student?	fulltime	No									0	0	235	11	189	13	2,098	
		Yes									36	100	1,896	89	1,240	87	13,893	
		Total									36	100	2,131	100	1,429	100	15,991	
22a. How many courses are you taking for credit this current academic term?	coursenum	0									0	0	26	1	61	4	458	
		1									0	0	170	8	148	10	1,372	
		2									7	19	357	17	239	17	2,589	
		3									0	0	233	11	138	10	1,808	
		4									9	25	463	22	285	20	3,307	
		5									10	28	457	21	255	18	2,813	
		6									4	11	222	10	153	11	1,715	
		7 or more									6	17	214	10	151	11	1,959	
		Total									36	100	2,142	100	1,430	100	16,021	
b. Of these, how many are entirely online?	onlinenum	0									25	69	1,677	80	1,050	76	11,615	
		1									8	22	302	14	190	14	2,119	
		2									3	8	79	4	86	6	815	
		3									0	0	31	1	21	2	355	
		4									0	0	9	0	15	1	336	
		5									0	0	3	0	1	0	75	
		6									0	0	3	0	2	0	105	
		7 or more									0	0	4	0	10	1	137	
		Total									36	100	2,108	100	1,375	100	15,557	
Student taking all courses online	allonline (Based on responses to coursenum and onlinenum.)	No									34	94	2,058	97	1,375	96	14,683	
		Yes									2	6	73	3	51	4	1,277	
		Total									36	100	2,131	100	1,426	100	15,960	

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Northern Michigan University

## Education

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 20	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
23a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One									29	81	1,842	86	1,172	82	13,601	
		More than one									7	19	305	14	264	18	2,467	
		Total									36	100	2,147	100	1,436	100	16,068	
First major or expected first major, in NSSE's default major field categories. (This does not reflect any customization made for the Major Field Report.)	MAJfirstcol (Recoded from MAJfirst.)	Arts & Humanities									0	0	0	0	0	0	0	
		Biological Sci., Agriculture, & Natural Resources									0	0	0	0	0	0	0	
		Physical Sci., Mathematics, & Computer Science									0	0	0	0	0	0	0	
		Social Sciences									0	0	0	0	0	0	0	
		Business									0	0	0	0	0	0	0	
		Communications, Media, & Public Relations									0	0	0	0	0	0	0	
		Education									36	100	2,147	100	1,436	100	16,074	
		Engineering									0	0	0	0	0	0	0	
		Health professions									0	0	0	0	0	0	0	
		Social service professions									0	0	0	0	0	0	0	
		All other									0	0	0	0	0	0	0	
		Undecided/undeclared									0	0	0	0	0	0	0	
		Total									36	100	2,147	100	1,436	100	16,074	
Second major or expected second major, in NSSE's default major field categories. (This does not reflect any customization made for the Major Field Report.)	MAJsecondcol (Recoded from MAJsecond.)	Arts & Humanities									1	14	49	16	39	15	513	
		Biological Sci., Agriculture, & Natural Resources									0	0	8	3	4	2	27	
		Physical Sci., Mathematics, & Computer Science									0	0	20	7	16	6	118	
		Social Sciences									0	0	13	4	15	6	222	
		Business									0	0	3	1	3	1	42	
		Communications, Media, & Public Relations									0	0	0	0	4	2	29	
		Education									6	86	193	64	149	57	1,269	
		Engineering									0	0	0	0	0	0	3	
		Health professions									0	0	5	2	6	2	51	
		Social service professions									0	0	1	0	2	1	12	
		All other									0	0	7	2	21	8	131	
		Undecided, undeclared									0	0	3	1	2	1	30	
		Total									7	100	302	100	261	100	2,447	



# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Northern Michigan University

## Education

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 20	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your grades been up to now at this institution?	grades	C- or lower									0	0	1	0	1	0	12	
		C									0	0	11	1	6	0	74	
		C+									0	0	19	1	11	1	202	
		B-									0	0	58	3	33	2	468	
		B									3	8	305	14	196	14	1,901	
		B+									7	19	364	17	271	19	2,727	
		A-									15	42	515	24	324	23	3,720	
		A									11	31	868	41	592	41	6,937	
		Total									36	100	2,141	100	1,434	100	16,041	
25. Did you begin college at this institution or elsewhere?	begincol	Started here									22	61	1,214	57	777	54	8,179	
		Started elsewhere									14	39	923	43	656	46	7,832	
		Total									36	100	2,137	100	1,433	100	16,011	
26. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school									0	0	119	6	123	9	1,079	
	attend_com	Community or junior college									10	28	895	42	536	37	7,166	
	attend_col	4-year college or university other than this one									9	25	492	23	355	25	4,057	
	attend_none	None									19	53	918	43	612	43	6,190	
	attend_other	Other									1	3	61	3	40	3	452	
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's									0	0	90	4	58	4	705	
		Bachelor's degree									6	17	417	19	332	23	3,584	
		Master's degree									24	67	1,368	64	835	59	9,297	
		Doctoral or professional degree									6	17	264	12	199	14	2,414	
		Total									36	100	2,139	100	1,424	100	16,000	

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Northern Michigan University

Education			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
Item wording or description	Variable name	Response options	NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 20	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school									0	0	60	3	106	7	942	
		High school diploma or G.E.D.									7	20	454	21	324	23	3,508	
		Attended college, but did not complete degree									6	17	301	14	196	14	2,012	
		Associate's degree (A.A., A.S., etc.)									4	11	284	13	188	13	1,885	
		Bachelor's degree (B.A., B.S., etc.)									9	26	584	27	366	26	4,249	
		Master's degree (M.A., M.S., etc.)									6	17	383	18	210	15	2,724	
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)									3	9	73	3	38	3	696	
		Total									35	100	2,139	100	1,428	100	16,016	
	First-generation status (Neither parent holds a bachelor's degree.)	No									18	51	1,040	49	614	43	7,669	
		Yes									17	49	1,099	51	814	57	8,347	
		Total									35	100	2,139	100	1,428	100	16,016	
29. What is your gender?	gender	Female									28	78	1,621	76	1,184	83	12,963	
		Male									8	22	519	24	246	17	3,032	
		Total									36	100	2,140	100	1,430	100	15,995	
30. Age Category	agecat (Recoded from birthyear.)	19 or younger									0	0	7	0	1	0	42	
		20-23									33	92	1,446	68	856	60	9,869	
		24-29									2	6	322	15	202	14	2,414	
		30-39									0	0	187	9	177	12	1,852	
		40-55									1	3	158	7	165	12	1,620	
		Over 55									0	0	16	1	19	1	150	
		Total									36	100	2,136	100	1,420	100	15,947	
31. Are you an international student or foreign national?	internat	No									36	100	2,107	99	1,383	98	15,500	
		Yes									0	0	25	1	31	2	365	
		Total									36	100	2,132	100	1,414	100	15,865	

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Northern Michigan University

## Education

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			NMU		Great Lakes		Carnegie Class		NSSE 2013		NMU		Great Lakes		Carnegie Class		NSSE 20	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native									0	0	26	1	26	2	245	
	re_asian	Asian									0	0	28	1	15	1	286	
	re_black	Black or African American									0	0	87	4	106	7	1,030	
	re_latino	Hispanic or Latino									0	0	57	3	148	10	1,512	
	re_pacific	Native Hawaiian/Other Pac. Islander									0	0	9	0	5	0	75	
	re_white	White									35	97	1,887	88	1,102	77	12,706	
	re_other	Other									0	0	22	1	24	2	227	
	re_pnr	I prefer not to respond									1	3	103	5	65	5	706	
Racial or ethnic identification	re_all	American Indian or Alaska Native									0	0	6	0	10	1	77	
	(Recoded from re_amind through re_pnr where each student is represented only once.)	Asian									0	0	15	1	8	1	177	
		Black or African American									0	0	69	3	99	7	887	
		Hispanic or Latino									0	0	34	2	120	8	1,210	
		Native Hawaiian/Other Pac. Islander									0	0	6	0	2	0	33	
		White									35	97	1,825	85	1,063	74	12,115	
		Other									0	0	13	1	13	1	125	
		Multiracial									0	0	68	3	51	4	681	
		I prefer not to respond									1	3	103	5	65	5	706	
		Total									36	100	2,139	100	1,431	100	16,011	
33. Are you a member of a social fraternity or sorority?	greek	No									36	100	1,898	89	1,345	94	14,493	
		Yes									0	0	238	11	81	6	1,492	
		Total									36	100	2,136	100	1,426	100	15,985	
34. Which of the following best describes where you are living while attending college?	living	Dormitory or other campus housing (not fraternity or sorority house)									11	31	195	9	241	17	2,269	
		Fraternity or sorority house									0	0	35	2	3	0	186	
		Residence, <b>within</b> walking dist.									19	53	594	28	299	21	3,470	
		Residence, <b>farther than</b> walking dist.									6	17	1,226	57	819	57	9,199	
		None of the above									0	0	89	4	67	5	873	
		Total									36	100	2,139	100	1,429	100	15,997	
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No									34	94	2,044	96	1,322	93	14,949	
		Yes									2	6	80	4	102	7	967	
		Total									36	100	2,124	100	1,424	100	15,916	

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Northern Michigan University

Education			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
Item wording or description	Variable name	Response options	NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 20	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No Yes Total									36	100	2,067	97	1,371	96	15,446	
											0	0	63	3	55	4	461	
											36	100	2,130	100	1,426	100	15,907	
37a. Have you been diagnosed with any disability or impairment?	disability	No Yes I prefer not to respond Total									31	86	1,901	89	1,256	88	14,260	
											5	14	160	7	125	9	1,255	
											0	0	74	3	40	3	447	
											36	100	2,135	100	1,421	100	15,962	
b. [If, yes] Which of the following have been diagnosed? (Select all that apply)	dis_sense dis_mobility dis_learning dis_mental dis_other	A sensory impairment A mobility impairment A learning disability A mental health disorder A disability not listed									1	20	23	10	16	10	197	
											0	0	15	6	9	5	134	
											2	40	90	38	61	37	632	
											3	60	43	18	22	13	247	
											0	0	29	12	39	24	297	
Disability or impairment	disability_all (Recorded from disability and dis_sense through dis_other where each student is represented only once.)	A sensory impairment A mobility impairment A learning disability A mental health disorder A disability not listed More than one disability No disability or impairment Prefer not to respond Total									1	3	17	1	11	1	124	
											0	0	8	0	3	0	74	
											1	3	63	3	48	3	495	
											2	6	26	1	11	1	147	
											0	0	15	1	31	2	205	
											1	3	30	1	21	1	206	
											31	86	1,901	89	1,256	88	14,260	
											0	0	74	3	40	3	447	
											36	100	2,134	100	1,421	100	15,958	
38. Which of the following best describes your sexual orientation? (Optional question administered per institution request.)	sexorient	Heterosexual Gay Lesbian Bisexual Questioning or unsure I prefer not to respond Total									--	--	722	89	412	87	4,250	
											--	--	7	1	4	1	48	
											--	--	4	0	6	1	54	
											--	--	16	2	10	2	73	
											--	--	6	1	1	0	20	
											--	--	52	6	39	8	319	
											--	--	807	100	472	100	4,764	

# NSSE 2013 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Education

Northern Michigan University

## Education

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			NMU		Great Lakes Public		Carnegie Class		NSSE 2013		NMU		Great Lakes Public		Carnegie Class		NSSE 20	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>Institution-reported information</b>																		
(Variables provided by your institution in your NSSE population file.)																		
Institution-reported: Gender	IRgender	Female									28	78	1,628	76	1,190	83	13,043	
		Male									8	22	519	24	246	17	3,029	
		Total									36	100	2,147	100	1,436	100	16,072	
Institution-reported: Race	IRrace	American Indian or Alaska Native									0	0	7	0	12	1	95	
		Asian									0	0	19	1	8	1	132	
		Black or African American									0	0	71	4	83	7	839	
		Hispanic or Latino									0	0	36	2	141	12	1,348	
		Native Hawaiian/Other Pac. Islander									0	0	2	0	0	0	18	
		White									0	0	1,558	88	910	75	10,789	
		Other									0	0	0	0	2	0	74	
		Foreign or nonresident alien									0	0	11	1	3	0	79	
		Two or more races/ethnicities									0	0	21	1	10	1	152	
		Unknown									0	0	52	3	52	4	888	
		Total									0	0	1,777	100	1,221	100	14,414	
Institution-reported: Class level	IRclass	Freshman/First-Year									0	0	0	0	0	0	0	
		Sophomore									0	0	0	0	0	0	0	
		Junior									0	0	0	0	0	0	0	
		Senior									36	100	2,147	100	1,436	100	16,074	
		Other									0	0	0	0	0	0	0	
		Total									36	100	2,147	100	1,436	100	16,074	
Institution-reported: First-time first-year (FTFY)	IRftfy	No									36	100	2,147	100	1,434	100	15,586	
		Yes									0	0	0	0	2	0	488	
		Total									36	100	2,147	100	1,436	100	16,074	
Institution-reported: Enrollment status	IRenrollment	Not full-time									1	3	267	12	219	15	2,297	
		Full-time									35	97	1,880	88	1,217	85	13,777	
		Total									36	100	2,147	100	1,436	100	16,074	

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6

100

\_\_\_\_\_  
0

0

0

100

0

100

\_\_\_\_\_  
97

3

100

\_\_\_\_\_  
14

86

100

\_\_\_\_\_  
100

## Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean  $\pm 1.96 * SEM$ .
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the t-tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance: \* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$  (2-tailed).
- g. Effect size is the mean difference divided by the pooled standard deviation.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. \* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$  (z-test comparing participation rates).
- j. Cohen's  $h$ : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. An effect size of .2 is generally considered small, .5 medium, and .8 large.
- k. All results are unweighted. 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.
- l. 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.
- m. 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.
- n. Effect size for independent t-tests uses Cohen's  $d$ ; z-tests use Cohen's  $h$ . See page 2 for more details.
- o. Statistical comparison uses z-test to compare the percentage who responded "Done or in progress."