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# Northern Michigan University

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

### ***Comparisons to Other Institutions***

### **Health Professions**

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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 'Health Professions' includes the following majors: Allied health; Dentistry; Health science; Health technology (medical, dental, laboratory); Healthcare administration and policy; Kinesiology; Medicine; Nursing; Nutrition and dietetics; Occupational safety and health; Occupational therapy; Pharmacy; Physical therapy; Rehabilitation sciences; Speech therapy; Veterinary science; Other health professions.*

*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: Health Professions.

#### 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: Health Professions

### Northern Michigan University

#### First-year students<sup>a</sup> in Health Professions

	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 = 37)	38.4	13.0	2.13	15	30	40	45	60				
Great Lakes Public	38.6	13.9	.31	15	30	40	50	60	2,062	-.2		-.017
Carnegie Class	40.2	13.9	.38	20	30	40	50	60	1,367	-1.8		-.132
NSSE 2013	39.8	14.0	.11	20	30	40	50	60	15,446	-1.4		-.099
<b>Reflective &amp; Integrative Learning</b>												
NMU (N = 38)	32.1	12.1	1.96	11	26	31	40	57				
Great Lakes Public	34.1	12.1	.26	17	26	34	40	57	2,114	-2.0		-.166
Carnegie Class	34.7	12.2	.33	17	26	34	43	57	1,407	-2.6		-.209
NSSE 2013	35.0	12.2	.10	17	26	34	43	60	15,820	-2.9		-.234
<b>Learning Strategies</b>												
NMU (N = 37)	41.3	11.5	1.90	27	33	40	53	60				
Great Lakes Public	41.6	13.7	.30	20	33	40	53	60	2,079	-.3		-.025
Carnegie Class	42.3	13.3	.36	20	33	40	53	60	1,391	-1.1		-.080
NSSE 2013	41.9	13.8	.11	20	33	40	53	60	15,602	-.6		-.046
<b>Quantitative Reasoning</b>												
NMU (N = 38)	19.8	13.8	2.24	0	7	20	27	47				
Great Lakes Public	25.5	15.9	.35	0	13	20	40	60	2,099	-5.6	*	-.356
Carnegie Class	25.4	15.4	.42	0	20	20	33	60	1,386	-5.5	*	-.360
NSSE 2013	26.1	16.0	.13	0	13	27	40	60	15,704	-6.3	*	-.390
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
NMU (N = 38)	35.7	14.3	2.32	10	25	38	50	60				
Great Lakes Public	33.2	13.6	.30	15	20	30	40	60	2,079	2.5		.181
Carnegie Class	33.6	14.0	.38	10	25	30	40	60	1,388	2.1		.150
NSSE 2013	33.6	14.0	.11	10	25	35	45	60	15,543	2.1		.147
<b>Discussions with Diverse Others</b>												
NMU (N = 38)	34.7	17.5	2.84	0	20	38	45	60				
Great Lakes Public	39.3	16.2	.36	10	25	40	55	60	2,102	-4.6		-.282
Carnegie Class	38.6	15.7	.42	15	25	40	50	60	1,400	-3.9		-.247
NSSE 2013	39.8	16.0	.13	15	30	40	55	60	15,721	-5.0		-.315

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

## Engagement Indicators: Health Professions

### Northern Michigan University

#### First-year students<sup>a</sup> in Health Professions

	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 = 37)	19.9	10.2	1.68	5	15	15	25	40				
Great Lakes Public	19.9	13.9	.31	0	10	15	25	45	2,073	-.1		-.005
Carnegie Class	21.0	14.3	.39	0	10	20	30	50	1,379	-1.1		-.077
NSSE 2013	20.3	14.1	.11	0	10	20	30	50	15,611	-.4		-.032
<b>Effective Teaching Practices</b>												
NMU (N = 38)	37.7	12.0	1.95	16	28	38	44	60				
Great Lakes Public	39.8	12.9	.28	20	32	40	48	60	2,111	-2.0		-.158
Carnegie Class	41.3	13.2	.36	20	32	40	52	60	1,405	-3.5		-.267
NSSE 2013	40.8	13.2	.10	20	32	40	52	60	15,850	-3.1		-.235
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
NMU (N = 37)	40.4	11.8	1.94	20	32	42	48	60				
Great Lakes Public	41.0	12.2	.27	18	34	42	50	60	2,033	-.6		-.047
Carnegie Class	42.4	12.4	.34	20	35	44	52	60	1,359	-2.0		-.161
NSSE 2013	41.8	12.4	.10	18	34	44	50	60	15,369	-1.4		-.113
<b>Supportive Environment</b>												
NMU (N = 38)	38.3	14.3	2.33	15	28	38	48	60				
Great Lakes Public	38.0	13.7	.30	15	28	40	48	60	2,098	.4		.026
Carnegie Class	38.1	13.8	.37	15	28	40	48	60	1,395	.2		.017
NSSE 2013	38.6	13.8	.11	15	30	40	50	60	15,707	-.3		-.023

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

## Engagement Indicators: Health Professions

### Northern Michigan University

#### Seniors<sup>a</sup> in Health Professions

	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 = 54)	44.4	15.0	2.04	15	35	45	60	60				
Great Lakes Public	42.2	14.1	.29	20	35	40	55	60	2,415	2.3		.162
Carnegie Class	43.8	14.3	.34	20	35	45	60	60	1,791	.7		.045
NSSE 2013	43.8	13.7	.10	20	35	45	60	60	20,667	.6		.043
<b>Reflective &amp; Integrative Learning</b>												
NMU (N = 56)	40.9	12.3	1.65	20	31	40	51	60				
Great Lakes Public	38.4	12.5	.25	20	29	37	49	60	2,472	2.5		.200
Carnegie Class	39.7	12.7	.30	20	31	40	49	60	1,838	1.2		.093
NSSE 2013	39.8	12.5	.09	20	31	40	49	60	21,176	1.1		.087
<b>Learning Strategies</b>												
NMU (N = 55)	43.3	13.5	1.82	20	33	40	60	60				
Great Lakes Public	42.7	14.6	.30	20	33	40	60	60	2,441	.6		.038
Carnegie Class	44.3	14.1	.34	20	33	47	60	60	1,821	-1.1		-.075
NSSE 2013	43.4	14.3	.10	20	33	40	60	60	20,919	-.1		-.009
<b>Quantitative Reasoning</b>												
NMU (N = 56)	30.2	17.4	2.33	0	20	27	40	60				
Great Lakes Public	28.3	16.0	.33	0	20	27	40	60	2,465	1.9		.121
Carnegie Class	29.7	16.4	.39	0	20	27	40	60	1,829	.5		.032
NSSE 2013	29.6	16.4	.11	0	20	27	40	60	21,074	.7		.041
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
NMU (N = 54)	38.1	11.9	1.63	15	30	40	45	60				
Great Lakes Public	32.1	15.6	.32	5	20	30	45	60	57	6.1	***	.391
Carnegie Class	33.2	15.4	.37	5	20	35	45	60	59	4.9	**	.321
NSSE 2013	32.9	15.3	.11	5	20	30	45	60	53	5.2	**	.342
<b>Discussions with Diverse Others</b>												
NMU (N = 55)	35.5	15.8	2.13	10	25	35	40	60				
Great Lakes Public	39.9	17.1	.35	10	25	40	60	60	2,456	-4.5		-.262
Carnegie Class	40.1	16.5	.39	15	30	40	60	60	1,825	-4.6	*	-.281
NSSE 2013	41.1	16.4	.11	15	30	40	60	60	21,004	-5.6	*	-.344

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

## Engagement Indicators: Health Professions

### Northern Michigan University

#### Seniors<sup>a</sup> in Health Professions

	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 = 56)	30.0	17.0	2.28	0	15	28	45	60				
Great Lakes Public	22.9	16.2	.33	0	10	20	35	55	2,453	7.1	**	.437
Carnegie Class	24.3	16.0	.38	0	10	20	35	60	1,815	5.7	**	.352
NSSE 2013	23.3	16.1	.11	0	10	20	35	55	20,912	6.7	**	.416
<b>Effective Teaching Practices</b>												
NMU (N = 56)	40.7	14.7	1.97	8	32	40	52	60				
Great Lakes Public	40.4	13.6	.28	16	32	40	52	60	2,483	.3		.020
Carnegie Class	43.0	13.8	.33	20	36	44	56	60	1,847	-2.3		-.164
NSSE 2013	41.9	13.8	.09	20	32	40	52	60	21,260	-1.2		-.089
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
NMU (N = 54)	45.2	10.0	1.36	26	40	47	52	60				
Great Lakes Public	42.1	11.7	.25	20	35	44	50	60	2,287	3.1		.265
Carnegie Class	45.4	11.2	.27	24	40	48	54	60	1,724	-.2		-.018
NSSE 2013	44.0	11.7	.08	22	38	46	52	60	19,992	1.3		.108
<b>Supportive Environment</b>												
NMU (N = 55)	33.9	15.0	2.02	10	23	35	43	60				
Great Lakes Public	32.3	14.5	.30	8	23	33	43	60	2,450	1.6		.107
Carnegie Class	33.9	14.4	.34	10	23	35	43	60	1,821	.0		.001
NSSE 2013	33.9	14.6	.10	10	23	35	45	60	21,023	.0		-.002

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

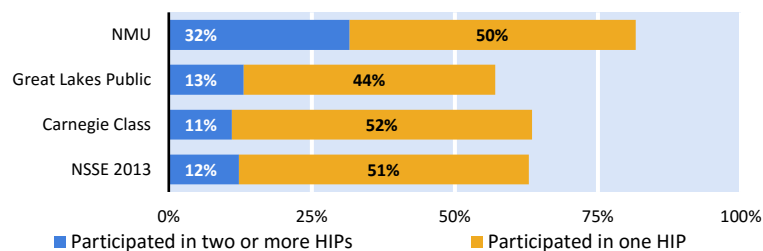
## High-Impact Practices: Health Professions

### Northern Michigan University

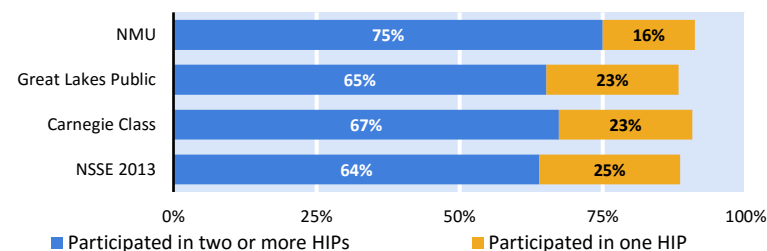
#### Overall HIP Participation<sup>a</sup>

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 Health Professions



#### Seniors in Health Professions



#### 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 Health Professions</i>								
11c. Learning community	42		19 ***	.52	12 ***	.71	15 ***	.61
12. Service-learning	68		50 *	.39	60	.17	58	.23
11e. Research with faculty	3		4	-.07	4	-.08	4	-.09
Participated in at least one	82		57 **	.54	63 *	.41	63 *	.42
Participated in two or more	32		13 ***	.45	11 ***	.52	12 ***	.48
<i>Seniors in Health Professions</i>								
11c. Learning community	36		31	.09	32	.07	31	.11
12. Service-learning	89		73 **	.42	81	.23	78 *	.30
11e. Research with faculty	18		21	-.07	21	-.07	19	-.03
11a. Internship or field exp.	63		55	.16	58	.09	53	.19
11d. Study abroad	11		7	.13	9	.09	9	.07
11f. Culminating senior exp.	42		43	-.02	42	-.01	37	.09
Participated in at least one	91		88	.09	91	.02	88	.09
Participated in two or more	75		65	.22	67	.17	64	.24

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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>
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	3	8	80	4	26	2	493	3	2.7	2.7	-.01	2.9	-.19	2.8	-.13
		2	Sometimes	13	34	822	39	477	35	5,586	35							
		3	Often	13	34	731	35	488	35	5,664	36							
		4	Very often	9	24	451	22	385	28	4,119	26							
		Total	38	100	2,084	100	1,376	100	15,862	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	8	22	322	16	152	11	2,095	13	2.6	2.6	.05	2.7	-.04	2.7	.00
		2	Sometimes	6	16	643	31	443	32	5,015	32							
		3	Often	14	38	655	32	457	33	4,964	31							
		4	Very often	9	24	457	22	322	23	3,715	24							
		Total	37	100	2,077	100	1,374	100	15,789	100								
c. Come to class without completing readings or assignments	unpreparedr  (Reverse-coded version of unprepared created by NSSE.)	1	Very often	1	3	84	4	54	4	639	4	3.1	3.1	-.02	3.2	-.13	3.2	-.03
		2	Often	4	11	200	10	88	6	1,464	9							
		3	Sometimes	22	58	1,118	54	719	53	8,541	54							
		4	Never	11	29	672	32	502	37	5,117	32							
		Total	38	100	2,074	100	1,363	100	15,761	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	19	50	956	46	489	36	6,153	39	1.6	1.8	-.18	1.9 *	-.37	1.9	-.32
		2	Sometimes	16	42	765	37	571	42	6,290	40							
		3	Often	2	5	240	12	234	17	2,328	15							
		4	Very often	1	3	107	5	76	6	988	6							
		Total	38	100	2,068	100	1,370	100	15,759	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	2	5	114	5	82	6	1,041	7	2.8	2.7	.21	2.7	.17	2.7	.19
		2	Sometimes	13	34	859	41	531	39	6,097	39							
		3	Often	12	32	709	34	485	35	5,589	35							
		4	Very often	11	29	397	19	275	20	3,072	19							
		Total	38	100	2,079	100	1,373	100	15,799	100								
f. Explained course material to one or more students	CLexplain	1	Never	1	3	69	3	54	4	617	4	2.8	2.7	.05	2.7	.06	2.7	.06
		2	Sometimes	14	37	766	37	537	39	5,836	37							
		3	Often	15	39	845	41	497	36	6,264	40							
		4	Very often	8	21	386	19	283	21	3,005	19							
		Total	38	100	2,066	100	1,371	100	15,722	100								



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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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	2	5	236	11	138	10	1,753	11	2.7	2.6	.07	2.7	.01	2.7	.01
		2	Sometimes	15	39	753	36	491	36	5,331	34							
		3	Often	14	37	660	32	418	30	4,962	31							
		4	Very often	7	18	429	21	326	24	3,740	24							
		Total	38	100	2,078	100	1,373	100	15,786	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	1	3	160	8	115	8	1,255	8	2.8	2.6	.24	2.6	.23	2.6	.22
		2	Sometimes	12	32	838	40	544	40	6,234	40							
		3	Often	18	47	731	35	466	34	5,439	34							
		4	Very often	7	18	349	17	246	18	2,850	18							
		Total	38	100	2,078	100	1,371	100	15,778	100								
i. Gave a course presentation	present	1	Never	3	8	576	28	268	20	3,625	23	2.1	2.1	.08	2.2	-.13	2.2	-.03
		2	Sometimes	27	71	943	45	631	46	7,347	47							
		3	Often	8	21	419	20	342	25	3,493	22							
		4	Very often	0	0	141	7	133	10	1,328	8							
		Total	38	100	2,079	100	1,374	100	15,793	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	3	8	122	6	73	5	1,005	6	2.6	2.7	-.11	2.7	-.13	2.7	-.10
		2	Sometimes	17	45	796	38	524	38	6,122	39							
		3	Often	11	29	807	39	544	40	5,857	37							
		4	Very often	7	18	355	17	235	17	2,818	18							
		Total	38	100	2,080	100	1,376	100	15,802	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	2	5	178	9	107	8	1,190	8	2.6	2.5	.02	2.6	-.01	2.6	-.04
		2	Sometimes	17	45	889	43	605	44	6,548	42							
		3	Often	15	39	711	34	437	32	5,501	35							
		4	Very often	4	11	291	14	216	16	2,478	16							
		Total	38	100	2,069	100	1,365	100	15,717	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	7	18	265	13	144	11	1,532	10	2.3	2.4	-.19	2.5	-.28	2.5	-.30
		2	Sometimes	16	42	922	44	574	42	6,683	42							
		3	Often	13	34	625	30	478	35	5,272	34							
		4	Very often	2	5	261	13	174	13	2,247	14							
		Total	38	100	2,073	100	1,370	100	15,734	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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>l</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	Rlownview	1	Never	4	11	114	5	55	4	758	5	2.5	2.7	-.18	2.7	-.23	2.7	-.25
		2	Sometimes	14	37	784	38	522	38	5,580	35							
		3	Often	16	42	849	41	560	41	6,620	42							
		4	Very often	4	11	331	16	229	17	2,787	18							
		Total	38	100	2,078	100	1,366	100	15,745	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	4	11	81	4	54	4	538	3	2.6	2.8	-.26	2.8	-.26	2.8	-.30
		2	Sometimes	15	39	698	34	475	35	5,132	33							
		3	Often	12	32	879	42	540	39	6,726	43							
		4	Very often	7	18	417	20	302	22	3,353	21							
		Total	38	100	2,075	100	1,371	100	15,749	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	2	5	52	3	33	2	405	3	2.7	2.8	-.20	2.8	-.23	2.9	-.25
		2	Sometimes	15	39	697	34	448	33	5,030	32							
		3	Often	15	39	901	44	599	44	6,784	43							
		4	Very often	6	16	420	20	287	21	3,504	22							
		Total	38	100	2,070	100	1,367	100	15,723	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	1	3	28	1	13	1	188	1	3.1	3.0	.07	3.1	.03	3.1	.02
		2	Sometimes	7	18	491	24	295	22	3,415	22							
		3	Often	18	47	943	46	651	48	7,321	47							
		4	Very often	12	32	604	29	402	30	4,779	30							
		Total	38	100	2,066	100	1,361	100	15,703	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	5	335	16	220	16	2,796	18	2.5	2.3	.16	2.3	.17	2.3	.19
		2	Sometimes	18	49	977	47	663	49	7,386	47							
		3	Often	15	41	514	25	316	23	3,756	24							
		4	Very often	2	5	242	12	163	12	1,797	11							
		Total	37	100	2,068	100	1,362	100	15,735	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	21	55	1,160	56	676	50	8,404	54	1.8	1.6	.14	1.7	.04	1.7	.09
		2	Sometimes	7	18	578	28	455	34	4,703	30							
		3	Often	8	21	216	11	147	11	1,751	11							
		4	Very often	2	5	103	5	79	6	834	5							
		Total	38	100	2,057	100	1,357	100	15,692	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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>l</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	14	37	711	34	444	33	5,407	34	1.8	1.9	-.18	2.0	-.21	2.0	-.19
		2	Sometimes	18	47	883	43	599	44	6,640	42							
		3	Often	6	16	342	17	205	15	2,540	16							
		4	Very often	0	0	126	6	105	8	1,103	7							
		Total	38	100	2,062	100	1,353	100	15,690	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	5	13	521	25	298	22	3,688	24	2.1	2.1	-.04	2.2	-.14	2.1	-.10
		2	Sometimes	27	71	1,007	49	654	48	7,478	48							
		3	Often	5	13	367	18	263	19	3,169	20							
		4	Very often	1	3	166	8	138	10	1,345	9							
		Total	38	100	2,061	100	1,353	100	15,680	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	0	0	23	1	34	2	386	2	3.3	3.2	.15	3.2	.23	3.2	.20
		2	Some	6	16	324	16	245	18	2,616	17							
		3	Quite a bit	13	34	869	42	557	41	6,441	41							
		4	Very much	19	50	853	41	531	39	6,334	40							
		Total	38	100	2,069	100	1,367	100	15,777	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	1	3	55	3	32	2	426	3	3.2	3.0	.20	3.1	.15	3.1	.15
		2	Some	3	8	458	22	298	22	3,300	21							
		3	Quite a bit	22	58	932	45	577	42	6,872	44							
		4	Very much	12	32	614	30	454	33	5,113	33							
		Total	38	100	2,059	100	1,361	100	15,711	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	82	4	36	3	512	3	3.0	3.0	.02	3.0	-.06	3.0	-.06
		2	Some	13	34	503	24	328	24	3,579	23							
		3	Quite a bit	13	34	899	44	571	42	6,661	42							
		4	Very much	12	32	576	28	426	31	4,936	31							
		Total	38	100	2,060	100	1,361	100	15,688	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	8	95	5	44	3	652	4	2.8	2.9	-.10	3.0	-.23	2.9	-.19
		2	Some	10	27	595	29	326	24	3,955	25							
		3	Quite a bit	16	43	856	42	621	46	6,768	43							
		4	Very much	8	22	515	25	370	27	4,319	28							
		Total	37	100	2,061	100	1,361	100	15,694	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	3	96	5	54	4	698	4	2.8	2.9	-.07	3.0	-.18	2.9	-.13
		2	Some	15	39	586	28	336	25	4,091	26							
		3	Quite a bit	12	32	849	41	573	42	6,612	42							
		4	Very much	10	26	527	26	394	29	4,283	27							
		Total	38	100	2,058	100	1,357	100	15,684	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	29	1	24	2	249	2	3.2	3.2	-.03	3.2	-.06	3.2	-.07
		2	Some	5	14	336	16	211	15	2,367	15							
		3	Quite a bit	21	57	928	45	592	43	6,995	44							
		4	Very much	11	30	783	38	545	40	6,215	39							
		Total	37	100	2,076	100	1,372	100	15,826	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	1	3	39	2	29	2	374	2	3.0	3.1	-.09	3.1	-.15	3.1	-.15
		2	Some	7	18	394	19	244	18	2,706	17							
		3	Quite a bit	20	53	975	47	596	44	6,990	44							
		4	Very much	10	26	666	32	498	36	5,715	36							
		Total	38	100	2,074	100	1,367	100	15,785	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	3	40	2	40	3	412	3	3.0	3.1	-.15	3.2	-.22	3.2	-.20
		2	Some	11	29	409	20	224	16	2,810	18							
		3	Quite a bit	13	34	875	42	553	40	6,403	41							
		4	Very much	13	34	736	36	550	40	6,135	39							
		Total	38	100	2,060	100	1,367	100	15,760	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	5	13	157	8	92	7	1,144	7	2.8	2.8	-.02	2.9	-.11	2.9	-.08
		2	Some	7	18	599	29	352	26	4,208	27							
		3	Quite a bit	16	42	751	36	500	37	5,646	36							
		4	Very much	10	26	564	27	418	31	4,762	30							
		Total	38	100	2,071	100	1,362	100	15,760	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	5	13	196	9	90	7	1,289	8	2.4	2.7	-.29	2.9 **	-.47	2.8 *	-.39
		2	Some	14	37	668	32	376	28	4,514	29							
		3	Quite a bit	16	42	746	36	519	38	5,883	37							
		4	Very much	3	8	458	22	377	28	4,034	26							
		Total	38	100	2,068	100	1,362	100	15,720	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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	16	299	14	185	13	2,215	14	2.3	2.5	-.14	2.5	-.13	2.5	-.17
		2	Sometimes	16	42	792	38	560	41	5,958	38							
		3	Often	13	34	702	34	450	33	5,292	33							
		4	Very often	3	8	286	14	178	13	2,366	15							
		Total	38	100	2,079	100	1,373	100	15,831	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	13	34	506	24	302	22	3,683	23	1.8	2.2 **	-.41	2.2 **	-.43	2.2 **	-.44
		2	Sometimes	20	53	878	42	620	45	6,567	42							
		3	Often	4	11	483	23	318	23	3,900	25							
		4	Very often	1	3	211	10	127	9	1,636	10							
		Total	38	100	2,078	100	1,367	100	15,786	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	14	37	493	24	301	22	3,630	23	1.8	2.2 *	-.39	2.2 *	-.42	2.2 **	-.43
		2	Sometimes	18	47	916	44	627	46	6,746	43							
		3	Often	5	13	491	24	338	25	3,937	25							
		4	Very often	1	3	169	8	97	7	1,423	9							
		Total	38	100	2,069	100	1,363	100	15,736	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	2	5	96	5	69	5	729	5	7.7	6.0	.32	6.7	.17	6.4	.23
		1.5	1-2	5	14	448	22	285	21	3,271	21							
		4	3-5	11	30	700	34	424	31	5,075	33							
		8	6-10	8	22	491	24	302	22	3,700	24							
		13	11-15	7	19	159	8	140	10	1,469	9							
		18	16-20	3	8	81	4	69	5	664	4							
		23	More than 20	1	3	55	3	63	5	590	4							
		Total	37	100	2,030	100	1,352	100	15,498	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	16	44	662	33	508	39	5,412	36	1.5	1.9	-.13	1.7	-.06	1.9	-.13
		1.5	1-2	13	36	876	44	556	43	6,303	42							
		4	3-5	5	14	341	17	160	12	2,368	16							
		8	6-10	2	6	84	4	53	4	710	5							
		13	11-15	0	0	13	1	12	1	148	1							
		18	16-20	0	0	4	0	2	0	43	0							
		23	More than 20	0	0	6	0	4	0	41	0							
		Total	36	100	1,986	100	1,295	100	15,025	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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	32	94	1,571	82	1,036	83	11,702	80	0.1	0.6 ***	-.22	0.5 ***	-.21	0.6 ***	-.23
		1.5	1-2	2	6	273	14	172	14	2,231	15							
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	0	0	36	2	23	2	314	2							
		8	6-10	0	0	15	1	10	1	127	1							
		13	11-15	0	0	10	1	5	0	92	1							
		18	16-20	0	0	9	0	4	0	45	0							
		23	More than 20	0	0	5	0	5	0	58	0							
			Total	34	100	1,919	100	1,255	100	14,569	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)									35	39	-.09	39	-.09	41	-.12
8. During the current school year, about how often have you had discussions with people from the following groups?																		
a. People of a race or ethnicity other than your own	DDrace	1	Never	4	11	107	5	77	6	802	5	2.6	3.0 *	-.38	2.9	-.31	3.0 **	-.43
		2	Sometimes	15	39	584	28	422	31	4,073	26							
		3	Often	10	26	629	30	411	30	4,792	30							
		4	Very often	9	24	759	37	466	34	6,158	39							
			Total	38	100	2,079	100	1,376	100	15,825	100							
b. People from an economic background other than your own	DDeconomic	1	Never	2	5	105	5	72	5	764	5	2.9	3.0	-.13	3.0	-.11	3.0	-.19
		2	Sometimes	11	29	531	26	346	25	3,723	24							
		3	Often	15	39	725	35	514	37	5,456	35							
		4	Very often	10	26	715	34	442	32	5,850	37							
			Total	38	100	2,076	100	1,374	100	15,793	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	4	11	148	7	78	6	1,136	7	2.7	2.9	-.23	2.9	-.23	2.9	-.22
		2	Sometimes	13	34	566	27	394	29	4,405	28							
		3	Often	11	29	646	31	457	33	4,763	30							
		4	Very often	10	26	711	34	442	32	5,481	35							
			Total	38	100	2,071	100	1,371	100	15,785	100							
d. People with political views other than your own	DDpolitical	1	Never	3	8	142	7	83	6	1,006	6	2.7	3.0	-.25	2.9	-.20	3.0	-.24
		2	Sometimes	13	34	514	25	386	28	4,118	26							
		3	Often	13	34	690	33	463	34	5,084	32							
		4	Very often	9	24	729	35	439	32	5,545	35							
			Total	38	100	2,075	100	1,371	100	15,753	100							

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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>	
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	20	1	11	1	155	1	3.3	3.2	.15	3.2	.11	3.2	.09	
		2	Sometimes	4	11	359	17	210	15	2,454	16								
		3	Often	19	50	918	44	631	46	6,939	44								
		4	Very often	15	39	773	37	524	38	6,241	40								
		Total	38	100	2,070	100	1,376	100	15,789	100									
b. Reviewed your notes after class	LSnotes	1	Never	0	0	69	3	33	2	483	3	3.0	3.1	-.14	3.1	-.21	3.1	-.15	
		2	Sometimes	11	30	493	24	301	22	3,753	24								
		3	Often	16	43	681	33	468	34	5,236	33								
		4	Very often	10	27	825	40	567	41	6,286	40								
		Total	37	100	2,068	100	1,369	100	15,758	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	2	5	87	4	54	4	734	5	3.0	3.0	.00	3.0	-.03	3.0	.01	
		2	Sometimes	11	29	564	27	349	26	4,220	27								
		3	Often	11	29	731	36	505	37	5,516	35								
		4	Very often	14	37	677	33	454	33	5,184	33								
		Total	38	100	2,059	100	1,362	100	15,654	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	3	4	0	2	0	26	0	5.8	5.8	.03	5.8	.04	5.8	.02	
		2		0	0	8	0	7	1	85	1								
		3		0	0	29	1	18	1	270	2								
		4		1	3	137	7	104	8	1,051	7								
		5		11	29	565	27	371	27	4,089	26								
		6		13	34	755	36	472	34	5,664	36								
		7	Very much	12	32	580	28	400	29	4,621	29								
		Total	38	100	2,078	100	1,374	100	15,806	100									

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions			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 (Means indicate the percentage who responded "Done or in progress.")	Have not decided	2	5	157	8	100	7	1,332	8	3%	5%	-.13	8%	-.25	7%	-.20		
			2	5	68	3	50	4	557	4									
			33	87	1,747	84	1,114	81	12,878	81									
			1	3	106	5	111	8	1,052	7									
			38	100	2,078	100	1,375	100	15,819	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	12	32	600	29	439	32	4,692	30	13%	9%	.14	9%	.14	10%	.11		
			8	21	570	27	397	29	4,238	27									
			13	34	720	35	413	30	5,324	34									
			5	13	185	9	120	9	1,528	10									
			38	100	2,075	100	1,369	100	15,782	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	7	18	577	28	447	33	4,910	31	42%	19% ***	.52	12% ***	.71	15% ***	.61		
			5	13	574	28	376	27	4,242	27									
			10	26	539	26	384	28	4,190	27									
			16	42	384	19	163	12	2,423	15									
			38	100	2,074	100	1,370	100	15,765	100									
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")	Have not decided	11	30	675	33	436	32	4,771	30	0%	2%	-.26	3%	-.33	2%	-.30		
			15	41	704	34	477	35	5,400	34									
			11	30	655	32	417	30	5,227	33									
			0	0	36	2	38	3	354	2									
			37	100	2,070	100	1,368	100	15,752	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	17	45	828	40	574	42	6,274	40	3%	4%	-.07	4%	-.08	4%	-.09		
			12	32	599	29	434	32	4,633	30									
			8	21	558	27	301	22	4,128	26									
			1	3	81	4	56	4	670	4									
			38	100	2,066	100	1,365	100	15,705	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	17	45	732	35	505	37	5,607	36	0%	3%	-.32	2%	-.30	2%	-.32		
			5	13	276	13	189	14	2,069	13									
			16	42	1,006	49	646	47	7,635	49									
			0	0	53	3	30	2	388	2									
			38	100	2,067	100	1,370	100	15,699	100									



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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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>	
12. About how many of your courses at this institution have included a community-based project (service-learning)?																	
	servcourse	1	None	12	32	1,036	50	542	40	6,672	42	1.7	1.6	.23	1.7	.02	
		2	Some	25	66	894	43	714	52	7,683	49						
		3	Most	1	3	110	5	91	7	1,174	7						
		4	All	0	0	16	1	20	1	174	1						
			Total	38	100	2,056	100	1,367	100	15,703	100						
13. Indicate the quality of your interactions with the following people at your institution.																	
a. Students	Qlstudent	1	Poor	0	0	18	1	13	1	158	1	5.5	5.6	-.13	5.7	-.17	
		2		1	3	42	2	23	2	275	2						
		3		2	5	85	4	47	3	593	4						
		4		4	11	198	10	132	10	1,368	9						
		5		12	32	462	22	306	22	3,297	21						
		6		9	24	642	31	384	28	4,720	30						
		7	Excellent	10	26	624	30	457	33	5,347	34						
		—	Not applicable	0	0	8	0	14	1	86	1						
	Total	38	100	2,079	100	1,376	100	15,844	100								
b. Academic advisors	Qladvisor	1	Poor	6	16	89	4	50	4	650	4	4.3	5.1 **	-.43	5.2 **	-.51	
		2		2	5	122	6	60	4	887	6						
		3		2	5	162	8	127	9	1,328	8						
		4		7	19	303	15	174	13	2,151	14						
		5		9	24	393	19	250	18	3,040	19						
		6		6	16	438	21	314	23	3,374	21						
		7	Excellent	5	14	523	25	370	27	4,114	26						
		—	Not applicable	0	0	35	2	27	2	238	2						
	Total	37	100	2,065	100	1,372	100	15,782	100								
c. Faculty	Qlfaculty	1	Poor	1	3	45	2	23	2	297	2	5.1	5.1	.02	5.3	-.14	
		2		0	0	85	4	53	4	601	4						
		3		2	5	179	9	74	5	1,108	7						
		4		8	21	303	15	180	13	2,202	14						
		5		13	34	530	26	328	24	3,842	24						
		6		8	21	574	28	391	29	4,332	28						
		7	Excellent	6	16	338	16	295	22	3,227	21						
		—	Not applicable	0	0	12	1	16	1	105	1						
	Total	38	100	2,066	100	1,360	100	15,714	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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	1	3	106	5	70	5	781	5	5.1	4.9	.14	5.0	.09	5.0	.11
		2		0	0	99	5	61	4	776	5							
		3		3	8	178	9	99	7	1,202	8							
		4		5	13	241	12	173	13	2,016	13							
		5		9	24	454	22	279	20	3,243	21							
		6		7	18	441	21	304	22	3,419	22							
		7	Excellent	6	16	338	16	252	18	2,871	18							
		—	Not applicable	7	18	210	10	133	10	1,456	9							
	Total	38	100	2,067	100	1,371	100	15,764	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	1	3	109	5	58	4	774	5	5.2	4.8	.26	5.0	.12	4.9	.19
		2		1	3	122	6	79	6	1,007	6							
		3		0	0	200	10	111	8	1,386	9							
		4		7	18	315	15	194	14	2,293	15							
		5		12	32	426	21	271	20	3,174	20							
		6		9	24	443	21	322	24	3,442	22							
		7	Excellent	6	16	309	15	281	21	2,928	19							
		—	Not applicable	2	5	146	7	54	4	764	5							
	Total	38	100	2,070	100	1,370	100	15,768	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	0	0	23	1	10	1	167	1	3.4	3.3	.14	3.4	.13	3.3	.14
		2	Some	3	8	223	11	137	10	1,711	11							
		3	Quite a bit	15	39	841	41	568	42	6,390	41							
		4	Very much	20	53	986	48	648	48	7,471	47							
		Total	38	100	2,073	100	1,363	100	15,739	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	3	63	3	40	3	461	3	3.1	3.2	-.10	3.2	-.09	3.2	-.12
		2	Some	8	22	339	16	239	18	2,543	16							
		3	Quite a bit	14	38	797	39	515	38	5,988	38							
		4	Very much	14	38	864	42	564	42	6,671	43							
		Total	37	100	2,063	100	1,358	100	15,663	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	0	0	91	4	79	6	716	5	3.3	3.3	.01	3.2	.07	3.2	.03
		2	Some	6	16	288	14	189	14	2,254	14							
		3	Quite a bit	16	42	696	34	466	34	5,285	34							
		4	Very much	16	42	987	48	623	46	7,399	47							
		Total	38	100	2,062	100	1,357	100	15,654	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	5	13	241	12	157	12	1,786	11	2.7	2.7	-.05	2.8	-.10	2.8	-.11	
		2	Some	12	32	648	31	393	29	4,521	29								
		3	Quite a bit	12	32	650	31	436	32	5,033	32								
		4	Very much	9	24	528	26	372	27	4,349	28								
		Total	38	100	2,067	100	1,358	100	15,689	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	3	118	6	65	5	818	5	3.1	3.0	.10	3.0	.10	3.1	.06	
		2	Some	8	21	428	21	305	22	3,084	20								
		3	Quite a bit	14	37	774	37	499	37	5,799	37								
		4	Very much	15	39	746	36	491	36	5,984	38								
		Total	38	100	2,066	100	1,360	100	15,685	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	0	0	130	6	94	7	906	6	3.2	3.1	.11	3.0	.12	3.1	.08	
		2	Some	9	24	388	19	259	19	2,919	19								
		3	Quite a bit	14	37	774	38	488	36	5,779	37								
		4	Very much	15	39	772	37	513	38	6,058	39								
		Total	38	100	2,064	100	1,354	100	15,662	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	5	13	400	19	258	19	2,898	19	2.6	2.4	.20	2.5	.17	2.5	.15	
		2	Some	12	32	720	35	461	34	5,250	34								
		3	Quite a bit	13	34	585	28	392	29	4,570	29								
		4	Very much	8	21	356	17	245	18	2,935	19								
		Total	38	100	2,061	100	1,356	100	15,653	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	5	13	141	7	105	8	1,254	8	2.8	2.9	-.19	2.9	-.18	3.0	-.22	
		2	Some	10	26	502	24	322	24	3,353	21								
		3	Quite a bit	12	32	747	36	484	36	5,626	36								
		4	Very much	11	29	661	32	440	33	5,406	35								
		Total	38	100	2,051	100	1,351	100	15,639	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	6	16	317	15	192	14	2,194	14	2.6	2.6	.08	2.6	.02	2.6	.00	
		2	Some	13	34	701	34	424	31	4,856	31								
		3	Quite a bit	8	21	621	30	457	34	5,058	32								
		4	Very much	11	29	413	20	280	21	3,498	22								
		Total	38	100	2,052	100	1,353	100	15,606	100									

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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	3	0	37	0	14.6	15.0	-.06	15.5	-.11	15.0	-.05
		3	1-5 hrs	5	13	240	12	154	11	1,931	12							
		8	6-10 hrs	9	24	459	22	292	21	3,545	22							
		13	11-15 hrs	7	18	445	22	285	21	3,320	21							
		18	16-20 hrs	7	18	387	19	267	19	2,979	19							
		23	21-25 hrs	6	16	283	14	175	13	1,963	12							
		28	26-30 hrs	4	11	138	7	113	8	1,096	7							
		33	More than 30 hrs	0	0	108	5	82	6	900	6							
		Total	38	100	2,067	100	1,371	100	15,771	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	10	26	700	34	460	34	5,189	33	4.3	5.0	-.10	5.1	-.12	5.2	-.13
		3	1-5 hrs	15	39	719	35	490	36	5,501	35							
		8	6-10 hrs	10	26	316	15	190	14	2,424	15							
		13	11-15 hrs	3	8	162	8	108	8	1,226	8							
		18	16-20 hrs	0	0	76	4	57	4	711	5							
		23	21-25 hrs	0	0	47	2	32	2	364	2							
		28	26-30 hrs	0	0	17	1	12	1	127	1							
		33	More than 30 hrs	0	0	15	1	13	1	128	1							
		Total	38	100	2,052	100	1,362	100	15,670	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	30	79	1,701	83	1,074	78	12,443	79	2.1	2.1	-.01	2.2	-.01	2.2	-.03
		3	1-5 hrs	1	3	57	3	64	5	692	4							
		8	6-10 hrs	3	8	109	5	125	9	1,230	8							
		13	11-15 hrs	4	11	99	5	58	4	716	5							
		18	16-20 hrs	0	0	49	2	29	2	454	3							
		23	21-25 hrs	0	0	21	1	14	1	114	1							
		28	26-30 hrs	0	0	11	1	2	0	40	0							
		33	More than 30 hrs	0	0	12	1	3	0	54	0							
		Total	38	100	2,059	100	1,369	100	15,743	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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>
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	27	71	1,363	66	872	64	10,471	67	5.1	5.5	-.05	6.2	-.11	5.7	-.06
		3	1-5 hrs	1	3	97	5	69	5	789	5							
		8	6-10 hrs	1	3	114	6	81	6	879	6							
		13	11-15 hrs	2	5	132	6	77	6	834	5							
		18	16-20 hrs	3	8	139	7	79	6	846	5							
		23	21-25 hrs	2	5	97	5	56	4	633	4							
		28	26-30 hrs	2	5	45	2	40	3	369	2							
		33	More than 30 hrs	0	0	74	4	85	6	855	5							
		Total	38	100	2,061	100	1,359	100	15,676	100								
		e. Doing community service or volunteer work	tmservehrs  (Recoded version of tmserve created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	17	46	1,118	55	737	55							
3	1-5 hrs			19	51	719	35	499	37	5,961	38							
8	6-10 hrs			1	3	105	5	63	5	863	6							
13	11-15 hrs			0	0	50	2	24	2	343	2							
18	16-20 hrs			0	0	26	1	12	1	156	1							
23	21-25 hrs			0	0	14	1	10	1	90	1							
28	26-30 hrs			0	0	3	0	2	0	27	0							
33	More than 30 hrs			0	0	7	0	3	0	42	0							
Total	37			100	2,042	100	1,350	100	15,577	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	0	0	24	1	17	1	256	2	14.3	11.9	.29	10.8 **	.45
		3	1-5 hrs	5	13	457	22	358	26	3,885	25							
		8	6-10 hrs	10	26	601	29	413	30	4,588	29							
		13	11-15 hrs	7	18	411	20	276	20	3,097	20							
		18	16-20 hrs	9	24	264	13	151	11	1,867	12							
		23	21-25 hrs	2	5	134	7	63	5	924	6							
		28	26-30 hrs	3	8	64	3	35	3	409	3							
		33	More than 30 hrs	2	5	101	5	51	4	619	4							
		Total	38	100	2,056	100	1,364	100	15,645	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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	79	1,576	77	957	70	11,378	73	0.8	2.8 ***	-.28	4.0 ***	-.36	3.5 ***	-.33
		3	1-5 hrs	7	18	214	10	170	13	1,839	12							
		8	6-10 hrs	1	3	83	4	60	4	692	4							
		13	11-15 hrs	0	0	39	2	36	3	379	2							
		18	16-20 hrs	0	0	28	1	27	2	260	2							
		23	21-25 hrs	0	0	21	1	9	1	167	1							
		28	26-30 hrs	0	0	16	1	10	1	110	1							
		33	More than 30 hrs	0	0	76	4	90	7	800	5							
		Total	38	100	2,053	100	1,359	100	15,625	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	17	45	780	38	601	44	6,550	42	3.1	3.8	-.12	3.3	-.04	3.5	-.08
		3	1-5 hrs	17	45	862	42	531	39	6,184	39							
		8	6-10 hrs	1	3	255	12	136	10	1,745	11							
		13	11-15 hrs	2	5	73	4	47	3	605	4							
		18	16-20 hrs	0	0	43	2	19	1	275	2							
		23	21-25 hrs	0	0	22	1	16	1	133	1							
		28	26-30 hrs	0	0	9	0	7	1	63	0							
		33	More than 30 hrs	1	3	22	1	11	1	158	1							
		Total	38	100	2,066	100	1,368	100	15,713	100								
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											7.2	7.5	-.04	8.4	-.11	7.8	-.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	1	3	100	5	38	3	480	3	5.7	6.0	-.06	6.5	-.15	6.4	-.13
		3	1-5 hrs	26	68	1,155	56	732	53	8,480	54							
		8	6-10 hrs	6	16	519	25	374	27	4,297	27							
		13	11-15 hrs	3	8	178	9	129	9	1,484	9							
		18	16-20 hrs	1	3	74	4	63	5	648	4							
		23	21-25 hrs	0	0	23	1	22	2	234	1							
		28	26-30 hrs	0	0	9	0	5	0	81	1							
		33	More than 30 hrs	1	3	12	1	8	1	70	0							
		Total	38	100	2,070	100	1,371	100	15,774	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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>
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	4	11	159	8	85	6	1,060	7	2.7	2.8	-.15	2.9	-.24	2.9	-.23
		2	Some	11	29	526	25	321	23	3,746	24							
		3	Quite a bit	15	39	868	42	579	42	6,505	41							
		4	Very much	8	21	521	25	386	28	4,486	28							
		Total	38	100	2,074	100	1,371	100	15,797	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	7	18	259	13	113	8	1,655	11	2.4	2.6	-.21	2.8 *	-.38	2.7	-.29
		2	Some	12	32	628	30	377	28	4,708	30							
		3	Quite a bit	14	37	776	38	565	41	5,859	37							
		4	Very much	5	13	403	20	312	23	3,527	22							
		Total	38	100	2,066	100	1,367	100	15,749	100								
c. Thinking critically and analytically	pgthink	1	Very little	1	3	66	3	36	3	451	3	3.0	3.1	-.15	3.1	-.19	3.1	-.19
		2	Some	9	24	364	18	233	17	2,770	18							
		3	Quite a bit	18	47	957	46	630	46	6,906	44							
		4	Very much	10	26	680	33	469	34	5,614	36							
		Total	38	100	2,067	100	1,368	100	15,741	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	10	27	263	13	157	11	1,945	12	2.2	2.6 **	-.46	2.6 **	-.48	2.6 **	-.47
		2	Some	13	35	652	32	448	33	5,124	33							
		3	Quite a bit	11	30	768	37	509	37	5,468	35							
		4	Very much	3	8	383	19	257	19	3,212	20							
		Total	37	100	2,066	100	1,371	100	15,749	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	3	8	274	13	161	12	1,812	11	2.5	2.6	-.12	2.7	-.24	2.7	-.22
		2	Some	17	45	668	32	379	28	4,683	30							
		3	Quite a bit	14	37	715	35	500	36	5,508	35							
		4	Very much	4	11	413	20	330	24	3,758	24							
		Total	38	100	2,070	100	1,370	100	15,761	100								
f. Working effectively with others	pgothers	1	Very little	3	8	127	6	78	6	890	6	2.7	2.9	-.16	2.9	-.19	2.9	-.22
		2	Some	12	32	561	27	352	26	3,937	25							
		3	Quite a bit	14	38	836	40	568	42	6,364	40							
		4	Very much	8	22	544	26	367	27	4,528	29							
		Total	37	100	2,068	100	1,365	100	15,719	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### First-Year Students in Health Professions

First-Year Students in Health Professions				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. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	6	16	285	14	121	9	1,557	10	2.4	2.6	-.20	2.8 *	-.38	2.8 *	-.39
		2	Some	14	38	628	30	392	29	4,265	27							
		3	Quite a bit	12	32	723	35	512	38	5,721	36							
		4	Very much	5	14	431	21	334	25	4,195	27							
		Total	37	100	2,067	100	1,359	100	15,738	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	9	24	260	13	130	10	1,587	10	2.2	2.7 **	-.46	2.8 ***	-.56	2.8 ***	-.57
		2	Some	15	39	611	30	397	29	4,489	28							
		3	Quite a bit	10	26	720	35	514	38	5,549	35							
		4	Very much	4	11	476	23	323	24	4,129	26							
		Total	38	100	2,067	100	1,364	100	15,754	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	8	21	272	13	151	11	1,848	12	2.3	2.6	-.32	2.6 *	-.37	2.6 *	-.38
		2	Some	13	34	692	33	459	34	5,137	33							
		3	Quite a bit	15	39	735	36	508	37	5,480	35							
		4	Very much	2	5	371	18	248	18	3,285	21							
		Total	38	100	2,070	100	1,366	100	15,750	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	6	16	256	12	134	10	1,735	11	2.5	2.6	-.11	2.7	-.18	2.7	-.21
		2	Some	14	37	685	33	463	34	4,868	31							
		3	Quite a bit	11	29	739	36	497	36	5,539	35							
		4	Very much	7	18	381	18	271	20	3,542	23							
		Total	38	100	2,061	100	1,365	100	15,684	100								
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	0	0	31	1	24	2	221	1	3.2	3.2	.02	3.3	-.04	3.3	-.07
		2	Fair	6	16	216	10	132	10	1,496	9							
		3	Good	17	45	1,092	53	673	49	7,627	48							
		4	Excellent	15	39	736	35	545	40	6,460	41							
		Total	38	100	2,075	100	1,374	100	15,804	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	1	3	67	3	53	4	555	4	3.4	3.3	.16	3.3	.17	3.3	.13
		2	Probably no	3	8	225	11	152	11	1,755	11							
		3	Probably yes	14	37	864	42	560	41	6,085	38							
		4	Definitely yes	20	53	922	44	608	44	7,423	47							
		Total	38	100	2,078	100	1,373	100	15,818	100								



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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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
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	1	2	40	2	28	2	428	2	3.2	3.2	.03	3.3	-.11	3.2	.00			
		2	Sometimes	13	23	551	23	315	18	4,554	21										
		3	Often	16	29	789	32	569	32	6,586	31										
		4	Very often	26	46	1,048	43	887	49	9,668	46										
		Total	56	100	2,428	100	1,799	100	21,236	100											
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	10	18	436	18	286	16	3,596	17	2.6	2.5	.06	2.6	-.03	2.6	.00			
		2	Sometimes	16	29	803	33	552	31	6,623	31										
		3	Often	15	27	635	26	486	27	5,626	27										
		4	Very often	14	25	547	23	470	26	5,299	25										
		Total	55	100	2,421	100	1,794	100	21,144	100											
c. Come to class without completing readings or assignments	unpreparedr  (Reverse-coded version of unprepared created by NSSE.)	1	Very often	3	5	121	5	86	5	1,095	5	3.0	3.1	-.14	3.2	-.22	3.1	-.13			
		2	Often	8	14	269	11	162	9	2,405	11										
		3	Sometimes	31	55	1,242	51	898	50	10,753	51										
		4	Never	14	25	784	32	634	36	6,864	33										
		Total	56	100	2,416	100	1,780	100	21,117	100											
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	22	40	1,365	57	954	54	10,729	51	1.7	1.6	.24	1.6	.16	1.7	.09			
		2	Sometimes	26	47	816	34	622	35	7,532	36										
		3	Often	6	11	148	6	143	8	1,914	9										
		4	Very often	1	2	82	3	64	4	920	4										
		Total	55	100	2,411	100	1,783	100	21,095	100											
e. Asked another student to help you understand course material	CLaskhelp	1	Never	3	5	333	14	204	11	2,818	13	2.6	2.4	.19	2.5	.14	2.4	.18			
		2	Sometimes	26	47	1,076	44	806	45	9,366	44										
		3	Often	16	29	652	27	501	28	5,745	27										
		4	Very often	10	18	357	15	275	15	3,200	15										
		Total	55	100	2,418	100	1,786	100	21,129	100											
f. Explained course material to one or more students	CLeexplain	1	Never	0	0	189	8	100	6	1,450	7	3.0	2.7 **	.36	2.7 **	.34	2.7 **	.36			
		2	Sometimes	15	27	833	35	663	37	7,700	37										
		3	Often	24	44	883	37	646	36	7,573	36										
		4	Very often	16	29	493	21	376	21	4,359	21										
		Total	55	100	2,398	100	1,785	100	21,082	100											

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	5	9	484	20	314	18	3,955	19	2.8	2.5 **	.34	2.6 *	.26	2.5 *	.29
		2	Sometimes	15	27	795	33	558	31	6,727	32							
		3	Often	20	36	618	25	485	27	5,551	26							
		4	Very often	16	29	527	22	428	24	4,926	23							
		Total	56	100	2,424	100	1,785	100	21,159	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	0	0	219	9	141	8	1,571	7	3.2	2.8 ***	.40	2.9 **	.33	2.9 **	.29
		2	Sometimes	9	16	676	28	499	28	5,573	26							
		3	Often	28	50	872	36	591	33	7,287	34							
		4	Very often	19	34	654	27	554	31	6,712	32							
		Total	56	100	2,421	100	1,785	100	21,143	100								
i. Gave a course presentation	present	1	Never	4	7	384	16	233	13	3,068	15	3.0	2.5 ***	.52	2.7 **	.34	2.6 **	.41
		2	Sometimes	10	18	875	36	546	31	6,889	33							
		3	Often	23	41	701	29	560	31	6,378	30							
		4	Very often	19	34	461	19	445	25	4,788	23							
		Total	56	100	2,421	100	1,784	100	21,123	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	3	5	77	3	54	3	619	3	3.0	3.0	.04	3.1	-.02	3.0	.00
		2	Sometimes	13	23	611	25	414	23	5,159	24							
		3	Often	19	34	954	39	701	39	8,258	39							
		4	Very often	21	38	778	32	616	35	7,114	34							
		Total	56	100	2,420	100	1,785	100	21,150	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	0	0	121	5	91	5	866	4	3.0	2.9	.15	2.9	.07	3.0	.05
		2	Sometimes	17	30	694	29	466	26	5,542	26							
		3	Often	22	39	951	40	683	39	8,252	39							
		4	Very often	17	30	632	26	534	30	6,328	30							
		Total	56	100	2,398	100	1,774	100	20,988	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	5	9	231	10	141	8	1,495	7	2.8	2.6	.16	2.8	.03	2.8	.03
		2	Sometimes	17	31	875	36	554	31	7,023	33							
		3	Often	17	31	807	34	640	36	7,387	35							
		4	Very often	16	29	494	21	437	25	5,162	25							
		Total	55	100	2,407	100	1,772	100	21,067	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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	Rlownview	1	Never	3	5	101	4	63	4	721	3	2.9	2.8	.14	2.9	.03	2.9	.04
		2	Sometimes	13	23	774	32	499	28	6,111	29							
		3	Often	25	45	1,010	42	758	43	8,930	42							
		4	Very often	15	27	528	22	453	26	5,300	25							
		Total	56	100	2,413	100	1,773	100	21,062	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	2	4	73	3	43	2	461	2	3.0	2.9	.16	3.0	.09	3.0	.07
		2	Sometimes	14	25	670	28	455	26	5,417	26							
		3	Often	20	36	1,079	45	800	45	9,300	44							
		4	Very often	20	36	589	24	483	27	5,892	28							
		Total	56	100	2,411	100	1,781	100	21,070	100								
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	0	0	43	2	29	2	270	1	3.1	2.9	.16	3.0	.11	3.0	.08
		2	Sometimes	15	27	658	27	459	26	5,409	26							
		3	Often	22	39	1,084	45	798	45	9,213	44							
		4	Very often	19	34	620	26	492	28	6,146	29							
		Total	56	100	2,405	100	1,778	100	21,038	100								
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	0	0	26	1	13	1	149	1	3.5	3.3 *	.28	3.3	.23	3.3	.22
		2	Sometimes	6	11	327	14	232	13	2,638	13							
		3	Often	18	33	1,074	45	761	43	8,961	43							
		4	Very often	31	56	981	41	775	44	9,265	44							
		Total	55	100	2,408	100	1,781	100	21,013	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	6	11	418	17	268	15	3,478	16	2.9	2.4 **	.44	2.5 *	.35	2.5 **	.40
		2	Sometimes	13	23	969	40	667	37	8,197	39							
		3	Often	20	36	602	25	501	28	5,490	26							
		4	Very often	17	30	431	18	348	20	3,932	19							
		Total	56	100	2,420	100	1,784	100	21,097	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	17	30	1,169	48	802	45	9,943	47	2.3	1.9 **	.39	1.9 *	.35	1.9 **	.38
		2	Sometimes	19	34	664	28	535	30	6,008	29							
		3	Often	9	16	334	14	256	14	2,976	14							
		4	Very often	11	20	245	10	184	10	2,097	10							
		Total	56	100	2,412	100	1,777	100	21,024	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	11	20	716	30	472	27	6,435	31	2.4	2.1 *	.32	2.2	.22	2.1 *	.33			
		2	Sometimes	23	41	990	41	709	40	8,354	40										
		3	Often	10	18	453	19	383	22	4,026	19										
		4	Very often	12	21	257	11	217	12	2,230	11										
		Total	56	100	2,416	100	1,781	100	21,045	100											
d. Discussed your academic performance with a faculty member	SFperform	1	Never	7	13	575	24	355	20	4,686	22	2.5	2.2 *	.32	2.3	.25	2.2 *	.28			
		2	Sometimes	24	43	1,086	45	814	46	9,358	45										
		3	Often	16	29	492	20	406	23	4,518	21										
		4	Very often	9	16	264	11	200	11	2,467	12										
		Total	56	100	2,417	100	1,775	100	21,029	100											
4. During the current school year, how much has your coursework emphasized the following?																					
a. Memorizing course material	memorize	1	Very little	2	4	155	6	175	10	1,907	9	3.2	3.0 *	.29	2.8 **	.42	2.9 **	.38			
		2	Some	7	13	545	22	465	26	5,189	25										
		3	Quite a bit	23	41	932	38	627	35	7,670	36										
		4	Very much	24	43	792	33	517	29	6,346	30										
		Total	56	100	2,424	100	1,784	100	21,112	100											
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	4	41	2	29	2	273	1	3.4	3.3	.10	3.3	.03	3.3	.02			
		2	Some	6	11	336	14	217	12	2,472	12										
		3	Quite a bit	18	32	941	39	656	37	8,122	39										
		4	Very much	30	54	1,089	45	871	49	10,162	48										
		Total	56	100	2,407	100	1,773	100	21,029	100											
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	83	3	54	3	515	2	3.3	3.1	.24	3.2	.15	3.2	.15			
		2	Some	11	20	424	18	279	16	3,308	16										
		3	Quite a bit	14	25	955	40	657	37	8,050	38										
		4	Very much	30	55	944	39	780	44	9,131	43										
		Total	55	100	2,406	100	1,770	100	21,004	100											
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	5	111	5	69	4	696	3	3.1	3.0	.14	3.1	.02	3.1	.02			
		2	Some	10	18	534	22	352	20	4,115	20										
		3	Quite a bit	20	36	990	41	686	38	8,424	40										
		4	Very much	23	41	772	32	675	38	7,816	37										
		Total	56	100	2,407	100	1,782	100	21,051	100											

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

				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	5	9	126	5	73	4	786	4	3.0	3.0	.04	3.1	-.06	3.1	-.06
		2	Some	9	16	528	22	361	20	4,207	20							
		3	Quite a bit	20	36	980	41	678	38	8,421	40							
		4	Very much	21	38	775	32	668	38	7,603	36							
		Total	55	100	2,409	100	1,780	100	21,017	100								
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	2	4	44	2	31	2	373	2	3.2	3.2	-.04	3.3	-.15	3.3	-.12
		2	Some	8	14	397	16	224	13	2,957	14							
		3	Quite a bit	24	43	987	41	728	41	8,487	40							
		4	Very much	22	39	1,003	41	809	45	9,390	44							
		Total	56	100	2,431	100	1,792	100	21,207	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	5	75	3	46	3	538	3	2.9	3.1	-.21	3.2 **	-.36	3.2 *	-.33
		2	Some	15	27	427	18	246	14	3,172	15							
		3	Quite a bit	20	36	1,076	44	744	42	8,839	42							
		4	Very much	18	32	845	35	749	42	8,592	41							
		Total	56	100	2,423	100	1,785	100	21,141	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	3	5	71	3	60	3	706	3	3.2	3.1	.03	3.2	-.06	3.2	-.04
		2	Some	9	16	448	19	287	16	3,449	16							
		3	Quite a bit	20	36	975	40	663	37	8,051	38							
		4	Very much	24	43	919	38	778	44	8,912	42							
		Total	56	100	2,413	100	1,788	100	21,118	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	3	5	284	12	151	8	2,221	11	2.9	2.8	.11	3.0	-.09	2.8	.04
		2	Some	15	27	647	27	407	23	5,487	26							
		3	Quite a bit	24	43	835	35	586	33	6,845	32							
		4	Very much	14	25	653	27	641	36	6,556	31							
		Total	56	100	2,419	100	1,785	100	21,109	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	4	7	161	7	97	5	1,262	6	3.0	2.9	.16	3.1	-.04	3.0	.05
		2	Some	9	17	634	26	363	20	4,914	23							
		3	Quite a bit	23	43	954	39	672	38	7,977	38							
		4	Very much	18	33	667	28	648	36	6,912	33							
		Total	54	100	2,416	100	1,780	100	21,065	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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	11	306	13	205	11	2,532	12	2.6	2.5	.05	2.6	-.03	2.6	-.01
		2	Sometimes	22	39	938	39	665	37	7,922	37							
		3	Often	19	34	817	34	607	34	7,092	33							
		4	Very often	9	16	367	15	318	18	3,670	17							
		Total	56	100	2,428	100	1,795	100	21,216	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	9	16	427	18	282	16	3,307	16	2.5	2.4	.16	2.5	.08	2.5	.08
		2	Sometimes	18	32	973	40	674	38	8,186	39							
		3	Often	19	34	694	29	557	31	6,358	30							
		4	Very often	10	18	331	14	273	15	3,329	16							
		Total	56	100	2,425	100	1,786	100	21,180	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	9	16	417	17	298	17	3,399	16	2.4	2.3	.11	2.4	.03	2.4	.03
		2	Sometimes	23	41	1,031	43	695	39	8,525	40							
		3	Often	14	25	681	28	554	31	6,228	30							
		4	Very often	10	18	291	12	243	14	2,958	14							
		Total	56	100	2,420	100	1,790	100	21,110	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	7	14	147	6	83	5	993	5	3.5	6.7 ***	-.51	7.6 ***	-.61	7.4 ***	-.59
		1.5	1-2	25	49	542	23	348	20	4,249	21							
		4	3-5	11	22	684	29	486	28	5,858	29							
		8	6-10	4	8	479	21	356	21	4,302	21							
		13	11-15	2	4	225	10	182	11	1,959	10							
		18	16-20	1	2	118	5	114	7	1,234	6							
		23	More than 20	1	2	134	6	140	8	1,702	8							
		Total	51	100	2,329	100	1,709	100	20,297	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	18	33	581	26	396	23	4,541	23	2.0	2.7	-.19	3.3 **	-.31	3.4 ***	-.32
		1.5	1-2	26	48	957	42	632	37	7,588	38							
		4	3-5	4	7	483	21	386	23	4,454	22							
		8	6-10	5	9	167	7	178	11	2,016	10							
		13	11-15	1	2	54	2	56	3	639	3							
		18	16-20	0	0	17	1	25	1	340	2							
		23	More than 20	0	0	15	1	22	1	334	2							
		Total	54	100	2,274	100	1,695	100	19,912	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

				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	33	66	1,098	49	849	52	9,584	49	1.1	1.6	-.16	1.7	-.17	1.8	-.21
		1.5	1-2	11	22	808	36	540	33	6,573	34							
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	4	3-5	4	8	214	10	135	8	1,849	10							
		8	6-10	1	2	58	3	41	3	648	3							
		13	11-15	1	2	23	1	28	2	296	2							
		18	16-20	0	0	13	1	13	1	190	1							
		23	More than 20	0	0	19	1	19	1	249	1							
	Total			50	100	2,233	100	1,625	100	19,389	100							
Estimated number of assigned pages of student writing.	wrpages											41	61 *	-.28	71 *	-.35	73 ***	-.37
	(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	7	13	155	6	118	7	1,132	5	2.4	3.0 ***	-.57	3.0 ***	-.54	3.1 ***	-.68
		2	Sometimes	26	46	664	27	498	28	5,011	24							
		3	Often	14	25	666	27	514	29	5,966	28							
		4	Very often	9	16	943	39	665	37	9,075	43							
		Total			56	100	2,428	100	1,795	100	21,184							
b. People from an economic background other than your own	DDeconomic	1	Never	3	5	130	5	90	5	920	4	3.0	3.0	-.05	3.0	-.06	3.1	-.15
		2	Sometimes	12	22	612	25	441	25	4,673	22							
		3	Often	24	44	788	32	613	34	6,947	33							
		4	Very often	16	29	897	37	650	36	8,610	41							
		Total			55	100	2,427	100	1,794	100	21,150							
c. People with religious beliefs other than your own	DDreligion	1	Never	5	9	165	7	115	6	1,391	7	2.8	3.0	-.23	3.0	-.24	3.0	-.24
		2	Sometimes	17	31	615	25	447	25	5,443	26							
		3	Often	19	35	730	30	575	32	6,298	30							
		4	Very often	14	25	910	38	649	36	7,992	38							
		Total			55	100	2,420	100	1,786	100	21,124							
d. People with political views other than your own	DDpolitical	1	Never	6	11	167	7	90	5	1,115	5	2.9	3.0	-.12	3.0	-.18	3.0	-.17
		2	Sometimes	11	20	572	24	420	24	5,029	24							
		3	Often	21	38	754	31	586	33	6,745	32							
		4	Very often	17	31	918	38	689	39	8,174	39							
		Total			55	100	2,411	100	1,785	100	21,063							

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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	1	2	44	2	19	1	253	1	3.3	3.3	.01	3.4	-.13	3.3	-.10	
		2	Sometimes	7	13	350	14	219	12	2,645	12								
		3	Often	24	43	962	40	654	36	7,894	37								
		4	Very often	24	43	1,065	44	904	50	10,392	49								
		Total	56	100	2,421	100	1,796	100	21,184	100									
b. Reviewed your notes after class	LSnotes	1	Never	3	5	119	5	75	4	1,071	5	3.2	3.1	.08	3.2	.03	3.1	.10	
		2	Sometimes	10	18	553	23	374	21	4,820	23								
		3	Often	17	30	702	29	541	30	6,407	30								
		4	Very often	26	46	1,038	43	796	45	8,825	42								
		Total	56	100	2,412	100	1,786	100	21,123	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	1	2	122	5	67	4	948	5	3.1	3.0	.01	3.1	-.10	3.1	-.03	
		2	Sometimes	14	25	552	23	350	20	4,618	22								
		3	Often	21	38	823	34	635	36	7,167	34								
		4	Very often	19	35	910	38	727	41	8,245	39								
		Total	55	100	2,407	100	1,779	100	20,978	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	9	0	2	0	71	0	5.7	5.9	-.17	6.0 *	-.32	6.0 *	-.28	
		2		0	0	19	1	16	1	126	1								
		3		1	2	45	2	39	2	364	2								
		4		7	13	143	6	76	4	1,131	5								
		5		15	27	588	24	338	19	4,464	21								
		6		19	34	815	34	603	34	6,723	32								
		7	Very much	14	25	806	33	721	40	8,281	39								
		Total	56	100	2,425	100	1,795	100	21,160	100									



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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions			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
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 (Means indicate the percentage who responded "Done or in progress.")	Have not decided	2	4	106	4	82	5	1,353	6	63%	55%	.16	58%	.09	53%	.19			
			8	14	310	13	262	15	3,152	15										
			11	20	688	28	410	23	5,487	26										
			35	63	1,325	55	1,044	58	11,216	53										
			56	100	2,429	100	1,798	100	21,208	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	3	5	228	9	176	10	2,475	12	33%	31%	.04	29%	.07	31%	.03			
			31	56	1,256	52	942	53	10,148	48										
			3	5	197	8	145	8	1,955	9										
			18	33	744	31	528	29	6,586	31										
			55	100	2,425	100	1,791	100	21,164	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	7	13	233	10	191	11	2,578	12	36%	31%	.09	32%	.07	31%	.11			
			23	41	1,191	50	857	48	9,809	46										
			6	11	226	9	159	9	2,238	11										
			20	36	756	31	581	32	6,487	31										
			56	100	2,406	100	1,788	100	21,112	100										
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")	Have not decided	7	13	260	11	204	11	2,492	12	11%	7%	.13	9%	.09	9%	.07			
			36	68	1,843	76	1,339	75	15,295	72										
			4	8	132	5	94	5	1,385	7										
			6	11	179	7	154	9	1,927	9										
			53	100	2,414	100	1,791	100	21,099	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	12	22	386	16	276	15	3,572	17	18%	21%	-.07	21%	-.07	19%	-.03			
			27	49	1,210	50	935	52	10,540	50										
			6	11	310	13	201	11	2,824	13										
			10	18	503	21	371	21	4,086	19										
			55	100	2,409	100	1,783	100	21,022	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	5	9	203	8	170	9	2,197	10	42%	43%	-.02	42%	-.01	37%	.09			
			14	25	477	20	355	20	5,050	24										
			13	24	696	29	512	29	5,948	28										
			23	42	1,036	43	755	42	7,887	37										
			55	100	2,412	100	1,792	100	21,082	100										

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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	6	11	661	27	345	19	4,716	22	2.2	1.9 **	.40	2.1	.24	2.0 *	.29			
		2	Some	30	56	1,286	53	1,034	58	11,810	56										
		3	Most	17	31	424	17	345	19	3,901	18										
		4	All	1	2	53	2	61	3	705	3										
		Total		54	100	2,424	100	1,785	100	21,132	100										
13. Indicate the quality of your interactions with the following people at your institution.																					
a. Students	QIstudent	1	Poor	0	0	28	1	8	0	160	1	6.1	5.8	.26	6.0	.11	5.9	.16			
		2		0	0	36	1	14	1	220	1										
		3		2	4	55	2	47	3	559	3										
		4		2	4	172	7	94	5	1,363	6										
		5		8	14	469	19	302	17	3,721	18										
		6		19	34	792	33	567	32	6,448	30										
		7	Excellent	25	45	810	33	729	41	8,334	39										
		—	Not applicable	0	0	65	3	31	2	395	2										
		Total		56	100	2,427	100	1,792	100	21,200	100										
b. Academic advisors	QIadvisor	1	Poor	3	5	142	6	70	4	978	5	5.2	5.0	.08	5.6	-.24	5.3	-.08			
		2		3	5	155	6	55	3	1,014	5										
		3		5	9	198	8	96	5	1,418	7										
		4		8	14	309	13	147	8	2,356	11										
		5		5	9	435	18	286	16	3,542	17										
		6		16	29	496	20	447	25	4,549	22										
		7	Excellent	16	29	649	27	657	37	6,929	33										
		—	Not applicable	0	0	46	2	37	2	369	2										
		Total		56	100	2,430	100	1,795	100	21,155	100										
c. Faculty	QIfaculty	1	Poor	0	0	41	2	16	1	275	1	5.7	5.5	.13	5.8	-.07	5.7	.05			
		2		0	0	62	3	29	2	433	2										
		3		5	9	88	4	56	3	856	4										
		4		6	11	264	11	143	8	1,975	9										
		5		8	14	523	22	334	19	4,244	20										
		6		18	32	773	32	560	31	6,527	31										
		7	Excellent	19	34	650	27	628	35	6,571	31										
		—	Not applicable	0	0	16	1	16	1	170	1										
		Total		56	100	2,417	100	1,782	100	21,051	100										

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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	1	2	107	4	61	3	917	4	5.4	4.8 *	.35	5.1	.17	5.0	.25
		2		3	5	120	5	74	4	944	4							
		3		2	4	158	7	94	5	1,293	6							
		4		6	11	294	12	194	11	2,367	11							
		5		9	16	364	15	258	14	3,402	16							
		6		14	25	402	17	335	19	3,683	17							
		7	Excellent	14	25	312	13	321	18	3,521	17							
		—	Not applicable	7	13	654	27	454	25	4,972	24							
	Total	56	100	2,411	100	1,791	100	21,099	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	1	2	129	5	88	5	1,000	5	5.0	4.8	.12	5.1	-.06	5.0	.01
		2		2	4	140	6	81	5	1,153	5							
		3		2	4	202	8	116	7	1,577	7							
		4		10	19	367	15	216	12	2,858	14							
		5		19	35	514	21	343	19	4,146	20							
		6		8	15	498	21	416	23	4,712	22							
		7	Excellent	9	17	417	17	428	24	4,669	22							
		—	Not applicable	3	6	160	7	94	5	1,022	5							
	Total	54	100	2,427	100	1,782	100	21,137	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	2	29	1	10	1	238	1	3.5	3.3	.22	3.3	.19	3.3	.16
		2	Some	3	5	290	12	223	13	2,406	11							
		3	Quite a bit	21	38	1,028	43	738	41	8,459	40							
		4	Very much	30	55	1,071	44	811	46	10,016	47							
			Total	55	100	2,418	100	1,782	100	21,119	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	4	7	110	5	63	4	853	4	2.9	3.0	-.05	3.1	-.17	3.1	-.16
		2	Some	10	18	511	21	356	20	4,046	19							
		3	Quite a bit	26	47	1,070	45	720	41	8,622	41							
		4	Very much	15	27	709	30	635	36	7,453	36							
			Total	55	100	2,400	100	1,774	100	20,974	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	7	13	258	11	177	10	1,743	8	2.8	2.8	-.01	2.9	-.05	2.9	-.13
		2	Some	13	24	563	23	426	24	4,699	22							
		3	Quite a bit	18	33	921	38	629	35	7,658	36							
		4	Very much	17	31	657	27	540	30	6,916	33							
			Total	55	100	2,399	100	1,772	100	21,016	100							

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	12	22	416	17	229	13	2,972	14	2.3	2.5	-.23	2.7 **	-.36	2.7 **	-.35	
		2	Some	22	40	758	31	559	31	6,388	30								
		3	Quite a bit	13	24	749	31	579	33	6,517	31								
		4	Very much	8	15	488	20	411	23	5,151	24								
		Total	55	100	2,411	100	1,778	100	21,028	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	4	7	228	10	135	8	1,868	9	3.0	2.8	.15	2.9	.10	2.9	.10	
		2	Some	12	22	600	25	421	24	5,028	24								
		3	Quite a bit	20	36	904	38	710	40	7,725	37								
		4	Very much	19	35	667	28	505	29	6,400	30								
		Total	55	100	2,399	100	1,771	100	21,021	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	3	5	292	12	170	10	2,358	11	3.1	2.8 *	.29	2.8	.25	2.8	.25	
		2	Some	10	18	594	25	466	26	5,081	24								
		3	Quite a bit	22	40	842	35	614	35	7,337	35								
		4	Very much	20	36	677	28	520	29	6,226	30								
		Total	55	100	2,405	100	1,770	100	21,002	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	16	29	890	37	540	30	6,622	32	2.1	2.0	.12	2.2	-.05	2.2	-.03	
		2	Some	20	36	817	34	586	33	7,013	33								
		3	Quite a bit	14	25	442	18	413	23	4,478	21								
		4	Very much	5	9	255	11	235	13	2,890	14								
		Total	55	100	2,404	100	1,774	100	21,003	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	6	11	426	18	306	17	3,997	19	2.8	2.6	.20	2.6	.17	2.6	.17	
		2	Some	13	25	715	30	506	29	5,581	27								
		3	Quite a bit	22	42	756	32	568	32	6,553	31								
		4	Very much	12	23	494	21	384	22	4,764	23								
		Total	53	100	2,391	100	1,764	100	20,895	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	7	13	484	20	367	21	4,351	21	2.5	2.4	.18	2.4	.13	2.4	.13	
		2	Some	19	37	881	37	575	33	7,073	34								
		3	Quite a bit	17	33	680	29	543	31	6,005	29								
		4	Very much	9	17	339	14	277	16	3,459	17								
		Total	52	100	2,384	100	1,762	100	20,888	100									

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

				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	5	0	1	0	41	0	16.3	15.2	.13	15.9	.05	15.7	.06
		3	1-5 hrs	9	16	315	13	188	11	2,438	12							
		8	6-10 hrs	13	23	530	22	384	22	4,609	22							
		13	11-15 hrs	9	16	507	21	372	21	4,183	20							
		18	16-20 hrs	6	11	439	18	337	19	3,849	18							
		23	21-25 hrs	4	7	275	11	201	11	2,485	12							
		28	26-30 hrs	6	11	169	7	143	8	1,673	8							
		33	More than 30 hrs	9	16	181	7	154	9	1,832	9							
		Total	56	100	2,421	100	1,780	100	21,110	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	24	43	1,229	51	969	54	10,511	50	3.9	3.6	.05	3.5	.08	3.8	.02
		3	1-5 hrs	19	34	689	29	473	27	5,941	28							
		8	6-10 hrs	6	11	237	10	155	9	2,094	10							
		13	11-15 hrs	4	7	102	4	69	4	1,007	5							
		18	16-20 hrs	2	4	71	3	50	3	696	3							
		23	21-25 hrs	0	0	32	1	27	2	338	2							
		28	26-30 hrs	1	2	18	1	17	1	191	1							
		33	More than 30 hrs	0	0	29	1	19	1	219	1							
		Total	56	100	2,407	100	1,779	100	20,997	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	34	62	1,915	79	1,442	81	16,377	78	6.1	2.9 *	.47	2.3 **	.66	2.8 **	.54
		3	1-5 hrs	1	2	60	2	77	4	873	4							
		8	6-10 hrs	4	7	132	5	97	5	1,319	6							
		13	11-15 hrs	4	7	113	5	60	3	932	4							
		18	16-20 hrs	7	13	103	4	64	4	999	5							
		23	21-25 hrs	4	7	48	2	18	1	259	1							
		28	26-30 hrs	0	0	18	1	7	0	111	1							
		33	More than 30 hrs	1	2	27	1	14	1	168	1							
		Total	55	100	2,416	100	1,779	100	21,038	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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
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	23	42	792	33	567	32	7,944	38	11.9	15.0	-.23	15.1	-.23	13.8	-.14	
		3	1-5 hrs	1	2	109	5	107	6	1,076	5								
		8	6-10 hrs	3	5	163	7	135	8	1,425	7								
		13	11-15 hrs	6	11	172	7	134	8	1,456	7								
		18	16-20 hrs	6	11	243	10	133	7	1,708	8								
		23	21-25 hrs	7	13	201	8	131	7	1,365	7								
		28	26-30 hrs	3	5	137	6	95	5	960	5								
		33	More than 30 hrs	6	11	585	24	473	27	5,031	24								
		Total	55	100	2,402	100	1,775	100	20,965	100									
e. Doing community service or volunteer work	tmervicehrs  (Recoded version of tmervice created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	23	41	1,072	45	717	41	8,820	42	3.6	3.1	.10	3.3	.06	3.3	.06	
		3	1-5 hrs	22	39	978	41	779	44	8,744	42								
		8	6-10 hrs	4	7	183	8	131	7	1,785	9								
		13	11-15 hrs	5	9	72	3	50	3	650	3								
		18	16-20 hrs	1	2	38	2	39	2	393	2								
		23	21-25 hrs	1	2	17	1	18	1	185	1								
		28	26-30 hrs	0	0	9	0	9	1	95	0								
		33	More than 30 hrs	0	0	25	1	14	1	186	1								
		Total	56	100	2,394	100	1,757	100	20,858	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	4	7	66	3	51	3	646	3	11.7	9.6 *	.28	9.0 **	.37	9.1 **	.35	
		3	1-5 hrs	10	18	800	33	643	36	7,519	36								
		8	6-10 hrs	14	25	692	29	533	30	6,076	29								
		13	11-15 hrs	11	20	391	16	247	14	3,212	15								
		18	16-20 hrs	9	16	231	10	156	9	1,854	9								
		23	21-25 hrs	4	7	109	5	72	4	820	4								
		28	26-30 hrs	3	5	39	2	29	2	321	2								
		33	More than 30 hrs	1	2	69	3	40	2	533	3								
		Total	56	100	2,397	100	1,771	100	20,981	100									

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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	35	64	1,346	56	888	50	11,216	53	7.8	8.1	-.02	9.9	-.16	8.8	-.08
		3	1-5 hrs	4	7	292	12	207	12	2,479	12							
		8	6-10 hrs	1	2	139	6	102	6	1,226	6							
		13	11-15 hrs	1	2	74	3	64	4	759	4							
		18	16-20 hrs	2	4	72	3	75	4	722	3							
		23	21-25 hrs	3	5	37	2	31	2	444	2							
		28	26-30 hrs	1	2	34	1	44	2	403	2							
		33	More than 30 hrs	8	15	404	17	364	21	3,721	18							
		Total	55	100	2,398	100	1,775	100	20,970	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	4	7	493	20	404	23	5,414	26	5.3	4.5	.16	4.3	.19	4.3	.18
		3	1-5 hrs	38	68	1,284	53	979	55	10,626	50							
		8	6-10 hrs	7	13	440	18	237	13	3,178	15							
		13	11-15 hrs	4	7	102	4	85	5	943	4							
		18	16-20 hrs	1	2	45	2	36	2	390	2							
		23	21-25 hrs	1	2	18	1	13	1	179	1							
		28	26-30 hrs	0	0	10	0	6	0	98	0							
		33	More than 30 hrs	1	2	17	1	18	1	228	1							
		Total	56	100	2,409	100	1,778	100	21,056	100								
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											18.4	17.8	.05	17.3	.08	16.4	.15
16. Of the time you spend preparing for class in a typical 7-day week, about how many hours are on assigned reading?												8.5	6.5	.34	7.9	.09	7.4	.17
	tmreadhrs  (Recoded version of tmread created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	2	4	135	6	52	3	741	4							
		3	1-5 hrs	29	53	1,247	51	788	44	9,963	47							
		8	6-10 hrs	12	22	625	26	512	29	5,855	28							
		13	11-15 hrs	1	2	222	9	223	12	2,324	11							
		18	16-20 hrs	5	9	114	5	115	6	1,266	6							
		23	21-25 hrs	1	2	41	2	42	2	474	2							
		28	26-30 hrs	1	2	16	1	25	1	239	1							
		33	More than 30 hrs	4	7	23	1	33	2	295	1							
		Total	55	100	2,423	100	1,790	100	21,157	100								

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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

				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>
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	7	13	166	7	108	6	1,221	6	2.8	2.9	-.14	3.0	-.23	3.0 *	-.27
		2	Some	11	20	576	24	381	21	4,351	21							
		3	Quite a bit	24	43	936	39	688	38	7,846	37							
		4	Very much	14	25	746	31	616	34	7,739	37							
		Total	56	100	2,424	100	1,793	100	21,157	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	4	7	264	11	146	8	1,868	9	2.8	2.8	.03	2.9	-.12	2.9	-.09
		2	Some	16	29	635	26	398	22	4,896	23							
		3	Quite a bit	22	39	849	35	677	38	7,620	36							
		4	Very much	14	25	664	28	567	32	6,686	32							
		Total	56	100	2,412	100	1,788	100	21,070	100								
c. Thinking critically and analytically	pgthink	1	Very little	0	0	52	2	42	2	415	2	3.5	3.3	.26	3.4	.15	3.4	.16
		2	Some	6	11	320	13	193	11	2,269	11							
		3	Quite a bit	17	30	941	39	622	35	7,614	36							
		4	Very much	33	59	1,102	46	928	52	10,807	51							
		Total	56	100	2,415	100	1,785	100	21,105	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	7	13	201	8	154	9	1,810	9	2.7	2.8	-.02	2.8	-.07	2.8	-.07
		2	Some	14	25	781	32	523	29	6,176	29							
		3	Quite a bit	22	39	855	35	646	36	7,504	36							
		4	Very much	13	23	579	24	465	26	5,600	27							
		Total	56	100	2,416	100	1,788	100	21,090	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	1	2	141	6	72	4	1,109	5	3.5	3.2 *	.34	3.3	.25	3.2 *	.29
		2	Some	6	11	398	16	271	15	3,369	16							
		3	Quite a bit	15	27	809	33	577	32	6,696	32							
		4	Very much	34	61	1,071	44	872	49	9,950	47							
		Total	56	100	2,419	100	1,792	100	21,124	100								
f. Working effectively with others	pgothers	1	Very little	3	5	145	6	73	4	952	5	3.3	3.1	.26	3.2	.15	3.2	.14
		2	Some	5	9	479	20	321	18	3,583	17							
		3	Quite a bit	21	38	883	37	648	36	7,539	36							
		4	Very much	27	48	901	37	748	42	8,978	43							
		Total	56	100	2,408	100	1,790	100	21,052	100								



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

## Frequencies and Statistical Comparisons: Health Professions

### Northern Michigan University

#### Seniors in Health Professions

Seniors in Health Professions				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>	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	5	9	251	10	152	9	1,679	8	3.0	2.8	.16	3.0	.03	
		2	Some	13	23	604	25	379	21	4,420	21						
		3	Quite a bit	15	27	832	34	625	35	6,949	33						
		4	Very much	23	41	732	30	632	35	8,042	38						
		Total	56	100	2,419	100	1,788	100	21,090	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	4	7	264	11	152	8	1,791	8	2.8	2.8	-.01	2.9	-.12	
		2	Some	20	36	652	27	444	25	5,281	25						
		3	Quite a bit	16	29	821	34	628	35	7,037	33						
		4	Very much	16	29	683	28	569	32	6,998	33						
		Total	56	100	2,420	100	1,793	100	21,107	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	4	7	247	10	141	8	1,590	8	3.1	2.8 *	.30	2.9	.21	
		2	Some	11	20	649	27	446	25	5,212	25						
		3	Quite a bit	16	29	824	34	633	35	7,386	35						
		4	Very much	25	45	697	29	567	32	6,891	33						
		Total	56	100	2,417	100	1,787	100	21,079	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	7	13	301	13	188	11	2,033	10	2.8	2.7	.09	2.8	-.03	
		2	Some	14	25	735	31	479	27	5,680	27						
		3	Quite a bit	19	35	811	34	622	35	7,129	34						
		4	Very much	15	27	554	23	492	28	6,124	29						
		Total	55	100	2,401	100	1,781	100	20,966	100							
18. How would you evaluate your entire educational experience at this institution?																	
	evalexp	1	Poor	2	4	51	2	37	2	330	2	3.4	3.2	.18	3.4	-.01	
		2	Fair	3	5	273	11	140	8	1,843	9						
		3	Good	24	43	1,176	48	752	42	8,967	42						
		4	Excellent	27	48	927	38	866	48	10,053	47						
		Total	56	100	2,427	100	1,795	100	21,193	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	1	2	96	4	65	4	773	4	3.3	3.2	.12	3.3	-.02	
		2	Probably no	6	11	321	13	176	10	2,250	11						
		3	Probably yes	23	41	963	40	642	36	7,581	36						
		4	Definitely yes	26	46	1,051	43	914	51	10,611	50						
		Total	56	100	2,431	100	1,797	100	21,215	100							

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

## Respondent Profile: Health Professions

### Northern Michigan University

#### Health Professions

				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	
20. What is your class level?	class	Freshman/First-year		36	95	1,848	89	1,178	85	13,712	86	0	0	13	1	13	1	110	
		Sophomore		2	5	177	9	135	10	1,525	10	1	2	28	1	31	2	288	
		Junior		0	0	17	1	25	2	225	1	1	2	239	10	177	10	2,167	
		Senior		0	0	11	1	15	1	118	1	53	95	2,056	85	1,485	82	17,596	
		Unclassified		0	0	27	1	25	2	276	2	1	2	97	4	97	5	1,087	
		Total		38	100	2,080	100	1,378	100	15,856	100	56	100	2,433	100	1,803	100	21,248	
21. Thinking about this current academic term, are you a full-time student?	fulltime	No		1	3	79	4	73	5	745	5	5	9	625	26	425	24	4,513	
		Yes		37	97	2,000	96	1,304	95	15,088	95	50	91	1,804	74	1,371	76	16,680	
		Total		38	100	2,079	100	1,377	100	15,833	100	55	100	2,429	100	1,796	100	21,193	
22a. How many courses are you taking for credit this current academic term?	coursenum	0		0	0	8	0	2	0	60	0	2	4	38	2	34	2	434	
		1		0	0	9	0	20	1	186	1	0	0	149	6	115	6	1,450	
		2		0	0	35	2	36	3	387	2	2	4	409	17	212	12	2,566	
		3		4	11	60	3	33	2	580	4	11	20	370	15	311	17	3,139	
		4		18	47	619	30	304	22	3,633	23	15	27	513	21	391	22	4,862	
		5		8	21	756	36	569	41	5,983	38	18	32	457	19	334	19	4,013	
		6		5	13	355	17	251	18	2,985	19	3	5	234	10	185	10	2,110	
		7 or more		3	8	244	12	164	12	2,057	13	5	9	268	11	222	12	2,658	
		Total		38	100	2,086	100	1,379	100	15,871	100	56	100	2,438	100	1,804	100	21,232	
b. Of these, how many are entirely online?	onlinenum	0		29	76	1,767	85	1,150	84	13,092	83	43	80	1,456	61	1,082	61	12,779	
		1		9	24	235	11	143	10	1,755	11	7	13	432	18	307	17	3,491	
		2		0	0	47	2	41	3	530	3	2	4	307	13	161	9	2,016	
		3		0	0	7	0	15	1	173	1	1	2	94	4	82	5	951	
		4		0	0	9	0	12	1	102	1	0	0	37	2	53	3	595	
		5		0	0	2	0	8	1	32	0	1	2	13	1	24	1	204	
		6		0	0	0	0	1	0	24	0	0	0	27	1	20	1	212	
		7 or more		0	0	3	0	2	0	59	0	0	0	37	2	42	2	549	
		Total		38	100	2,070	100	1,372	100	15,767	100	54	100	2,403	100	1,771	100	20,797	
Student taking all courses online	allonline (Based on responses to coursenum and onlinenum.)	No		38	100	2,064	99	1,332	97	15,269	97	55	98	2,010	83	1,469	82	16,987	
		Yes		0	0	13	1	42	3	549	3	1	2	425	17	329	18	4,174	
		Total		38	100	2,077	100	1,374	100	15,818	100	56	100	2,435	100	1,798	100	21,161	

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

## Respondent Profile: Health Professions

### Northern Michigan University

#### Health Professions

				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	
23a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One		38	100	1,964	94	1,305	94	14,892	94	54	96	2,294	94	1,694	94	19,963	
		More than one		0	0	126	6	76	6	1,007	6	2	4	146	6	111	6	1,327	
		Total		38	100	2,090	100	1,381	100	15,899	100	56	100	2,440	100	1,805	100	21,290	
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	0	0	0	0	0	0	0	0	
		Biological Sci., Agriculture, & Natural Resources		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Physical Sci., Mathematics, & Computer Science		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Social Sciences		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Business		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Communications, Media, & Public Relations		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Education		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Engineering		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Health professions		38	100	2,090	100	1,382	100	15,904	100	56	100	2,441	100	1,805	100	21,307	
		Social service professions		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		All other		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Undecided/undeclared		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Total		38	100	2,090	100	1,382	100	15,904	100	56	100	2,441	100	1,805	100	21,307	
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		0	0	17	13	13	17	128	13	1	50	15	10	7	7	125	
		Biological Sci., Agriculture, & Natural Resources		0	0	12	10	5	7	117	12	0	0	15	10	10	9	135	
		Physical Sci., Mathematics, & Computer Science		0	0	3	2	1	1	29	3	0	0	3	2	0	0	8	
		Social Sciences		0	0	14	11	8	11	141	14	0	0	28	19	14	13	216	
		Business		0	0	9	7	10	13	88	9	0	0	3	2	9	8	85	
		Communications, Media, & Public Relations		0	0	4	3	0	0	12	1	0	0	0	0	1	1	7	
		Education		0	0	4	3	4	5	40	4	0	0	6	4	9	8	53	
		Engineering		0	0	1	1	0	0	4	0	0	0	0	0	0	0	2	
		Health professions		0	0	52	41	30	39	343	34	1	50	62	43	44	41	511	
		Social service professions		0	0	2	2	2	3	30	3	0	0	2	1	1	1	33	
		All other		0	0	3	2	2	3	36	4	0	0	6	4	8	7	77	
		Undecided, undeclared		0	0	5	4	1	1	32	3	0	0	5	3	4	4	52	
		Total		0	0	126	100	76	100	1,000	100	2	100	145	100	107	100	1,304	

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

## Respondent Profile: Health Professions

### Northern Michigan University

#### Health Professions

Health Professions				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	%	
24. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	35	2	17	1	209	1	0	0	7	0	2	0	33		
		C	0	0	47	2	31	2	340	2	1	2	24	1	7	0	190		
		C+	0	0	77	4	60	4	672	4	1	2	44	2	41	2	493		
		B-	2	5	132	6	70	5	972	6	3	5	94	4	90	5	946		
		B	7	18	426	20	285	21	2,970	19	6	11	415	17	285	16	3,545		
		B+	8	21	407	20	275	20	3,175	20	12	21	498	20	326	18	4,142		
		A-	6	16	388	19	251	18	3,161	20	22	39	557	23	377	21	4,647		
		A	15	39	572	27	393	28	4,372	28	11	20	801	33	676	37	7,269		
Total	38	100	2,084	100	1,382	100	15,871	100	56	100	2,440	100	1,804	100	21,265				
25. Did you begin college at this institution or elsewhere?	begincol	Started here	34	89	1,907	92	1,211	88	13,974	88	34	61	1,146	47	750	42	9,661		
		Started elsewhere	4	11	173	8	169	12	1,877	12	22	39	1,290	53	1,052	58	11,574		
		Total	38	100	2,080	100	1,380	100	15,851	100	56	100	2,436	100	1,802	100	21,235		
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	3	8	96	5	78	6	804	5	3	5	256	11	289	16	2,626		
	attend_com	Community or junior college	4	11	178	9	158	11	1,839	12	18	32	1,210	50	853	47	10,359		
	attend_col	4-year college or university other than this one	1	3	159	8	145	11	1,412	9	13	23	711	29	651	36	6,847		
	attend_none	None	31	82	1,654	80	1,045	76	12,111	77	28	50	767	32	505	28	6,434		
	attend_other	Other	1	3	64	3	44	3	514	3	2	4	106	4	67	4	866		
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's	2	5	80	4	61	4	767	5	3	5	126	5	113	6	1,053		
		Bachelor's degree	15	39	588	28	424	31	4,298	27	12	21	607	25	501	28	5,097		
		Master's degree	9	24	781	38	491	36	5,823	37	20	36	1,099	45	753	42	9,285		
		Doctoral or professional degree	12	32	622	30	397	29	4,915	31	21	38	602	25	428	24	5,757		
		Total	38	100	2,071	100	1,373	100	15,803	100	56	100	2,434	100	1,795	100	21,192		

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

## Respondent Profile: Health Professions

### Northern Michigan University

#### Health Professions

			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	%
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	48	2	61	4	686	4	1	2	85	3	101	6	1,221	
		High school diploma or G.E.D.	6	16	410	20	263	19	3,005	19	12	22	572	24	429	24	4,712	
		Attended college, but did not complete degree	7	18	304	15	195	14	1,970	12	9	16	300	12	233	13	2,613	
		Associate's degree (A.A., A.S., etc.)	9	24	301	14	193	14	1,965	12	6	11	344	14	279	16	2,601	
		Bachelor's degree (B.A., B.S., etc.)	9	24	583	28	388	28	4,439	28	17	31	643	26	447	25	5,478	
		Master's degree (M.A., M.S., etc.)	4	11	349	17	209	15	2,879	18	7	13	380	16	226	13	3,344	
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	3	8	87	4	68	5	886	6	3	5	109	4	80	4	1,247	
		Total	38	100	2,082	100	1,377	100	15,830	100	55	100	2,433	100	1,795	100	21,216	
	First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	16	42	1,019	49	665	48	8,204	52	27	49	1,132	47	753	42	10,069	
		Yes	22	58	1,063	51	712	52	7,626	48	28	51	1,301	53	1,042	58	11,147	
		Total	38	100	2,082	100	1,377	100	15,830	100	55	100	2,433	100	1,795	100	21,216	
29. What is your gender?	gender	Female	34	89	1,710	82	1,149	84	13,133	83	45	80	1,970	81	1,445	81	17,176	
		Male	4	11	367	18	225	16	2,696	17	11	20	462	19	350	19	4,026	
		Total	38	100	2,077	100	1,374	100	15,829	100	56	100	2,432	100	1,795	100	21,202	
30. Age Category	agecat (Recoded from birthyear.)	19 or younger	35	92	1,847	89	1,146	83	13,493	85	0	0	3	0	3	0	70	
		20-23	2	5	108	5	84	6	933	6	36	64	1,295	54	810	45	10,696	
		24-29	1	3	40	2	46	3	443	3	11	20	428	18	352	20	3,525	
		30-39	0	0	52	3	60	4	512	3	4	7	333	14	301	17	3,102	
		40-55	0	0	28	1	37	3	400	3	4	7	335	14	303	17	3,336	
		Over 55	0	0	4	0	2	0	48	0	1	2	24	1	24	1	393	
		Total	38	100	2,079	100	1,375	100	15,829	100	56	100	2,418	100	1,793	100	21,122	
31. Are you an international student or foreign national?	internat	No	38	100	2,015	97	1,309	96	15,177	96	56	100	2,320	97	1,709	96	20,065	
		Yes	0	0	52	3	54	4	570	4	0	0	82	3	68	4	959	
		Total	38	100	2,067	100	1,363	100	15,747	100	56	100	2,402	100	1,777	100	21,024	

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

## Respondent Profile: Health Professions

### Northern Michigan University

#### Health Professions

			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	%
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	1	3	22	1	26	2	308	2	2	4	40	2	42	2	389	
	re_asian	Asian	0	0	78	4	75	5	899	6	1	2	97	4	71	4	1,139	
	re_black	Black or African American	1	3	237	11	134	10	1,691	11	1	2	160	7	160	9	2,080	
	re_latino	Hispanic or Latino	4	11	67	3	160	12	1,624	10	0	0	80	3	121	7	1,658	
	re_pacific	Native Hawaiian/Other Pac. Islander	0	0	12	1	13	1	147	1	0	0	14	1	11	1	158	
	re_white	White	34	89	1,699	82	1,023	74	11,652	74	50	89	2,013	83	1,403	78	15,767	
	re_other	Other	1	3	40	2	25	2	295	2	0	0	47	2	31	2	432	
	re_pnr	I prefer not to respond	2	5	42	2	43	3	422	3	4	7	85	3	63	4	804	
	Racial or ethnic identification	re_all	0	0	5	0	1	0	66	0	1	2	11	0	11	1	106	
		(Recorded from re_amind through re_pnr where each student is represented only once.)	0	0	61	3	54	4	677	4	0	0	85	3	50	3	911	
		Black or African American	0	0	195	9	110	8	1,392	9	1	2	138	6	139	8	1,862	
		Hispanic or Latino	2	5	36	2	115	8	1,197	8	0	0	48	2	94	5	1,232	
		Native Hawaiian/Other Pac. Islander	0	0	4	0	2	0	43	0	0	0	7	0	2	0	65	
		White	32	84	1,620	78	942	68	10,850	69	48	86	1,933	79	1,324	74	14,902	
		Other	0	0	22	1	11	1	168	1	0	0	35	1	20	1	291	
		Multiracial	2	5	96	5	100	7	1,020	6	2	4	93	4	92	5	1,044	
		I prefer not to respond	2	5	42	2	43	3	422	3	4	7	85	3	63	4	804	
		Total	38	100	2,081	100	1,378	100	15,835	100	56	100	2,435	100	1,795	100	21,217	
33. Are you a member of a social fraternity or sorority?	greek	No	38	100	1,870	90	1,272	93	14,430	91	54	96	2,232	92	1,685	94	19,479	
		Yes	0	0	204	10	101	7	1,373	9	2	4	196	8	102	6	1,686	
		Total	38	100	2,074	100	1,373	100	15,803	100	56	100	2,428	100	1,787	100	21,165	
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)	26	68	1,268	61	872	63	10,006	63	1	2	121	5	171	10	2,099	
		Fraternity or sorority house	0	0	19	1	2	0	101	1	0	0	25	1	3	0	186	
		Residence, <b>within</b> walking dist.	2	5	193	9	79	6	1,089	7	24	44	581	24	334	19	4,230	
		Residence, <b>farther than</b> walking dist.	8	21	523	25	378	27	4,071	26	28	51	1,550	64	1,186	66	13,057	
		None of the above	2	5	73	4	44	3	546	3	2	4	158	6	102	6	1,638	
		Total	38	100	2,076	100	1,375	100	15,813	100	55	100	2,435	100	1,796	100	21,210	
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	35	92	1,952	94	1,178	86	14,008	89	55	100	2,332	97	1,651	93	19,966	
		Yes	3	8	125	6	191	14	1,774	11	0	0	78	3	128	7	1,118	
		Total	38	100	2,077	100	1,369	100	15,782	100	55	100	2,410	100	1,779	100	21,084	

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

## Respondent Profile: Health Professions

### Northern Michigan University

#### Health Professions

			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	%
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	36	95	2,040	99	1,344	98	15,498	98	53	95	2,319	96	1,681	94	19,950	
		Yes	2	5	30	1	26	2	257	2	3	5	105	4	104	6	1,150	
		Total	38	100	2,070	100	1,370	100	15,755	100	56	100	2,424	100	1,785	100	21,100	
37a. Have you been diagnosed with any disability or impairment?	disability	No	36	97	1,922	92	1,273	93	14,549	92	51	91	2,208	91	1,630	91	19,141	
		Yes	1	3	114	5	80	6	899	6	2	4	158	7	109	6	1,455	
		I prefer not to respond	0	0	43	2	19	1	354	2	3	5	59	2	45	3	518	
		Total	37	100	2,079	100	1,372	100	15,802	100	56	100	2,425	100	1,784	100	21,114	
b. [If, yes] Which of the following have been diagnosed? (Select all that apply)	dis_sense	A sensory impairment	0	0	22	14	15	15	169	14	0	0	29	13	20	13	234	
	dis_mobility	A mobility impairment	1	100	5	3	7	7	68	5	1	20	17	8	9	6	209	
	dis_learning	A learning disability	0	0	61	40	34	34	431	35	0	0	77	35	48	31	670	
	dis_mental	A mental health disorder	1	100	21	14	13	13	166	13	1	20	45	21	25	16	316	
	dis_other	A disability not listed	0	0	28	18	21	21	218	17	0	0	38	18	28	18	356	
	Disability or impairment	disability_all (Recoded from disability and dis_sense through dis_other where each student is represented only once.)	0	0	14	1	12	1	120	1	0	0	13	1	13	1	142	
38. Which of the following best describes your sexual orientation? (Optional question administered per institution request.)	sexorient	A mobility impairment	0	0	3	0	6	0	40	0	1	2	10	0	7	0	133	
		A learning disability	0	0	43	2	27	2	333	2	0	0	55	2	38	2	507	
		A mental health disorder	0	0	9	0	8	1	95	1	1	2	19	1	12	1	158	
		A disability not listed	0	0	21	1	17	1	169	1	0	0	23	1	20	1	243	
		More than one disability	1	3	21	1	10	1	136	1	0	0	38	2	19	1	271	
		No disability or impairment	36	97	1,922	93	1,273	93	14,549	92	51	91	2,208	91	1,630	91	19,141	
		Prefer not to respond	0	0	43	2	19	1	354	2	3	5	59	2	45	3	518	
		Total	37	100	2,076	100	1,372	100	15,796	100	56	100	2,425	100	1,784	100	21,113	
		Heterosexual	--	--	755	94	437	94	4,031	92	--	--	898	93	695	90	5,147	
		Gay	--	--	6	1	1	0	25	1	--	--	7	1	7	1	49	
		Lesbian	--	--	2	0	2	0	23	1	--	--	8	1	3	0	59	
		Bisexual	--	--	8	1	4	1	61	1	--	--	6	1	8	1	78	
		Questioning or unsure	--	--	7	1	2	0	34	1	--	--	2	0	1	0	11	
		I prefer not to respond	--	--	27	3	19	4	203	5	--	--	44	5	55	7	278	
		Total	--	--	805	100	465	100	4,377	100	--	--	965	100	769	100	5,622	

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

## Respondent Profile: Health Professions

### Northern Michigan University

#### Health Professions

			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	%
<b>Institution-reported information</b>																		
(Variables provided by your institution in your NSSE population file.)																		
Institution-reported: Gender	IRgender	Female	34	89	1,726	83	1,156	84	13,219	83	45	80	1,983	81	1,459	81	17,312	
		Male	4	11	364	17	226	16	2,685	17	11	20	458	19	345	19	3,994	
		Total	38	100	2,090	100	1,382	100	15,904	100	56	100	2,441	100	1,804	100	21,306	
Institution-reported: Race	IRrace	American Indian or Alaska Native	0	0	2	0	2	0	81	1	0	0	14	1	12	1	121	
		Asian	0	0	39	2	37	3	480	3	0	0	66	3	36	2	656	
		Black or African American	0	0	193	11	108	9	1,385	10	0	0	149	7	173	11	1,790	
		Hispanic or Latino	0	0	49	3	133	10	1,411	10	0	0	68	3	107	7	1,377	
		Native Hawaiian/Other Pac. Islander	0	0	1	0	1	0	28	0	0	0	2	0	0	0	32	
		White	0	0	1,342	77	860	68	9,308	67	0	0	1,725	80	1,136	71	12,965	
		Other	0	0	3	0	6	0	48	0	0	0	2	0	13	1	122	
		Foreign or nonresident alien	0	0	21	1	13	1	177	1	0	0	32	1	12	1	249	
		Two or more races/ethnicities	0	0	48	3	35	3	432	3	0	0	31	1	27	2	266	
		Unknown	0	0	40	2	72	6	622	4	0	0	72	3	79	5	1,273	
		Total	0	0	1,738	100	1,267	100	13,972	100	0	0	2,161	100	1,595	100	18,851	
Institution-reported: Class level	IRclass	Freshman/First-Year	38	100	2,090	100	1,382	100	15,904	100	0	0	0	0	0	0	0	
		Sophomore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Junior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Senior	0	0	0	0	0	0	0	0	56	100	2,441	100	1,805	100	21,307	
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Total	38	100	2,090	100	1,382	100	15,904	100	56	100	2,441	100	1,805	100	21,307	
Institution-reported: First-time first-year (FTFY)	IRftfy	No	20	53	268	13	241	17	2,566	16	56	100	2,441	100	1,803	100	20,801	
		Yes	18	47	1,822	87	1,141	83	13,338	84	0	0	0	0	2	0	506	
		Total	38	100	2,090	100	1,382	100	15,904	100	56	100	2,441	100	1,805	100	21,307	
Institution-reported: Enrollment status	IRenrollment	Not full-time	1	3	92	4	100	7	895	6	9	16	812	33	531	29	4,868	
		Full-time	37	97	1,998	96	1,282	93	15,009	94	47	84	1,629	67	1,274	71	16,439	
		Total	38	100	2,090	100	1,382	100	15,904	100	56	100	2,441	100	1,805	100	21,307	



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### 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."