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# Northern Michigan University

## NSSE 2018 Major Field Report, Part II

### Comparisons to Other Institutions

## Business

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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 group 'Business' includes the following majors: Accounting; Business administration; Entrepreneurial studies; Finance; Hospitality and tourism; International business; Management; Management information systems; Marketing; Organizational leadership or behavior; Supply chain and operations management; Other business.*

*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: Business.

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

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

### Related-Major Groups

Self-reported first and second (if applicable) majors were identified from the survey. Your institution had the option to customize how these majors were grouped, using up to ten related-major groups. Institutions choosing not to customize their major categories receive NSSE's ten default groups. 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. Report Sample (if applicable) respondents are also excluded.

### Class

Results are presented separately by institution-reported class level. Keep in mind that majors are student-reported. First-year students may report *intended* majors that have not yet been *declared*. Also, much of the first-year experience may take place outside of the major field. For these reasons, first-year results should be interpreted with caution.

### Technical Requirements

Related-major groups with fewer than 5 respondents in a given class are not reported (columns are blank). Groups containing at least 5 respondents, but fewer than 20, are reported in frequency distributions only. Comparison groups must contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement for all other statistics (Engagement Indicators, means, etc.), keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, *Major Field Report* results are unweighted.

**Report Sections** (Those marked with an asterisk are included if at least one related-major group includes 20 or more respondents.)

Engagement Indicators*	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes. See your <i>Engagement Indicators</i> report for more details.
High-Impact Practices*	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*	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	Response frequencies for all demographic questions for your institution and your three core comparison groups.

### Engagement Indicators: Overview

Engagement Indicators are summary measures based on sets of NSSE questions examining key dimensions of student engagement. The ten indicators are organized within four themes: Academic Challenge, Learning with Peers, Experiences with Faculty, and Campus Environment. The tables below compare average scores<sup>a</sup> for your students in this related-major category with students in your comparison groups within the same category.

Use the following key:

- ▲ **Your students' average** was significantly higher ( $p < .05$ ) with an effect size at least .3 in magnitude.
- ▲ **Your students' average** was significantly higher ( $p < .05$ ) with an effect size less than .3 in magnitude.
- No significant difference.
- ▼ **Your students' average** was significantly lower ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▼ **Your students' average** was significantly lower ( $p < .05$ ) with an effect size at least .3 in magnitude.

		First-Year Students in Business			Seniors in Business		
Theme	Engagement Indicator	Your first-year students compared with State Peers	Your first-year students compared with State and Regional	Your first-year students compared with Crngie Size/Setting	Your seniors compared with State Peers	Your seniors compared with State and Regional	Your seniors compared with Crngie Size/Setting
<b>Academic Challenge</b>	<b>Higher-Order Learning</b>				--	--	--
	<b>Reflective &amp; Integrative Learning</b>				--	--	--
	<b>Learning Strategies</b>				--	--	--
	<b>Quantitative Reasoning</b>				--	--	--
<b>Learning with Peers</b>	<b>Collaborative Learning</b>				--	--	--
	<b>Discussions with Diverse Others</b>				--	--	--
<b>Experiences with Faculty</b>	<b>Student-Faculty Interaction</b>				--	--	--
	<b>Effective Teaching Practices</b>				--	--	--
<b>Campus Environment</b>	<b>Quality of Interactions</b>				▼	▼	--
	<b>Supportive Environment</b>				--	▼	▼

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

	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 = 48)	36.3	14.0	2.02	15	30	40	45	60				
State Peers	36.2	12.9	.51	15	30	35	45	60	694	.0		.003
State and Regional	38.4	13.2	.46	20	30	40	45	60	872	-2.1		-.159
Crngie Size/Setting	38.7	13.3	.18	20	30	40	50	60	5,725	-2.4		-.181
<b>Reflective &amp; Integrative Learning</b>												
NMU (N = 50)	35.5	11.6	1.64	14	29	34	43	57				
State Peers	35.8	12.1	.47	17	26	34	46	57	701	-.3		-.023
State and Regional	36.7	11.7	.41	20	29	37	43	57	881	-1.2		-.102
Crngie Size/Setting	36.9	11.9	.16	17	29	37	46	60	5,776	-1.4		-.117
<b>Learning Strategies</b>												
NMU (N = 50)	34.8	14.8	2.10	7	27	33	47	60				
State Peers	36.6	14.6	.57	13	27	40	47	60	697	-1.8		-.125
State and Regional	36.4	14.2	.49	13	27	33	47	60	874	-1.6		-.113
Crngie Size/Setting	37.2	14.2	.19	13	27	40	47	60	5,724	-2.4		-.172
<b>Quantitative Reasoning</b>												
NMU (N = 50)	30.9	17.0	2.40	0	20	27	40	60				
State Peers	30.8	15.6	.61	7	20	27	40	60	691	.2		.010
State and Regional	30.5	14.6	.51	7	20	27	40	60	875	.5		.032
Crngie Size/Setting	31.5	15.1	.20	7	20	33	40	60	5,709	-.5		-.035
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
NMU (N = 50)	34.2	12.8	1.81	10	25	35	40	50				
State Peers	35.2	12.9	.51	15	25	35	45	60	696	-1.0		-.077
State and Regional	33.1	13.2	.46	10	25	35	40	55	880	1.1		.085
Crngie Size/Setting	33.3	14.1	.19	10	25	35	45	60	5,736	.9		.067
<b>Discussions with Diverse Others</b>												
NMU (N = 50)	35.7	14.6	2.07	15	20	35	50	60				
State Peers	39.6	15.4	.60	15	30	40	55	60	697	-3.9		-.257
State and Regional	38.3	15.4	.54	15	25	40	50	60	872	-2.6		-.169
Crngie Size/Setting	39.1	15.9	.21	15	25	40	55	60	5,720	-3.4		-.215

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

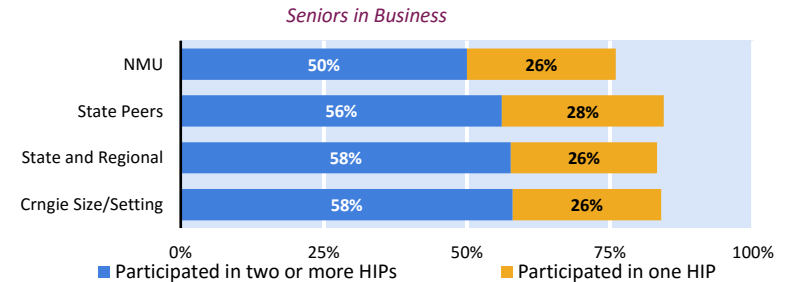
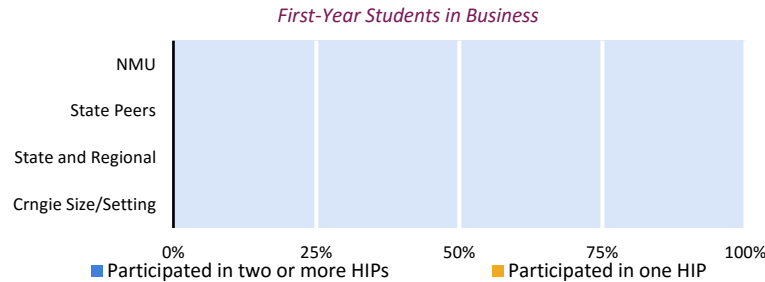
## Engagement Indicators: Business Northern Michigan University

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

	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 = 50)	22.9	17.5	2.48	0	10	20	35	55				
State Peers	23.4	16.0	.63	0	10	20	35	55	696	-.5		-.034
State and Regional	22.6	16.3	.57	0	10	20	35	55	874	.3		.017
Crngie Size/Setting	23.9	16.0	.21	0	10	20	35	55	5,710	-1.0		-.061
<b>Effective Teaching Practices</b>												
NMU (N = 50)	40.0	12.3	1.74	24	32	40	48	60				
State Peers	37.6	13.3	.52	16	28	36	48	60	703	2.5		.185
State and Regional	39.0	13.0	.45	16	32	40	48	60	882	1.0		.081
Crngie Size/Setting	38.9	13.4	.18	16	28	40	48	60	5,775	1.1		.085
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
NMU (N = 48)	38.7	11.2	1.61	20	32	39	48	60				
State Peers	42.3	11.6	.47	22	35	42	50	60	663	-3.6	*	-.311
State and Regional	42.7	11.7	.41	22	36	44	50	60	838	-4.0	*	-.343
Crngie Size/Setting	42.1	12.1	.16	20	34	44	50	60	5,480	-3.4		-.282
<b>Supportive Environment</b>												
NMU (N = 50)	28.1	12.6	1.78	8	20	28	38	50				
State Peers	31.0	13.9	.55	10	20	30	40	57	695	-2.9		-.208
State and Regional	32.0	13.5	.47	10	23	31	40	58	877	-3.9	*	-.292
Crngie Size/Setting	32.2	13.9	.18	10	23	33	40	58	5,744	-4.1	*	-.296

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

The figures below display the percentage of students who participated in High-Impact Practices. Both figures include participation in service-learning, a learning community, and research with faculty. The senior figure also includes participation in an internship or field experience, study abroad, and culminating senior experience. The first segment in each bar shows the percentage who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.



### Statistical Comparisons

The table below displays the percentage of your students who participated in a given High-Impact Practice, including the percentage who participated overall (at least one, two or more). It also graphs the difference, in percentage points, between your students and those of your comparison groups. Blue bars indicate how much higher your institution's percentage is compared to the comparison group. Dark red bars indicate how much lower your institution's percentage is compared to the comparison group.

	<i>Your students' participation compared with:</i>							
	NMU	State Peers		State and Regional		Crngie Size/Setting		
	%	Difference <sup>i</sup>		Difference <sup>i</sup>		Difference <sup>i</sup>		
			ES <sup>j</sup>		ES <sup>j</sup>		ES <sup>j</sup>	
<i>First-Year Students in Business</i>								
12. Service-Learning								
11c. Learning Community								
11e. Research with Faculty								
<b>Participated in at least one</b>								
<b>Participated in two or more</b>								
<i>Seniors in Business</i>								
12. Service-Learning	58	+6	.12	-0	-.01	-2	-.03	
11c. Learning Community	29	+5	.11	+11	.25	+7	.17	
11e. Research with Faculty	6	-7	-.24	-6	-.22	-7	-.23	
11a. Internship or Field Exp.	30	-21	** -.43	-22	** -.44	-17	* -.36	
11d. Study Abroad	6	-7	-.24	-7	-.25	-10	-.33	
11f. Culminating Senior Exp.	38	-7	-.15	-5	-.10	-8	-.16	
<b>Participated in at least one</b>	76	-8	-.21	-7	-.18	-8	-.20	
<b>Participated in two or more</b>	50	-6	-.12	-8	-.15	-8	-.16	

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with				
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>		Effect size <sup>n</sup>		
														Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																		
a. Asked questions or contributed to course discussions in other ways	askquest	1 2 3 4	Never Sometimes Often Very often	0 6 12 0	0 33 67 0	5 108 101 74	2 38 35 26	14 182 209 123	3 34 40 23	85 1,338 1,517 1,035	2 34 38 26							
		Total		18	100	288	100	528	100	3,975	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 2 3 4	Never Sometimes Often Very often	1 7 7 3	6 39 39 17	39 95 98 54	14 33 34 19	69 193 167 98	13 37 32 19	596 1,441 1,182 751	15 36 30 19							
		Total		18	100	286	100	527	100	3,970	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1 2 3 4	Very often Often Sometimes Never	0 2 10 6	0 11 56 33	12 42 162 71	4 15 56 25	28 66 298 134	5 13 57 25	170 421 2,215 1,166	4 11 56 29							
		Total		18	100	287	100	526	100	3,972	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1 2 3 4	Never Sometimes Often Very often	11 4 3 0	61 22 17 0	103 112 58 16	36 39 20 6	226 198 70 33	43 38 13 6	1,478 1,599 610 290	37 40 15 7							
		Total		18	100	289	100	527	100	3,977	100							
e. Asked another student to help you understand course material	CLaskhelp	1 2 3 4	Never Sometimes Often Very often	2 8 5 3	11 44 28 17	21 105 129 34	7 36 45 12	45 198 213 73	9 37 40 14	302 1,517 1,503 655	8 38 38 16							
		Total		18	100	289	100	529	100	3,977	100							
f. Explained course material to one or more students	CLexplain	1 2 3 4	Never Sometimes Often Very often	1 5 8 4	6 28 44 22	6 92 144 47	2 32 50 16	26 199 217 86	5 38 41 16	168 1,443 1,687 681	4 36 42 17							
		Total		18	100	289	100	528	100	3,979	100							

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>					
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with			
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>		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	11	44	15	101	19	505	13						
		2	Sometimes	7	39	117	41	209	40	1,392	35						
		3	Often	8	44	99	34	152	29	1,385	35						
		4	Very often	1	6	28	10	66	13	698	18						
		Total		18	100	288	100	528	100	3,980	100						
h. Worked with other students on course projects or assignments	CLproject	1	Never	1	6	11	4	42	8	198	5						
		2	Sometimes	7	39	106	37	205	39	1,410	36						
		3	Often	8	44	120	42	204	39	1,621	41						
		4	Very often	2	11	50	17	75	14	742	19						
		Total		18	100	287	100	526	100	3,971	100						
i. Given a course presentation	present	1	Never	5	28	33	11	82	16	496	12						
		2	Sometimes	8	44	101	35	229	43	1,618	41						
		3	Often	4	22	92	32	139	26	1,272	32						
		4	Very often	1	6	63	22	77	15	590	15						
		Total		18	100	289	100	527	100	3,976	100						
<b>2. During the current school year, about how often have you done the following?</b>																	
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	0	0	22	8	40	8	300	8						
		2	Sometimes	7	39	119	41	218	41	1,620	41						
		3	Often	9	50	104	36	190	36	1,482	37						
		4	Very often	2	11	44	15	79	15	562	14						
		Total		18	100	289	100	527	100	3,964	100						
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	0	0	20	7	49	9	318	8						
		2	Sometimes	8	44	134	47	203	38	1,548	39						
		3	Often	7	39	102	35	201	38	1,531	39						
		4	Very often	3	17	32	11	75	14	567	14						
		Total		18	100	288	100	528	100	3,964	100						
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	4	22	44	15	69	13	353	9						
		2	Sometimes	6	33	125	43	208	39	1,592	40						
		3	Often	6	33	90	31	179	34	1,390	35						
		4	Very often	2	11	29	10	71	13	633	16						
		Total		18	100	288	100	527	100	3,968	100						

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with				
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>		Effect size <sup>n</sup>		
														Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	2	11	8	3	28	5	181	5							
		2	Sometimes	6	33	92	32	177	34	1,278	32							
		3	Often	8	44	140	49	240	46	1,838	46							
		4	Very often	2	11	47	16	79	15	672	17							
		Total		18	100	287	100	524	100	3,969	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	1	6	11	4	20	4	113	3							
		2	Sometimes	6	33	82	29	165	31	1,147	29							
		3	Often	10	56	140	49	240	46	1,861	47							
		4	Very often	1	6	54	19	101	19	839	21							
		Total		18	100	287	100	526	100	3,960	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	11	4	14	3	126	3							
		2	Sometimes	4	22	92	32	166	32	1,224	31							
		3	Often	9	50	144	50	250	48	1,823	46							
		4	Very often	5	28	40	14	95	18	781	20							
		Total		18	100	287	100	525	100	3,954	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	3	1	7	1	45	1							
		2	Sometimes	3	17	72	25	136	26	945	24							
		3	Often	11	61	139	48	248	47	2,003	51							
		4	Very often	4	22	73	25	133	25	962	24							
		Total		18	100	287	100	524	100	3,955	100							
<b>3. During the current school year, about how often have you done the following?</b>																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	3	17	45	16	117	22	789	20							
		2	Sometimes	9	50	112	39	206	39	1,648	42							
		3	Often	5	28	90	31	138	26	1,025	26							
		4	Very often	1	6	40	14	66	13	493	12							
		Total		18	100	287	100	527	100	3,955	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	7	39	112	39	266	51	1,721	43							
		2	Sometimes	9	50	112	39	147	28	1,321	33							
		3	Often	2	11	44	15	74	14	644	16							
		4	Very often	0	0	19	7	38	7	271	7							
		Total		18	100	287	100	525	100	3,957	100							

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with				
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>		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	9	50	75	26	162	31	1,172	30							
		2	Sometimes	6	33	131	46	218	41	1,692	43							
		3	Often	3	17	63	22	110	21	809	20							
		4	Very often	0	0	17	6	36	7	280	7							
		Total		18	100	286	100	526	100	3,953	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	7	39	69	24	154	29	817	21							
		2	Sometimes	9	50	121	42	215	41	1,824	46							
		3	Often	2	11	77	27	114	22	959	24							
		4	Very often	0	0	20	7	44	8	353	9							
		Total		18	100	287	100	527	100	3,953	100							
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																		
a. Memorizing course material	memorize	1	Very little	0	0	9	3	15	3	129	3							
		2	Some	4	22	57	20	140	27	1,038	26							
		3	Quite a bit	8	44	156	54	249	47	1,913	48							
		4	Very much	6	33	66	23	122	23	877	22							
		Total		18	100	288	100	526	100	3,957	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	1	6	11	4	15	3	138	3							
		2	Some	5	28	71	25	153	29	1,057	27							
		3	Quite a bit	11	61	155	54	268	51	1,982	50							
		4	Very much	1	6	50	17	90	17	774	20							
		Total		18	100	287	100	526	100	3,951	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	1	6	10	3	21	4	144	4							
		2	Some	4	22	87	30	153	29	1,087	27							
		3	Quite a bit	11	61	131	46	249	47	1,862	47							
		4	Very much	2	11	59	21	104	20	865	22							
		Total		18	100	287	100	527	100	3,958	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	0	0	14	5	15	3	130	3							
		2	Some	5	28	82	29	153	29	1,053	27							
		3	Quite a bit	11	61	132	46	255	48	1,890	48							
		4	Very much	2	11	59	21	103	20	878	22							
		Total		18	100	287	100	526	100	3,951	100							

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with				
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>		Effect size <sup>n</sup>		
														Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
c. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	6	10	3	23	4	170	4							
		2	Some	7	39	99	34	172	33	1,105	28							
		3	Quite a bit	9	50	128	45	231	44	1,875	47							
		4	Very much	1	6	50	17	100	19	809	20							
		Total		18	100	287	100	526	100	3,959	100							
<b>5. During the current school year, to what extent have your instructors done the following?</b>																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	0	0	8	3	7	1	74	2							
		2	Some	3	17	59	20	113	21	831	21							
		3	Quite a bit	9	50	141	49	259	49	1,890	48							
		4	Very much	6	33	80	28	149	28	1,166	29							
		Total		18	100	288	100	528	100	3,961	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	1	6	9	3	17	3	114	3							
		2	Some	2	11	72	25	112	21	966	24							
		3	Quite a bit	10	56	127	44	247	47	1,843	47							
		4	Very much	5	28	79	28	149	28	1,036	26							
		Total		18	100	287	100	525	100	3,959	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	6	15	5	21	4	139	4							
		2	Some	2	11	67	23	112	21	966	24							
		3	Quite a bit	9	50	125	44	237	45	1,770	45							
		4	Very much	6	33	79	28	155	30	1,087	27							
		Total		18	100	286	100	525	100	3,962	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	1	6	19	7	28	5	231	6							
		2	Some	4	22	81	28	165	31	1,147	29							
		3	Quite a bit	9	50	109	38	202	38	1,583	40							
		4	Very much	4	22	79	27	132	25	1,001	25							
		Total		18	100	288	100	527	100	3,962	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	1	6	26	9	49	9	311	8							
		2	Some	7	39	85	30	150	29	1,278	32							
		3	Quite a bit	7	39	112	39	214	41	1,575	40							
		4	Very much	3	17	64	22	112	21	793	20							
		Total		18	100	287	100	525	100	3,957	100							

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## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with					
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>		Mean	Effect size <sup>n</sup>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	1	6	15	5	44	8	314	8								
		2	Sometimes	6	33	99	35	196	37	1,508	38								
		3	Often	7	39	123	43	204	39	1,565	40								
		4	Very often	4	22	48	17	80	15	565	14								
			Total	18	100	285	100	524	100	3,952	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	4	22	38	13	86	16	610	15								
		2	Sometimes	6	33	117	41	204	39	1,568	40								
		3	Often	4	22	98	34	175	33	1,309	33								
		4	Very often	4	22	33	12	58	11	462	12								
			Total	18	100	286	100	523	100	3,949	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	4	22	43	15	90	17	620	16								
		2	Sometimes	7	39	124	43	222	42	1,655	42								
		3	Often	6	33	88	31	169	32	1,292	33								
		4	Very often	1	6	32	11	46	9	375	10								
			Total	18	100	287	100	527	100	3,942	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum	0	None	3	17	5	2	29	5	200	5								
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	6	33	52	18	118	22	700	18								
		4	3-5	1	6	99	34	168	32	1,308	33								
		8	6-10	2	11	60	21	120	23	969	24								
		13	11-15	3	17	37	13	52	10	439	11								
		18	16-20	2	11	14	5	22	4	182	5								
		23	More than 20	1	6	21	7	20	4	162	4								
			Total	18	100	288	100	529	100	3,960	100								
b. Between 6 and 10 pages	wrmednum	0	None	10	56	72	25	198	38	1,323	34								
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	5	28	128	44	231	44	1,590	40								
		4	3-5	2	11	61	21	70	13	652	17								
		8	6-10	0	0	24	8	22	4	267	7								
		13	11-15	0	0	2	1	4	1	83	2								
		18	16-20	0	0	1	0	2	0	14	0								
		23	More than 20	1	6	0	0	1	0	12	0								
			Total	18	100	288	100	528	100	3,941	100								

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>								
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting		
												Your first-year students compared with								
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. 11 pages or more	wrlongnum	0	None	15	83	199	69	427	81	2,987	75									
		(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	2	11	62	22	76	14	673									17
			4	3-5	0	0	22	8	13	2	132									3
			8	6-10	0	0	1	0	9	2	90									2
			13	11-15	0	0	3	1	0	0	56									1
			18	16-20	0	0	1	0	1	0	8									0
			23	More than 20	1	6	0	0	2	0	12									0
Total				18	100	288	100	528	100	3,958	100									
Estimated number of assigned pages of student writing.																				
												(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)								
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																				
a. People of a race or ethnicity other than your own	DDrace	1	Never	1	6	7	2	35	7	220	6									
		2	Sometimes	9	50	75	26	178	34	1,090	27									
		3	Often	6	33	102	35	170	32	1,290	33									
		4	Very often	2	11	104	36	145	27	1,364	34									
		Total		18	100	288	100	528	100	3,964	100									
b. People from an economic background other than your own	DDeconomic	1	Never	1	6	6	2	28	5	187	5									
		2	Sometimes	5	28	67	23	153	29	960	24									
		3	Often	8	44	116	40	211	40	1,527	39									
		4	Very often	4	22	99	34	137	26	1,286	32									
		Total		18	100	288	100	529	100	3,960	100									
c. People with religious beliefs other than your own	DDreligion	1	Never	1	6	10	3	42	8	276	7									
		2	Sometimes	4	22	84	29	164	31	1,137	29									
		3	Often	8	44	112	39	189	36	1,320	33									
		4	Very often	5	28	82	28	133	25	1,222	31									
		Total		18	100	288	100	528	100	3,955	100									
d. People with political views other than your own	DDpolitical	1	Never	0	0	10	3	30	6	252	6									
		2	Sometimes	5	28	68	24	137	26	1,106	28									
		3	Often	9	50	109	38	192	36	1,337	34									
		4	Very often	4	22	100	35	168	32	1,259	32									
		Total		18	100	287	100	527	100	3,954	100									

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with				
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>		Effect size <sup>n</sup>		
														Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	LSreading	1	Never	0	0	4	1	12	2	76	2							
		2	Sometimes	3	17	59	21	131	25	886	22							
		3	Often	12	67	145	51	246	47	1,967	50							
		4	Very often	3	17	78	27	139	26	1,025	26							
		Total		18	100	286	100	528	100	3,954	100							
b. Reviewed your notes after class	LSnotes	1	Never	0	0	14	5	32	6	188	5							
		2	Sometimes	3	17	90	31	161	31	1,117	28							
		3	Often	9	50	97	34	196	37	1,556	39							
		4	Very often	6	33	87	30	138	26	1,101	28							
		Total		18	100	288	100	527	100	3,962	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	0	0	12	4	36	7	204	5							
		2	Sometimes	4	22	87	31	164	31	1,232	31							
		3	Often	11	61	121	43	219	42	1,649	42							
		4	Very often	3	17	64	23	105	20	870	22							
		Total		18	100	284	100	524	100	3,955	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																		
challenge		1	Not at all	0	0	0	0	5	1	33	1							
		2		0	0	5	2	4	1	65	2							
		3		1	6	17	6	30	6	222	6							
		4		1	6	44	15	78	15	566	14							
		5		6	33	103	36	171	33	1,349	34							
		6		8	44	74	26	144	27	928	23							
		7	Very much	2	11	43	15	93	18	789	20							
		Total		18	100	286	100	525	100	3,952	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>o</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		2	11	17	6	61	12	453	11							
		Do not plan to do		1	6	16	6	33	6	249	6							
		Plan to do		13	72	226	78	406	77	3,021	76							
		Done or in progress		2	11	29	10	27	5	237	6							
		Total		18	100	288	100	527	100	3,960	100							

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

			Frequency Distributions								Statistical Comparisons <sup>k</sup>							
			NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
											Mean		Effect size <sup>n</sup>		Effect size <sup>n</sup>		Effect size <sup>n</sup>	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
b. Hold a formal leadership role in a student organization or group	leader	Have not decided	6	33	58	20	179	34	949	24								
		Do not plan to do	4	22	52	18	110	21	772	20								
		Plan to do	7	39	130	45	180	34	1,773	45								
		Done or in progress	1	6	48	17	59	11	458	12								
		Total	18	100	288	100	528	100	3,952	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	Have not decided	11	61	80	28	196	37	1,184	30								
		Do not plan to do	1	6	77	27	161	30	1,022	26								
		Plan to do	5	28	99	35	134	25	1,292	33								
		Done or in progress	1	6	30	10	38	7	447	11								
		Total	18	100	286	100	529	100	3,945	100								
d. Participate in a study abroad program	abroad	Have not decided	8	44	71	25	154	29	944	24								
		Do not plan to do	3	17	87	30	166	31	1,020	26								
		Plan to do	7	39	119	41	199	38	1,849	47								
		Done or in progress	0	0	10	3	10	2	138	3								
		Total	18	100	287	100	529	100	3,951	100								
e. Work with a faculty member on a research project	research	Have not decided	8	44	103	36	219	41	1,500	38								
		Do not plan to do	6	33	90	31	173	33	1,177	30								
		Plan to do	4	22	84	29	118	22	1,131	29								
		Done or in progress	0	0	10	3	19	4	137	3								
		Total	18	100	287	100	529	100	3,945	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	Have not decided	6	33	97	34	239	45	1,387	35								
		Do not plan to do	1	6	33	11	68	13	514	13								
		Plan to do	11	61	155	54	216	41	1,960	50								
		Done or in progress	0	0	3	1	5	1	85	2								
		Total	18	100	288	100	528	100	3,946	100								

#### 12. About how many of your courses at this institution have included a community-based project (service-learning)?

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>
	servcourse	1 None	11	61	136	48	260	49	1,794	45		
		2 Some	6	33	119	42	228	43	1,755	45		
		3 Most	1	6	25	9	34	6	319	8		
		4 All	0	0	6	2	7	1	75	2		
		Total	18	100	286	100	529	100	3,943	100		

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				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with				
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>		Effect size <sup>n</sup>		
														Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																		
a. Students	QIstudent	1	Poor	0	0	4	1	8	2	61	2							
		2		0	0	5	2	9	2	82	2							
		3		0	0	15	5	35	7	232	6							
		4		6	33	39	14	64	12	538	14							
		5		10	56	88	31	138	26	1,097	28							
		6		1	6	81	28	143	27	973	25							
		7	Excellent	1	6	56	19	130	25	937	24							
		—	Not applicable	0	0	0	0	1	0	32	1							
			Total	18	100	288	100	528	100	3,952	100							
b. Academic advisors	QIadvisor	1	Poor	0	0	7	2	20	4	158	4							
		2		0	0	11	4	29	6	171	4							
		3		1	6	19	7	45	9	362	9							
		4		0	0	41	14	67	13	552	14							
		5		6	33	55	19	109	21	805	20							
		6		6	33	64	22	110	21	829	21							
		7	Excellent	5	28	84	29	133	25	1,014	26							
		—	Not applicable	0	0	6	2	14	3	63	2							
			Total	18	100	287	100	527	100	3,954	100							
c. Faculty	QIfaculty	1	Poor	0	0	4	1	9	2	79	2							
		2		0	0	11	4	17	3	116	3							
		3		1	6	21	7	37	7	280	7							
		4		3	17	52	18	79	15	609	15							
		5		6	33	74	26	126	24	1,063	27							
		6		6	33	71	25	146	28	969	25							
		7	Excellent	2	11	53	19	106	20	790	20							
		—	Not applicable	0	0	0	0	5	1	41	1							
			Total	18	100	286	100	525	100	3,947	100							

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

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### Northern Michigan University

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				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with				
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>		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	6	11	4	22	4	171	4							
		2		0	0	12	4	25	5	169	4							
		3		0	0	23	8	43	8	336	8							
		4		6	33	37	13	66	13	550	14							
		5		5	28	63	22	113	21	911	23							
		6		3	17	54	19	111	21	800	20							
		7	Excellent	0	0	62	22	97	18	766	19							
		—	Not applicable	3	17	25	9	51	10	253	6							
	Total	18	100	287	100	528	100	3,956	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	0	0	10	3	18	3	157	4							
		2		0	0	13	5	29	6	200	5							
		3		0	0	23	8	45	9	354	9							
		4		3	17	47	16	67	13	579	15							
		5		9	50	65	23	108	20	871	22							
		6		5	28	55	19	119	23	797	20							
		7	Excellent	1	6	59	20	106	20	800	20							
		—	Not applicable	0	0	16	6	35	7	202	5							
	Total	18	100	288	100	527	100	3,960	100									
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	0	0	5	2	6	1	78	2							
		2	Some	1	6	50	17	81	15	847	21							
		3	Quite a bit	9	50	157	55	291	55	1,980	50							
		4	Very much	8	44	74	26	150	28	1,050	27							
			Total	18	100	286	100	528	100	3,955	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	6	7	2	17	3	145	4							
		2	Some	2	11	69	24	113	21	915	23							
		3	Quite a bit	10	56	130	45	256	48	1,734	44							
		4	Very much	5	28	81	28	142	27	1,150	29							
			Total	18	100	287	100	528	100	3,944	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	1	6	20	7	24	5	222	6							
		2	Some	2	11	46	16	86	16	787	20							
		3	Quite a bit	5	28	118	41	230	44	1,581	40							
		4	Very much	10	56	102	36	188	36	1,358	34							
			Total	18	100	286	100	528	100	3,948	100							

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>					
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with			
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>		Effect size <sup>n</sup>	
														Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	2	11	22	8	50	10	429	11						
		2	Some	5	28	97	34	174	33	1,162	29						
		3	Quite a bit	6	33	111	39	179	34	1,430	36						
		4	Very much	5	28	57	20	121	23	922	23						
		Total		18	100	287	100	524	100	3,943	100						
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	6	12	4	27	5	207	5						
		2	Some	3	17	60	21	131	25	985	25						
		3	Quite a bit	9	50	131	46	222	42	1,626	41						
		4	Very much	5	28	82	29	146	28	1,121	28						
		Total		18	100	285	100	526	100	3,939	100						
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	0	0	20	7	41	8	267	7						
		2	Some	5	28	74	26	134	26	976	25						
		3	Quite a bit	7	39	112	39	212	40	1,613	41						
		4	Very much	6	33	80	28	137	26	1,082	27						
		Total		18	100	286	100	524	100	3,938	100						
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	6	33	66	23	101	19	818	21						
		2	Some	5	28	108	38	191	36	1,384	35						
		3	Quite a bit	5	28	78	27	160	30	1,204	31						
		4	Very much	2	11	33	12	74	14	541	14						
		Total		18	100	285	100	526	100	3,947	100						
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	1	6	18	6	54	10	343	9						
		2	Some	7	39	99	35	167	32	1,041	26						
		3	Quite a bit	5	28	106	37	183	35	1,611	41						
		4	Very much	5	28	62	22	123	23	948	24						
		Total		18	100	285	100	527	100	3,943	100						
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	3	17	38	13	76	14	509	13						
		2	Some	6	33	107	38	190	36	1,337	34						
		3	Quite a bit	4	22	100	35	176	33	1,422	36						
		4	Very much	5	28	40	14	85	16	679	17						
		Total		18	100	285	100	527	100	3,947	100						

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
												Mean		Mean		Mean		Mean	
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>	
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	0	0	0	0	17	0								
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	6	29	10	64	12	533	14								
		8	6-10 hrs	4	22	69	24	155	29	1,007	26								
		13	11-15 hrs	1	6	68	24	140	27	956	24								
		18	16-20 hrs	9	50	64	22	89	17	733	19								
		23	21-25 hrs	2	11	29	10	51	10	395	10								
		28	26-30 hrs	0	0	18	6	14	3	160	4								
		33	More than 30 hrs	1	6	8	3	15	3	144	4								
	Total			18	100	285	100	528	100	3,945	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	5	28	71	25	158	30	1,035	26								
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	44	104	37	197	38	1,247	32								
		8	6-10 hrs	4	22	44	16	70	13	666	17								
		13	11-15 hrs	0	0	25	9	44	8	436	11								
		18	16-20 hrs	0	0	28	10	28	5	275	7								
		23	21-25 hrs	0	0	6	2	13	2	159	4								
		28	26-30 hrs	0	0	3	1	5	1	46	1								
		33	More than 30 hrs	1	6	2	1	8	2	73	2								
	Total			18	100	283	100	523	100	3,937	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	11	61	224	79	421	80	3,076	78								
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	6	10	4	18	3	169	4								
		8	6-10 hrs	1	6	13	5	26	5	265	7								
		13	11-15 hrs	3	17	18	6	33	6	206	5								
		18	16-20 hrs	2	11	14	5	16	3	144	4								
		23	21-25 hrs	0	0	4	1	7	1	57	1								
		28	26-30 hrs	0	0	0	0	2	0	9	0								
		33	More than 30 hrs	0	0	2	1	2	0	22	1								
	Total			18	100	285	100	525	100	3,948	100								

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>					
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with			
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>		Effect size <sup>n</sup>	
														Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	11	61	190	66	282	53	2,542	64						
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	9	3	28	5	183	5						
	8	6-10 hrs	2	11	14	5	40	8	213	5							
	13	11-15 hrs	1	6	22	8	41	8	258	7							
	18	16-20 hrs	1	6	17	6	40	8	258	7							
	23	21-25 hrs	0	0	12	4	31	6	193	5							
	28	26-30 hrs	1	6	10	3	24	5	106	3							
	33	More than 30 hrs	2	11	13	5	42	8	197	5							
	Total		18	100	287	100	528	100	3,950	100							
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)														
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	14	82	152	53	329	62	2,205	56						
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	12	97	34	140	27	1,206	31						
	8	6-10 hrs	1	6	18	6	28	5	244	6							
	13	11-15 hrs	0	0	8	3	12	2	120	3							
	18	16-20 hrs	0	0	5	2	6	1	82	2							
	23	21-25 hrs	0	0	4	1	6	1	53	1							
	28	26-30 hrs	0	0	0	0	2	0	18	0							
	33	More than 30 hrs	0	0	2	1	4	1	18	0							
	Total		17	100	286	100	527	100	3,946	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	6	3	1	5	1	58	1						
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	6	44	15	97	18	756	19						
	8	6-10 hrs	6	33	76	26	158	30	1,045	26							
	13	11-15 hrs	2	11	57	20	99	19	850	22							
	18	16-20 hrs	2	11	48	17	77	15	591	15							
	23	21-25 hrs	1	6	28	10	35	7	282	7							
	28	26-30 hrs	3	17	5	2	16	3	98	2							
	33	More than 30 hrs	2	11	26	9	40	8	268	7							
	Total		18	100	287	100	527	100	3,948	100							

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
												Mean		Mean		Mean		Mean	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%			Effect size <sup>n</sup>			Effect size <sup>n</sup>		
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	17	94	216	76	400	76	2,981	76								
		3	1-5 hrs	1	6	39	14	59	11	401	10								
		8	6-10 hrs	0	0	11	4	18	3	178	5								
		13	11-15 hrs	0	0	11	4	15	3	128	3								
		18	16-20 hrs	0	0	6	2	6	1	83	2								
		23	21-25 hrs	0	0	2	1	11	2	43	1								
		28	26-30 hrs	0	0	0	0	6	1	19	0								
		33	More than 30 hrs	0	0	1	0	13	2	109	3								
		Total			18	100	286	100	528	100	3,942	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	7	39	99	34	199	38	1,858	47								
		3	1-5 hrs	6	33	114	40	207	39	1,253	32								
		8	6-10 hrs	2	11	43	15	70	13	406	10								
		13	11-15 hrs	2	11	18	6	22	4	187	5								
		18	16-20 hrs	0	0	3	1	11	2	108	3								
		23	21-25 hrs	0	0	6	2	8	2	62	2								
		28	26-30 hrs	0	0	1	0	1	0	18	0								
		33	More than 30 hrs	1	6	3	1	9	2	60	2								
		Total			18	100	287	100	527	100	3,952	100							
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
	reading	1	Very little	3	17	36	13	48	9	409	10								
		2	Some	8	44	126	44	181	34	1,315	33								
		3	About half	4	22	77	27	177	34	1,232	31								
		4	Most	2	11	35	12	92	17	775	20								
		5	Almost all	1	6	12	4	29	6	211	5								
			Total	18	100	286	100	527	100	3,942	100								
	tmreadinghrs																		
				<p><i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i></p>															

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>		
	tmreadinghrscol	1	0 hrs	0	0	0	0	0	0	17	0								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	12	67	165	58	301	57	2,017	51								
		3	More than 5, up to 10 hrs	4	22	79	28	134	25	1,170	30								
		4	More than 10, up to 15 hrs	0	0	24	8	49	9	399	10								
		5	More than 15, up to 20 hrs	1	6	5	2	27	5	181	5								
		6	More than 20, up to 25 hrs	0	0	9	3	8	2	99	3								
		7	More than 25 hrs	1	6	2	1	7	1	40	1								
		Total			18	100	284	100	526	100	3,923	100							

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

a. Writing clearly and effectively	pgwrite	1	Very little	0	0	17	6	29	6	198	5						
		2	Some	8	44	70	24	149	28	1,012	26						
		3	Quite a bit	5	28	134	47	231	44	1,856	47						
		4	Very much	5	28	65	23	118	22	880	22						
		Total			18	100	286	100	527	100	3,946	100					
b. Speaking clearly and effectively	pgspeak	1	Very little	3	17	13	5	42	8	311	8						
		2	Some	3	17	95	33	155	29	1,131	29						
		3	Quite a bit	8	44	120	42	217	41	1,664	42						
		4	Very much	4	22	58	20	114	22	848	21						
		Total			18	100	286	100	528	100	3,954	100					
c. Thinking critically and analytically	pgthink	1	Very little	0	0	7	2	13	2	136	3						
		2	Some	2	11	71	25	116	22	782	20						
		3	Quite a bit	10	56	132	46	242	46	1,849	47						
		4	Very much	6	33	76	27	157	30	1,184	30						
		Total			18	100	286	100	528	100	3,951	100					
d. Analyzing numerical and statistical information	pganalyze	1	Very little	0	0	19	7	43	8	316	8						
		2	Some	4	22	97	34	157	30	1,172	30						
		3	Quite a bit	9	50	110	39	213	40	1,625	41						
		4	Very much	5	28	59	21	116	22	839	21						
		Total			18	100	285	100	529	100	3,952	100					

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with					
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>	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	2	11	27	9	72	14	374	9								
		2	Some	5	28	84	29	177	34	1,255	32								
		3	Quite a bit	6	33	110	38	164	31	1,464	37								
		4	Very much	5	28	65	23	111	21	849	22								
		Total		18	100	286	100	524	100	3,942	100								
f. Working effectively with others	pgothers	1	Very little	2	11	16	6	36	7	215	5								
		2	Some	4	22	92	32	154	29	1,077	27								
		3	Quite a bit	8	44	102	36	212	40	1,673	42								
		4	Very much	4	22	75	26	124	24	982	25								
		Total		18	100	285	100	526	100	3,947	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	4	22	30	10	58	11	389	10								
		2	Some	5	28	102	36	163	31	1,134	29								
		3	Quite a bit	5	28	106	37	200	38	1,554	39								
		4	Very much	4	22	48	17	108	20	870	22								
		Total		18	100	286	100	529	100	3,947	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	3	17	26	9	58	11	345	9								
		2	Some	6	33	91	32	155	29	1,125	28								
		3	Quite a bit	6	33	99	34	185	35	1,503	38								
		4	Very much	3	17	71	25	131	25	979	25								
		Total		18	100	287	100	529	100	3,952	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	2	11	31	11	58	11	409	10								
		2	Some	4	22	103	36	189	36	1,285	33								
		3	Quite a bit	8	44	104	36	170	32	1,462	37								
		4	Very much	4	22	47	16	110	21	785	20								
		Total		18	100	285	100	527	100	3,941	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	4	22	28	10	61	12	384	10								
		2	Some	4	22	93	33	175	33	1,242	31								
		3	Quite a bit	6	33	109	38	170	32	1,498	38								
		4	Very much	4	22	55	19	120	23	822	21								
		Total		18	100	285	100	526	100	3,946	100								

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

#### First-Year Students<sup>a</sup> in Business

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>					
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your first-year students compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean
<b>18. How would you evaluate your entire educational experience at this institution?</b>																	
	evalexp	1	Poor	1	6	4	1	9	2	97	2						
		2	Fair	1	6	48	17	76	14	595	15						
		3	Good	11	61	142	49	268	51	2,004	51						
		4	Excellent	5	28	93	32	174	33	1,265	32						
		Total		18	100	287	100	527	100	3,961	100						
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																	
	sameinst	1	Definitely no	1	6	9	3	23	4	208	5						
		2	Probably no	3	17	34	12	72	14	606	15						
		3	Probably yes	8	44	128	44	219	41	1,710	43						
		4	Definitely yes	6	33	117	41	215	41	1,438	36						
		Total		18	100	288	100	529	100	3,962	100						
<b>20. Do you intend to return to this institution next year?<sup>f</sup></b>																	
	returnexp		No	3	18	2	2	9	5	138	7						
			Yes	13	76	80	89	149	83	1,795	85						
			Not sure	1	6	8	9	21	12	183	9						
			Total	17	100	90	100	179	100	2,116	100						
			(Means indicate the percentage who responded "Yes." Comparison data are limited to NSSE 2018 participants.)														

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with					
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>		Mean	Effect size <sup>n</sup>	
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	1	2	13	2	19	2	110	2	<b>3.2</b>	3.0	.15	3.0	.15	3.1	.06	
		2	Sometimes	13	26	182	28	244	29	1,447	25								
		3	Often	13	26	232	35	262	31	1,872	33								
		4	Very often	23	46	229	35	309	37	2,295	40								
		Total		50	100	656	100	834	100	5,724	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	16	32	157	24	201	24	1,222	21	<b>2.2</b>	2.3	-.11	2.3	-.13	2.4	-.20	
		2	Sometimes	15	30	238	37	301	36	2,052	36								
		3	Often	13	26	166	25	194	23	1,471	26								
		4	Very often	6	12	91	14	134	16	962	17								
		Total		50	100	652	100	830	100	5,707	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	5	10	44	7	51	6	285	5	<b>2.8</b>	3.0	-.14	3.0	-.14	3.0	-.26	
		2	Often	10	20	104	16	133	16	767	13								
		3	Sometimes	23	46	342	52	450	54	3,057	53								
		4	Never	12	24	162	25	199	24	1,609	28								
		Total		50	100	652	100	833	100	5,718	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	26	52	342	52	447	54	2,774	48	<b>1.8</b>	1.6	.16	1.6	.19	1.7	.07	
		2	Sometimes	11	22	225	34	286	34	2,064	36								
		3	Often	11	22	59	9	65	8	600	10								
		4	Very often	2	4	27	4	35	4	282	5								
		Total		50	100	653	100	833	100	5,720	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	5	10	69	11	99	12	755	13	<b>2.6</b>	2.5	.19	2.4	.22	2.4	.24	
		2	Sometimes	18	36	287	44	369	44	2,495	44								
		3	Often	17	34	218	33	262	31	1,744	30								
		4	Very often	10	20	81	12	105	13	737	13								
		Total		50	100	655	100	835	100	5,731	100								
f. Explained course material to one or more students	CLexplain	1	Never	5	10	20	3	44	5	320	6	<b>2.8</b>	2.8	-.07	2.7	.09	2.7	.04	
		2	Sometimes	14	28	213	33	312	37	2,031	35								
		3	Often	19	38	290	44	337	40	2,269	40								
		4	Very often	12	24	132	20	140	17	1,110	19								
		Total		50	100	655	100	833	100	5,730	100								

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with					
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>		Mean	Effect size <sup>n</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	10	20	110	17	153	18	990	17	2.5	2.5	-.04	.09	2.4	2.5	-.02	
		2	Sometimes	14	28	228	35	334	40	2,006	35								
		3	Often	19	38	198	30	225	27	1,747	30								
		4	Very often	7	14	118	18	122	15	991	17								
		Total		50	100	654	100	834	100	5,734	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	3	6	12	2	29	3	277	5	3.0	3.2 *	-.34	.16	3.1	3.0	-.04	
		2	Sometimes	10	20	96	15	154	18	1,278	22								
		3	Often	22	44	265	40	350	42	2,255	39								
		4	Very often	15	30	282	43	302	36	1,921	34								
		Total		50	100	655	100	835	100	5,731	100								
i. Given a course presentation	present	1	Never	5	10	35	5	50	6	462	8	2.9	3.1	-.21	.07	2.9	2.9	-.07	
		2	Sometimes	12	24	134	20	228	27	1,382	24								
		3	Often	17	34	238	36	278	33	1,878	33								
		4	Very often	16	32	249	38	279	33	2,009	35								
		Total		50	100	656	100	835	100	5,731	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	1	2	11	2	20	2	190	3	2.9	3.0	-.05	.03	3.0	2.9	.00	
		2	Sometimes	14	28	182	28	216	26	1,525	27								
		3	Often	22	44	271	41	370	44	2,437	43								
		4	Very often	13	26	191	29	228	27	1,577	28								
		Total		50	100	655	100	834	100	5,729	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	7	14	36	6	41	5	340	6	2.6	2.7	-.11	.19	2.7	2.7	-.19	
		2	Sometimes	17	34	264	40	301	36	1,989	35								
		3	Often	16	32	233	36	328	39	2,206	38								
		4	Very often	10	20	120	18	164	20	1,196	21								
		Total		50	100	653	100	834	100	5,731	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	11	22	108	16	98	12	613	11	2.3	2.4	-.07	.21	2.5	2.5	-.25	
		2	Sometimes	18	36	278	42	341	41	2,312	40								
		3	Often	15	30	180	27	269	32	1,863	33								
		4	Very often	6	12	89	14	125	15	931	16								
		Total		50	100	655	100	833	100	5,719	100								

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

Item wording or description				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	4	8	40	6	53	6	280	5	2.7	2.7	.03	2.7	.03	2.8	-.07
		2	Sometimes	14	28	234	36	281	34	1,780	31							
		3	Often	24	48	264	40	365	44	2,606	46							
		4	Very often	8	16	114	17	134	16	1,056	18							
		Total		50	100	652	100	833	100	5,722	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	2	4	23	4	20	2	163	3	2.9	2.9	.06	2.9	.00	2.9	-.01
		2	Sometimes	13	26	195	30	227	27	1,495	26							
		3	Often	23	46	290	44	404	49	2,755	48							
		4	Very often	12	24	145	22	181	22	1,308	23							
		Total		50	100	653	100	832	100	5,721	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	15	2	12	1	88	2	2.8	2.9	-.09	2.9	-.14	2.9	-.12
		2	Sometimes	18	36	200	31	245	30	1,694	30							
		3	Often	24	48	295	45	381	46	2,704	47							
		4	Very often	8	16	143	22	192	23	1,226	21							
		Total		50	100	653	100	830	100	5,712	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	4	1	4	0	46	1	3.2	3.1	.13	3.1	.04	3.1	.07
		2	Sometimes	7	14	147	22	145	17	1,008	18							
		3	Often	28	56	306	47	419	50	2,943	52							
		4	Very often	15	30	197	30	265	32	1,714	30							
		Total		50	100	654	100	833	100	5,711	100							
<b>3. During the current school year, about how often have you done the following?</b>																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	16	32	112	17	160	19	1,041	18	2.3	2.4	-.15	2.3	-.04	2.4	-.14
		2	Sometimes	14	28	247	38	349	42	2,169	38							
		3	Often	9	18	185	28	197	24	1,478	26							
		4	Very often	11	22	110	17	124	15	1,034	18							
		Total		50	100	654	100	830	100	5,722	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	25	50	279	43	373	45	2,420	42	1.9	2.0	-.05	1.9	-.03	2.0	-.04
		2	Sometimes	10	20	188	29	229	27	1,722	30							
		3	Often	9	18	115	18	132	16	937	16							
		4	Very often	6	12	71	11	99	12	641	11							
		Total		50	100	653	100	833	100	5,720	100							

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	State Peers	State and Regional	Crngie Size/Setting	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>	
													Mean	Mean	Mean	Mean	Mean	Mean	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	15	30	183	28	242	29	1,613	28	2.1	2.1	-.06	2.1	-.06	2.1	-.07	
		2	Sometimes	20	40	273	42	338	41	2,337	41								
		3	Often	12	24	137	21	170	20	1,177	21								
		4	Very often	3	6	61	9	83	10	588	10								
		Total		50	100	654	100	833	100	5,715	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	8	16	168	26	223	27	1,199	21	2.3	2.2	.16	2.1	.19	2.2	.06	
		2	Sometimes	27	54	284	43	365	44	2,520	44								
		3	Often	7	14	135	21	162	19	1,371	24								
		4	Very often	8	16	66	10	82	10	620	11								
		Total		50	100	653	100	832	100	5,710	100								
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																			
a. Memorizing course material	memorize	1	Very little	3	6	30	5	36	4	269	5	3.0	2.9	.15	2.8	.19	2.8	.20	
		2	Some	9	18	178	27	255	31	1,670	29								
		3	Quite a bit	24	48	299	46	359	43	2,611	46								
		4	Very much	14	28	147	22	183	22	1,169	20								
		Total		50	100	654	100	833	100	5,719	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	1	2	16	2	16	2	144	3	3.1	2.9	.15	3.1	.01	3.0	.08	
		2	Some	11	23	162	25	157	19	1,206	21								
		3	Quite a bit	20	42	316	48	427	51	2,844	50								
		4	Very much	16	33	158	24	233	28	1,525	27								
		Total		48	100	652	100	833	100	5,719	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	3	6	26	4	27	3	193	3	2.8	2.8	.01	3.0	-.17	3.0	-.18	
		2	Some	14	28	211	32	205	25	1,337	23								
		3	Quite a bit	22	44	276	42	377	45	2,663	47								
		4	Very much	11	22	141	22	222	27	1,524	27								
		Total		50	100	654	100	831	100	5,717	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	6	12	30	5	40	5	224	4	2.6	2.8	-.21	2.8	-.31	2.9 *	-0.40	
		2	Some	19	38	216	33	242	29	1,465	26								
		3	Quite a bit	15	30	293	45	364	44	2,677	47								
		4	Very much	10	20	114	17	186	22	1,351	24								
		Total		50	100	653	100	832	100	5,717	100								

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with					
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>		Mean	Effect size <sup>n</sup>	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	4	8	39	6	43	5	254	4	2.7	2.7	-.10	2.8	-.21	2.9	-.25	
		2	Some	15	30	204	31	236	28	1,553	27								
		3	Quite a bit	25	50	298	46	367	44	2,647	46								
		4	Very much	6	12	113	17	185	22	1,264	22								
		Total		50	100	654	100	831	100	5,718	100								
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	1	2	11	2	17	2	129	2	3.2	3.1	.17	3.1	.15	3.1	.14	
		2	Some	7	14	132	20	152	18	1,082	19								
		3	Quite a bit	22	45	308	47	400	48	2,607	46								
		4	Very much	19	39	204	31	263	32	1,904	33								
		Total		49	100	655	100	832	100	5,722	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	1	2	15	2	19	2	180	3	3.1	3.1	.06	3.1	.02	3.0	.07	
		2	Some	8	16	135	21	152	18	1,132	20								
		3	Quite a bit	26	52	307	47	399	48	2,643	46								
		4	Very much	15	30	198	30	262	31	1,765	31								
		Total		50	100	655	100	832	100	5,720	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	2	4	25	4	15	2	192	3	3.1	3.0	.12	3.1	.00	3.0	.09	
		2	Some	10	20	138	21	147	18	1,152	20								
		3	Quite a bit	18	36	289	44	392	47	2,566	45								
		4	Very much	20	40	202	31	279	33	1,804	32								
		Total		50	100	654	100	833	100	5,714	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	5	10	84	13	92	11	593	10	2.8	2.6	.21	2.7	.14	2.7	.08	
		2	Some	14	28	225	34	269	32	1,707	30								
		3	Quite a bit	17	34	217	33	291	35	2,104	37								
		4	Very much	14	28	129	20	179	22	1,304	23								
		Total		50	100	655	100	831	100	5,708	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	2	4	72	11	64	8	384	7	2.8	2.6	.17	2.8	.03	2.8	-.01	
		2	Some	15	30	205	31	248	30	1,681	29								
		3	Quite a bit	24	48	259	40	334	40	2,295	40								
		4	Very much	9	18	119	18	185	22	1,339	23								
		Total		50	100	655	100	831	100	5,699	100								

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with					
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>	
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	4	8	45	7	53	6	341	6	<b>2.8</b>	2.7	.01	2.7	.09	2.7	.02	
		2	Sometimes	16	32	205	31	294	35	1,863	33								
		3	Often	18	36	273	42	350	42	2,410	42								
		4	Very often	12	24	130	20	137	16	1,097	19								
			Total	50	100	653	100	834	100	5,711	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	10	20	107	16	129	16	786	14	<b>2.5</b>	2.4	.11	2.4	.10	2.5	.03	
		2	Sometimes	14	28	254	39	315	38	2,076	36								
		3	Often	15	30	188	29	271	33	1,970	35								
		4	Very often	11	22	102	16	114	14	871	15								
			Total	50	100	651	100	829	100	5,703	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	13	26	87	13	94	11	711	12	<b>2.3</b>	2.4	-.11	2.4	-.11	2.5	-.14	
		2	Sometimes	15	30	271	42	374	45	2,341	41								
		3	Often	14	28	210	32	271	33	1,979	35								
		4	Very often	8	16	81	12	93	11	670	12								
			Total	50	100	649	100	832	100	5,701	100								
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																			
a. Up to 5 pages	wrshortnum	0	None	8	16	28	4	30	4	259	5	<b>5.4</b>	7.5 *	-0.35	7.7 **	-0.38	7.6 *	-0.35	
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	8	16	120	18	150	18	1,007	18								
		4	3-5	19	38	187	29	233	28	1,709	30								
		8	6-10	10	20	157	24	207	25	1,314	23								
		13	11-15	0	0	74	11	94	11	655	11								
		18	16-20	3	6	43	7	61	7	347	6								
		23	More than 20	2	4	42	6	56	7	412	7								
			Total	50	100	651	100	831	100	5,703	100								
b. Between 6 and 10 pages	wrmednum	0	None	18	36	166	25	175	21	1,234	22	<b>2.7</b>	3.3	-.15	3.0	-.11	3.3	-.17	
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	17	34	224	34	308	37	2,109	37								
		4	3-5	7	14	155	24	232	28	1,401	25								
		8	6-10	5	10	70	11	82	10	610	11								
		13	11-15	3	6	20	3	19	2	199	4								
		18	16-20	0	0	9	1	7	1	66	1								
		23	More than 20	0	0	8	1	4	0	63	1								
			Total	50	100	652	100	827	100	5,682	100								

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

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				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with					
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>		Mean	Effect size <sup>n</sup>	
c. 11 pages or more	wrlongnum	0	None	28	57	298	46	374	45	2,535	45	<b>1.7</b>	1.7	-0.02	1.6	.04	1.8	-0.05	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	11	22	238	37	317	38	2,130	37								
		4	3-5	6	12	76	12	93	11	618	11								
		8	6-10	2	4	22	3	30	4	216	4								
		13	11-15	2	4	10	2	9	1	105	2								
		18	16-20	0	0	3	0	0	0	35	1								
		23	More than 20	0	0	5	1	4	0	47	1								
	Total			49	100	652	100	827	100	5,686	100								
Estimated number of assigned pages of student writing.	wpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>62.8</b>	74.3	-.14	71.0	-.11	76.6	-.16	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	7	14	34	5	47	6	331	6	<b>2.6</b>	3.0 *	-0.37	2.9	-0.24	3.0 *	-0.38	
		2	Sometimes	17	34	181	28	279	34	1,472	26								
		3	Often	13	26	201	31	239	29	1,846	32								
		4	Very often	13	26	238	36	264	32	2,065	36								
			Total	50	100	654	100	829	100	5,714	100								
b. People from an economic background other than your own	DDeconomic	1	Never	0	0	19	3	23	3	259	5	<b>3.0</b>	3.0	.00	2.9	.10	3.0	.03	
		2	Sometimes	15	30	170	26	251	30	1,442	25								
		3	Often	19	38	245	38	317	38	2,090	37								
		4	Very often	16	32	219	34	241	29	1,918	34								
	Total	50	100	653	100	832	100	5,709	100										
c. People with religious beliefs other than your own	DDreligion	1	Never	3	6	38	6	44	5	419	7	<b>2.8</b>	2.9	-0.14	2.9	-0.12	2.9	-0.10	
		2	Sometimes	19	38	190	29	254	31	1,643	29								
		3	Often	14	28	218	33	281	34	1,878	33								
		4	Very often	14	28	205	31	252	30	1,766	31								
	Total	50	100	651	100	831	100	5,706	100										
d. People with political views other than your own	DDpolitical	1	Never	4	8	22	3	31	4	339	6	<b>2.7</b>	3.0 *	-0.38	3.0 *	-0.32	3.0 *	-0.29	
		2	Sometimes	16	32	170	26	229	28	1,445	25								
		3	Often	21	42	230	35	303	36	2,009	35								
		4	Very often	9	18	230	35	268	32	1,916	34								
	Total	50	100	652	100	831	100	5,709	100										

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with					
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>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	1	2	16	2	16	2	100	2	<b>3.0</b>	3.0	-.01	3.0	-.10	3.1	-.12	
		2	Sometimes	12	24	164	25	177	21	1,163	20								
		3	Often	25	50	299	46	399	48	2,778	49								
		4	Very often	12	24	174	27	240	29	1,670	29								
		Total		50	100	653	100	832	100	5,711	100								
b. Reviewed your notes after class	LSnotes	1	Never	6	12	51	8	68	8	457	8	<b>2.6</b>	2.8	-.22	2.8	-.18	2.8	-.19	
		2	Sometimes	17	34	204	31	273	33	1,829	32								
		3	Often	18	36	220	34	280	34	1,968	34								
		4	Very often	9	18	179	27	211	25	1,459	26								
		Total		50	100	654	100	832	100	5,713	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	4	8	58	9	74	9	432	8	<b>2.7</b>	2.7	-.07	2.7	-.01	2.8	-.11	
		2	Sometimes	18	36	208	32	292	35	1,785	31								
		3	Often	19	38	242	37	301	36	2,200	39								
		4	Very often	9	18	142	22	163	20	1,281	22								
		Total		50	100	650	100	830	100	5,698	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	0	0	8	1	7	1	80	1	<b>5.2</b>	5.4	-.15	5.3	-.15	5.4	-.18	
		2		2	4	13	2	15	2	85	1								
		3		1	2	30	5	46	6	295	5								
		4		9	18	80	12	98	12	691	12								
		5		18	37	214	33	283	34	1,725	30								
		6		13	27	167	26	212	26	1,497	26								
		7	Very much	6	12	138	21	170	20	1,313	23								
		Total		49	100	650	100	831	100	5,686	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>o</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		9	18	48	7	61	7	621	11	<b>30%</b>	51% **	-0.43	52% **	-0.44	47% *	-0.36	
		Do not plan to do		19	38	121	19	173	21	1,184	21								
		Plan to do		7	14	149	23	170	20	1,211	21								
		Done or in progress		15	30	333	51	430	52	2,697	47								
		Total		50	100	651	100	834	100	5,713	100								

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

			Frequency Distributions								Statistical Comparisons <sup>k</sup>						
			NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	3	6	59	9	73	9	597	10	<b>28%</b>	36%	-.17	35%	-.15	38%	-.21
		Do not plan to do	29	58	311	48	412	50	2,451	43							
		Plan to do	4	8	46	7	56	7	486	9							
		Done or in progress	14	28	235	36	291	35	2,172	38							
		Total	50	100	651	100	832	100	5,706	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	3	6	81	12	110	13	815	14	<b>29%</b>	24%	.11	18%	.25	21%	.17
		Do not plan to do	27	55	348	54	509	61	3,119	55							
		Plan to do	5	10	67	10	63	8	557	10							
		Done or in progress	14	29	154	24	150	18	1,212	21							
		Total	49	100	650	100	832	100	5,703	100							
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	3	6	70	11	74	9	596	10	<b>6%</b>	13%	-.24	13%	-.25	16%	-.33
		Do not plan to do	39	78	458	70	601	72	3,817	67							
		Plan to do	5	10	41	6	49	6	388	7							
		Done or in progress	3	6	84	13	110	13	914	16							
		Total	50	100	653	100	834	100	5,715	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	5	10	90	14	111	13	856	15	<b>6%</b>	13%	-.24	12%	-.22	13%	-.23
		Do not plan to do	34	68	431	66	557	67	3,629	64							
		Plan to do	8	16	46	7	61	7	503	9							
		Done or in progress	3	6	84	13	101	12	723	13							
		Total	50	100	651	100	830	100	5,711	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	4	8	68	10	76	9	552	10	<b>38%</b>	45%	-.15	43%	-.10	46%	-.16
		Do not plan to do	14	28	163	25	195	23	1,267	22							
		Plan to do	13	26	126	19	204	25	1,256	22							
		Done or in progress	19	38	296	45	356	43	2,621	46							
		Total	50	100	653	100	831	100	5,696	100							

#### 12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>
1 None	21	42	312	48	346	42	2,303	40	<b>1.6</b>	1.6
2 Some	27	54	297	45	433	52	2,887	51		
3 Most	2	4	37	6	42	5	404	7		
4 All	0	0	7	1	8	1	102	2		
Total	50	100	653	100	829	100	5,696	100		

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>									
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with							
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>		Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>		
														State Peers	State and Regional	Crngie Size/Setting	State Peers			State and Regional	Crngie Size/Setting
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																					
a. Students	QIstudent	1	Poor	1	2	5	1	10	1	83	1	<b>5.1</b>	▼ 5.6 *	-0.36	▼ 5.6 *	-0.36	▼ 5.5 *	-0.31			
		2		0	0	9	1	12	1	116	2										
		3		2	4	28	4	34	4	232	4										
		4		11	22	74	11	79	10	639	11										
		5		19	38	178	27	222	27	1,446	25										
		6		10	20	177	27	240	29	1,473	26										
		7	Excellent	7	14	179	27	222	27	1,613	28										
		—	Not applicable	0	0	2	0	10	1	115	2										
			Total	50	100	652	100	829	100	5,717	100										
b. Academic advisors	QIadvisor	1	Poor	6	12	23	4	38	5	307	5	<b>4.7</b>	5.2	-0.31	5.1	-0.24	5.1	-0.25			
		2		4	8	25	4	50	6	284	5										
		3		5	10	56	9	78	9	442	8										
		4		5	10	87	13	95	11	782	14										
		5		6	12	138	21	157	19	1,067	19										
		6		11	22	134	21	169	20	1,072	19										
		7	Excellent	12	24	180	28	234	28	1,694	30										
		—	Not applicable	1	2	9	1	11	1	61	1										
			Total	50	100	652	100	832	100	5,709	100										
c. Faculty	QIfaculty	1	Poor	0	0	8	1	9	1	87	2	<b>5.2</b>	5.4	-0.20	5.4	-0.20	5.4	-0.18			
		2		2	4	8	1	15	2	136	2										
		3		3	6	37	6	37	4	292	5										
		4		10	20	92	14	106	13	738	13										
		5		14	28	165	25	230	28	1,460	26										
		6		12	24	171	26	240	29	1,530	27										
		7	Excellent	9	18	164	25	184	22	1,410	25										
		—	Not applicable	0	0	4	1	6	1	46	1										
			Total	50	100	649	100	827	100	5,699	100										

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with					
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>		Mean	Effect size <sup>n</sup>	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	3	6	17	3	28	3	248	4	4.6	5.0	-.25	5.1	-.31	4.9	-.20	
		2		4	8	39	6	28	3	272	5								
		3		3	6	40	6	49	6	377	7								
		4		8	16	89	14	118	14	788	14								
		5		12	24	137	21	157	19	1,078	19								
		6		3	6	112	17	171	21	1,008	18								
		7	Excellent	9	18	122	19	153	18	1,032	18								
		—	Not applicable	8	16	96	15	128	15	905	16								
Total				50	100	652	100	832	100	5,708	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	3	6	26	4	29	3	257	5	4.6	4.9	-.20	5.1	-.30	5.0	-.24	
		2		3	6	38	6	36	4	302	5								
		3		3	6	62	10	63	8	452	8								
		4		7	14	91	14	130	16	836	15								
		5		18	36	142	22	156	19	1,270	22								
		6		5	10	121	19	189	23	1,117	20								
		7	Excellent	5	10	125	19	167	20	1,185	21								
		—	Not applicable	6	12	44	7	62	7	287	5								
Total				50	100	649	100	832	100	5,706	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	2	4	12	2	14	2	116	2	2.9	3.1	-.15	3.0	-.12	3.0	-.13	
		2	Some	10	20	130	20	172	21	1,153	20								
		3	Quite a bit	26	53	321	49	425	51	2,866	50								
		4	Very much	11	22	187	29	223	27	1,575	28								
		Total				49	100	650	100	834	100								5,710
b. Providing support to help students succeed academically	SEacademic	1	Very little	3	6	30	5	34	4	273	5	2.7	2.9	-.17	2.9	-.25	2.9	-.20	
		2	Some	16	32	177	27	200	24	1,423	25								
		3	Quite a bit	22	44	285	44	366	44	2,569	45								
		4	Very much	9	18	157	24	226	27	1,429	25								
		Total				50	100	649	100	826	100								5,694
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	5	10	69	11	78	9	585	10	2.7	2.7	-.05	2.8	-.13	2.8	-.07	
		2	Some	11	22	187	29	218	26	1,529	27								
		3	Quite a bit	28	56	233	36	308	37	2,202	39								
		4	Very much	6	12	160	25	226	27	1,375	24								
		Total				50	100	649	100	830	100								5,691

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	State Peers	State and Regional	Crngie Size/Setting	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>
													Mean	Mean	Mean	Mean	Mean	Effect size <sup>n</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	12	24	108	17	122	15	839	15	2.2	2.5	-0.28	2.6 *	-0.34	2.6 *	-0.36
		2	Some	18	37	215	33	265	32	1,805	32							
		3	Quite a bit	14	29	208	32	280	34	1,899	33							
		4	Very much	5	10	118	18	158	19	1,155	20							
		Total		49	100	649	100	825	100	5,698	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	4	8	45	7	60	7	469	8	2.6	2.8	-0.22	2.8	-0.20	2.8	-0.18
		2	Some	18	36	192	30	231	28	1,553	27							
		3	Quite a bit	20	40	238	37	338	41	2,286	40							
		4	Very much	8	16	174	27	198	24	1,382	24							
		Total		50	100	649	100	827	100	5,690	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	5	10	94	15	96	12	629	11	2.5	2.5	-0.04	2.7	-0.18	2.7	-0.22
		2	Some	23	47	224	35	256	31	1,616	28							
		3	Quite a bit	12	24	208	32	292	35	2,168	38							
		4	Very much	9	18	120	19	183	22	1,272	22							
		Total		49	100	646	100	827	100	5,685	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	19	38	238	37	262	32	1,781	31	2.0	2.0	-0.03	2.1	-0.12	2.1	-0.14
		2	Some	16	32	226	35	305	37	2,040	36							
		3	Quite a bit	12	24	123	19	178	21	1,285	23							
		4	Very much	3	6	61	9	83	10	589	10							
		Total		50	100	648	100	828	100	5,695	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	12	24	92	14	115	14	830	15	2.3	2.6 *	-0.30	2.5	-0.25	2.6 *	-0.31
		2	Some	17	34	219	34	308	37	1,820	32							
		3	Quite a bit	16	32	214	33	271	33	1,974	35							
		4	Very much	5	10	124	19	136	16	1,074	19							
		Total		50	100	649	100	830	100	5,698	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	12	24	147	23	145	18	1,051	18	2.2	2.3	-0.12	2.3	-0.20	2.4	-0.25
		2	Some	21	42	247	38	349	42	2,101	37							
		3	Quite a bit	14	28	184	28	234	28	1,777	31							
		4	Very much	3	6	71	11	97	12	766	13							
		Total		50	100	649	100	825	100	5,695	100							

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with					
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>		Mean	Effect size <sup>n</sup>	
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	2	0	3	0	28	0	<b>12.6</b>	12.3	.03	13.4	-.10	13.2	-.08	
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	16	139	21	129	16	938	16								
		8	6-10 hrs	14	28	163	25	215	26	1,507	26								
		13	11-15 hrs	13	26	146	22	197	24	1,245	22								
		18	16-20 hrs	9	18	106	16	142	17	972	17								
		23	21-25 hrs	3	6	52	8	67	8	508	9								
		28	26-30 hrs	1	2	18	3	42	5	249	4								
		33	More than 30 hrs	2	4	24	4	35	4	251	4								
	Total			50	100	650	100	830	100	5,698	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	24	49	271	42	337	41	2,240	39	<b>4.8</b>	5.3	-.07	4.8	.00	5.6	-.11	
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	16	184	28	275	33	1,560	27								
		8	6-10 hrs	10	20	80	12	100	12	769	14								
		13	11-15 hrs	2	4	43	7	42	5	456	8								
		18	16-20 hrs	2	4	31	5	35	4	319	6								
		23	21-25 hrs	3	6	24	4	21	3	166	3								
		28	26-30 hrs	0	0	9	1	8	1	79	1								
		33	More than 30 hrs	0	0	11	2	14	2	102	2								
	Total			49	100	653	100	832	100	5,691	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	31	62	488	75	640	77	4,149	73	<b>6.1</b>	3.8	.30	3.1 *	.45	3.6 *	.36	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	2	14	2	30	4	205	4								
		8	6-10 hrs	1	2	31	5	45	5	438	8								
		13	11-15 hrs	5	10	32	5	39	5	363	6								
		18	16-20 hrs	11	22	51	8	46	6	323	6								
		23	21-25 hrs	0	0	22	3	20	2	103	2								
		28	26-30 hrs	0	0	5	1	1	0	35	1								
		33	More than 30 hrs	1	2	7	1	8	1	76	1								
	Total			50	100	650	100	829	100	5,692	100								

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with				
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. Working for pay off campus	tmworkoffhrs	0	0 hrs	18	36	222	34	233	28	1,939	34	<b>14.2</b>	16.2	-.14	16.8	-.19	15.1	-.06
	<i>(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)</i>	3	1-5 hrs	3	6	22	3	33	4	206	4							
		8	6-10 hrs	1	2	20	3	41	5	374	7							
		13	11-15 hrs	3	6	26	4	67	8	403	7							
		18	16-20 hrs	6	12	61	9	90	11	532	9							
		23	21-25 hrs	6	12	70	11	78	9	479	8							
		28	26-30 hrs	4	8	69	11	68	8	353	6							
		33	More than 30 hrs	9	18	162	25	223	27	1,413	25							
		Total			50	100	652	100	833	100	5,699	100						
Estimated number of hours working for pay	tmworkhrs											<b>20.4</b>	20.0	.03	19.8	.04	18.6	.13
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	30	60	335	52	427	51	2,765	49	<b>2.2</b>	2.5	-.06	2.5	-.07	3.1	-.18
	<i>(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)</i>	3	1-5 hrs	15	30	247	38	316	38	2,025	36							
		8	6-10 hrs	1	2	35	5	52	6	451	8							
		13	11-15 hrs	3	6	13	2	16	2	228	4							
		18	16-20 hrs	1	2	8	1	8	1	98	2							
		23	21-25 hrs	0	0	6	1	2	0	58	1							
		28	26-30 hrs	0	0	3	0	4	0	27	0							
		33	More than 30 hrs	0	0	1	0	6	1	43	1							
		Total			50	100	648	100	831	100	5,695	100						
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	4	15	2	18	2	182	3	<b>12.6</b>	11.3	.16	11.5	.13	10.8	.22
	<i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>	3	1-5 hrs	9	18	184	28	211	25	1,545	27							
		8	6-10 hrs	11	22	160	25	226	27	1,589	28							
		13	11-15 hrs	13	26	126	19	152	18	1,073	19							
		18	16-20 hrs	7	14	74	11	111	13	653	11							
		23	21-25 hrs	4	8	44	7	47	6	275	5							
		28	26-30 hrs	1	2	13	2	18	2	104	2							
		33	More than 30 hrs	3	6	35	5	46	6	282	5							
		Total			50	100	651	100	829	100	5,703	100						

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with					
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>	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	38	78	472	73	558	67	3,711	65	<b>2.9</b>	4.2	-.14	5.4 *	-.24	5.9 *	-.27	
		3	1-5 hrs	5	10	60	9	90	11	590	10								
		8	6-10 hrs	2	4	23	4	35	4	275	5								
		13	11-15 hrs	0	0	17	3	25	3	200	4								
		18	16-20 hrs	1	2	16	2	18	2	155	3								
		23	21-25 hrs	0	0	11	2	11	1	76	1								
		28	26-30 hrs	1	2	7	1	12	1	56	1								
		33	More than 30 hrs	2	4	43	7	81	10	630	11								
			Total	49	100	649	100	830	100	5,693	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	7	14	79	12	117	14	1,291	23	<b>4.4</b>	5.5	-.17	4.9	-.09	4.7	-.05	
		3	1-5 hrs	36	72	381	59	503	61	3,028	53								
		8	6-10 hrs	1	2	111	17	131	16	797	14								
		13	11-15 hrs	4	8	35	5	38	5	270	5								
		18	16-20 hrs	1	2	18	3	20	2	121	2								
		23	21-25 hrs	0	0	9	1	3	0	54	1								
		28	26-30 hrs	0	0	1	0	3	0	33	1								
		33	More than 30 hrs	1	2	15	2	14	2	107	2								
		Total	50	100	649	100	829	100	5,701	100									
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
	reading	1	Very little	12	24	99	15	126	15	674	12	<b>2.6</b>	2.6	.00	2.7	-.13	2.8	-.19	
		2	Some	13	26	235	36	251	30	1,677	29								
		3	About half	12	24	178	27	218	26	1,778	31								
		4	Most	9	18	111	17	178	21	1,186	21								
		5	Almost all	4	8	30	5	57	7	389	7								
			Total	50	100	653	100	830	100	5,704	100								
	tmreadinghrs											<b>5.7</b>	5.6	.01	6.4	-.12	6.5	-.14	
				<i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>															

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>					
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean
	tmreadinghrscol	1	0 hrs	0	0	2	0	3	0	28	0						
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	29	58	378	58	432	52	2,932	52						
		3	More than 5, up to 10 hrs	14	28	170	26	237	29	1,619	29						
		4	More than 10, up to 15 hrs	2	4	51	8	79	10	563	10						
		5	More than 15, up to 20 hrs	3	6	29	4	36	4	275	5						
		6	More than 20, up to 25 hrs	2	4	14	2	27	3	175	3						
		7	More than 25 hrs	0	0	6	1	13	2	86	2						
		Total		50	100	650	100	827	100	5,678	100						

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

a. Writing clearly and effectively	pgwrite	1	Very little	3	6	29	4	37	4	262	5	<b>2.8</b>	2.9	-.18	3.0 *	-.29	3.0 *	-.28
		2	Some	17	34	176	27	173	21	1,231	22							
		3	Quite a bit	19	38	267	41	375	45	2,482	44							
		4	Very much	11	22	178	27	246	30	1,721	30							
		Total		50	100	650	100	831	100	5,696	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	4	8	34	5	42	5	333	6	<b>2.9</b>	2.9	-.08	3.0	-.14	3.0	-.14
		2	Some	10	20	173	27	169	20	1,220	21							
		3	Quite a bit	24	48	236	36	371	45	2,270	40							
		4	Very much	12	24	208	32	248	30	1,883	33							
		Total		50	100	651	100	830	100	5,706	100							
c. Thinking critically and analytically	pgthink	1	Very little	3	6	15	2	17	2	122	2	<b>3.0</b>	3.1	-.11	3.2	-.24	3.2	-.24
		2	Some	6	12	131	20	125	15	847	15							
		3	Quite a bit	27	54	264	40	342	41	2,360	41							
		4	Very much	14	28	243	37	348	42	2,377	42							
		Total		50	100	653	100	832	100	5,706	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	6	12	31	5	42	5	262	5	<b>2.8</b>	3.0	-.12	3.0	-.19	3.0	-.24
		2	Some	11	22	176	27	186	22	1,187	21							
		3	Quite a bit	18	36	237	36	329	40	2,306	40							
		4	Very much	15	30	206	32	272	33	1,958	34							
		Total		50	100	650	100	829	100	5,713	100							

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

Item wording or description				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	10	20	37	6	51	6	342	6	2.7	3.0	-.32	3.0	-.33	3.0	-.33
		2	Some	7	14	146	22	170	20	1,216	21							
		3	Quite a bit	20	40	239	37	327	39	2,163	38							
		4	Very much	13	26	227	35	283	34	1,991	35							
		Total		50	100	649	100	831	100	5,712	100							
f. Working effectively with others	pgothers	1	Very little	2	4	22	3	29	4	247	4	2.9	3.1	-.22	3.1	-.20	3.1	-.19
		2	Some	11	22	119	18	154	19	1,042	18							
		3	Quite a bit	25	50	269	41	348	42	2,322	41							
		4	Very much	12	24	240	37	297	36	2,098	37							
		Total		50	100	650	100	828	100	5,709	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	5	10	82	13	76	9	476	8	2.7	2.7	-.02	2.8	-.17	2.9	-.26
		2	Some	17	34	193	30	218	26	1,343	24							
		3	Quite a bit	18	36	225	35	320	38	2,169	38							
		4	Very much	10	20	151	23	218	26	1,722	30							
		Total		50	100	651	100	832	100	5,710	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	7	14	88	13	88	11	538	9	2.4	2.7 *	-.31	2.8 **	-.41	2.8 **	-.44
		2	Some	19	39	184	28	228	27	1,575	28							
		3	Quite a bit	20	41	222	34	294	35	2,046	36							
		4	Very much	3	6	158	24	222	27	1,545	27							
		Total		49	100	652	100	832	100	5,704	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	9	18	60	9	63	8	518	9	2.5	2.7	-.28	2.8 *	-.36	2.8 *	-.35
		2	Some	16	32	202	31	244	29	1,586	28							
		3	Quite a bit	17	34	236	36	318	38	2,117	37							
		4	Very much	8	16	153	24	205	25	1,495	26							
		Total		50	100	651	100	830	100	5,716	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	9	18	96	15	101	12	604	11	2.4	2.5	-.17	2.6	-.28	2.7 *	-.37
		2	Some	21	42	226	35	266	32	1,732	30							
		3	Quite a bit	12	24	204	31	294	35	1,967	35							
		4	Very much	8	16	123	19	172	21	1,386	24							
		Total		50	100	649	100	833	100	5,689	100							

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Business

### Northern Michigan University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	State Peers	State and Regional	Crngie Size/Setting	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>	
													Mean	Mean	Mean	Mean	Mean	Mean	
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	4	8	14	2	17	2	127	2	<b>2.7</b>	3.2 ***	-0.61	3.3 ***	-0.70	3.3 ***	-0.69	
		2	Fair	10	20	94	14	94	11	653	11								
		3	Good	31	62	293	45	380	46	2,581	45								
		4	Excellent	5	10	253	39	342	41	2,351	41								
		Total		50	100	654	100	833	100	5,712	100								
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	4	8	29	4	31	4	265	5	<b>2.8</b>	3.2 **	-0.47	3.3 ***	-0.57	3.2 **	-0.45	
		2	Probably no	11	22	80	12	84	10	755	13								
		3	Probably yes	24	49	273	42	351	42	2,314	40								
		4	Definitely yes	10	20	273	42	369	44	2,387	42								
		Total		49	100	655	100	835	100	5,721	100								

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Business

### Northern Michigan University

Business			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	15	83	224	78	414	78	3,034	76	41	82	561	85	654	78	4,642	81
		More than one	3	17	63	22	115	22	935	24	9	18	96	15	180	22	1,083	19
		Total	18	100	287	100	529	100	3,969	100	50	100	657	100	834	100	5,725	100
First major or expected first major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJfirstcol <i>(Recoded from MAJfirst.)</i>	Arts & Humanities	0	0	3	1	8	2	42	1	0	0	3	0	0	0	22	0
		Biological Sci., Agriculture, & Natural Resources	0	0	3	1	3	1	15	0	1	2	0	0	0	0	6	0
		Physical Sci., Mathematics, & Computer Science	0	0	2	1	4	1	22	1	0	0	0	0	3	0	23	0
		Social Sciences	0	0	1	0	6	1	59	1	0	0	2	0	8	1	58	1
		Business	17	94	272	94	495	94	3,738	94	46	92	639	97	808	97	5,530	96
		Communications, Media, & Public Relations	0	0	2	1	4	1	20	1	0	0	3	0	4	0	13	0
		Education	0	0	0	0	1	0	10	0	0	0	1	0	0	0	11	0
		Engineering	1	6	4	1	2	0	15	0	0	0	2	0	2	0	12	0
		Health Professions	0	0	1	0	3	1	26	1	0	0	2	0	0	0	22	0
		Social Service Professions	0	0	1	0	2	0	18	0	0	0	1	0	2	0	13	0
		All Other	0	0	0	0	1	0	23	1	2	4	3	0	7	1	36	1
		Undecided, Undeclared	0	0	0	0	0	0	2	0	1	2	1	0	1	0	1	0
		Total	18	100	289	100	529	100	3,990	100	50	100	657	100	835	100	5,747	100
Second major or expected second major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJsecondcol <i>(Recoded from MAJsecond.)</i>	Arts & Humanities	0	0	6	10	9	8	61	7	0	0	6	6	15	8	64	6
		Biological Sci., Agriculture, & Natural Resources	0	0	1	2	1	1	8	1	1	11	0	0	2	1	10	1
		Physical Sci., Mathematics, & Computer Science	0	0	2	3	1	1	18	2	0	0	0	0	3	2	15	1
		Social Sciences	0	0	3	5	9	8	72	8	1	11	6	6	15	8	77	7
		Business	3	100	44	70	84	73	629	67	6	67	72	76	115	64	777	72
		Communications, Media, & Public Relations	0	0	3	5	3	3	17	2	0	0	3	3	18	10	17	2
		Education	0	0	0	0	0	0	10	1	0	0	1	1	0	0	13	1
		Engineering	0	0	1	2	0	0	6	1	0	0	1	1	2	1	6	1
		Health Professions	0	0	0	0	0	0	16	2	0	0	1	1	2	1	13	1
		Social Service Professions	0	0	1	2	4	3	24	3	1	11	2	2	1	1	18	2
		All Other	0	0	1	2	2	2	38	4	0	0	1	1	4	2	41	4
		Undecided, Undeclared	0	0	1	2	2	2	33	4	0	0	2	2	2	1	26	2
		Total	3	100	63	100	115	100	932	100	9	100	95	100	179	100	1,077	100

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Business

### Northern Michigan University

Business			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
22. What is your class level?	class	Freshman/First-year	15	83	237	83	427	82	3,310	84	0	0	1	0	0	0	5	0
		Sophomore	3	17	42	15	82	16	524	13	0	0	4	1	0	0	16	0
		Junior	0	0	6	2	4	1	78	2	1	2	24	4	42	5	280	5
		Senior	0	0	1	0	5	1	20	1	43	88	610	94	775	94	5,290	93
		Unclassified	0	0	0	0	5	1	14	0	5	10	11	2	11	1	99	2
		Total	18	100	286	100	523	100	3,946	100	49	100	650	100	828	100	5,690	100
23. Thinking about this current academic term, are you a full-time student?	fulltime	No	0	0	8	3	27	5	126	3	8	17	135	21	179	22	1,081	19
		Yes	18	100	277	97	491	95	3,806	97	40	83	509	79	644	78	4,577	81
		Total	18	100	285	100	518	100	3,932	100	48	100	644	100	823	100	5,658	100
24a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	0	1	0	13	0	2	4	24	4	7	1	125	2	
		1	0	0	0	4	1	21	1	0	0	23	4	23	3	221	4	
		2	1	6	2	12	2	66	2	4	9	54	8	84	10	498	9	
		3	1	6	11	4	16	3	157	4	10	21	77	12	82	10	713	12
		4	11	61	118	41	138	26	955	24	21	45	226	35	244	29	1,611	28
		5	4	22	118	41	251	48	1,754	44	8	17	170	26	249	30	1,467	26
		6	0	0	22	8	65	12	674	17	2	4	45	7	101	12	724	13
		7 or more	1	6	14	5	37	7	312	8	0	0	32	5	41	5	350	6
Total	18	100	285	100	524	100	3,952	100	47	100	651	100	831	100	5,709	100		
b. Of these, how many are entirely online?	onlinenum	0	15	88	249	88	392	75	3,131	80	33	70	446	69	487	59	3,172	56
		1	2	12	27	10	85	16	516	13	11	23	136	21	199	24	1,144	20
		2	0	0	5	2	29	6	157	4	3	6	40	6	83	10	697	12
		3	0	0	3	1	8	2	48	1	0	0	11	2	32	4	331	6
		4	0	0	0	0	7	1	49	1	0	0	12	2	16	2	203	4
		5	0	0	0	0	0	0	15	0	0	0	0	0	7	1	65	1
		6	0	0	0	0	0	0	9	0	0	0	2	0	3	0	33	1
		7 or more	0	0	0	0	0	0	5	0	0	0	2	0	3	0	38	1
Total	17	100	284	100	521	100	3,930	100	47	100	649	100	830	100	5,683	100		
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum.)	onlinecrscol	No courses taken online	15	88	249	88	392	75	3,131	80	33	70	446	69	487	59	3,172	56
		Some courses taken online	2	12	34	12	114	22	690	18	13	28	166	26	273	33	1,766	31
		All courses taken online	0	0	1	0	15	3	109	3	1	2	37	6	70	8	745	13
		Total	17	100	284	100	521	100	3,930	100	47	100	649	100	830	100	5,683	100

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Business

### Northern Michigan University

Business			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
25. What have most of your grades been up to now at this institution?	grades	C- or lower	1	6	2	1	7	1	54	1	0	0	2	0	4	0	17	0
		C	1	6	8	3	15	3	91	2	2	4	3	0	13	2	87	2
		C+	1	6	18	6	31	6	179	5	3	6	17	3	34	4	255	4
		B-	1	6	16	6	38	7	262	7	2	4	45	7	54	7	376	7
		B	2	11	53	19	116	22	714	18	6	13	141	22	189	23	1,026	18
		B+	1	6	47	16	96	18	735	19	13	28	130	20	175	21	1,175	21
		A-	3	17	60	21	88	17	814	21	9	19	140	22	137	17	1,121	20
		A	8	44	82	29	133	25	1,090	28	12	26	171	26	223	27	1,640	29
		Total	18	100	286	100	524	100	3,939	100	47	100	649	100	829	100	5,697	100
26. Did you begin college at this institution or elsewhere?	begincol	Started here	14	78	257	90	476	91	3,573	91	35	76	313	48	437	53	2,960	52
		Started elsewhere	4	22	28	10	46	9	363	9	11	24	337	52	393	47	2,717	48
		Total	18	100	285	100	522	100	3,936	100	46	100	650	100	830	100	5,677	100
27. 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 attend_com attend_col attend_none attend_other	Vocational or technical school	0	0	8	3	20	4	129	3	1	2	31	5	72	9	422	7
		Community or junior college	1	6	33	12	30	6	312	8	11	23	346	53	318	38	2,369	42
		4-year college or university other than this one	2	11	26	9	47	9	444	11	8	17	154	24	223	27	1,546	27
		None	14	78	209	74	416	80	3,012	77	28	60	208	32	334	40	2,231	39
		Other	1	6	13	5	20	4	113	3	2	4	13	2	30	4	196	3
28. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	1	6	22	8	54	10	322	8	0	0	42	6	56	7	409	7
		Bachelor's degree (B.A., B.S., etc.)	11	61	119	42	283	54	1,608	41	29	62	292	45	404	49	2,343	41
		Master's degree (M.A., M.S., etc.)	6	33	124	44	164	31	1,680	43	15	32	279	43	327	40	2,445	43
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	0	0	20	7	20	4	322	8	3	6	36	6	39	5	487	9
		Total	18	100	285	100	521	100	3,932	100	47	100	649	100	826	100	5,684	100

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Business

### Northern Michigan University

Business			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>									
			NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting			
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
29. 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	2	1	24	5	183	5	1	2	20	3	38	5	322	6		
		High school diploma or G.E.D.	4	22	45	16	96	18	744	19	10	22	127	20	176	21	1,177	21		
		Attended college, but did not complete degree	1	6	41	14	66	13	423	11	4	9	80	12	88	11	646	11		
		Associate's degree (A.A., A.S., etc.)	3	17	29	10	69	13	437	11	4	9	88	14	114	14	682	12		
		Bachelor's degree (B.A., B.S., etc.)	9	50	96	34	163	31	1,194	31	19	41	216	33	268	33	1,695	30		
		Master's degree (M.A., M.S., etc.)	1	6	58	20	86	17	725	19	7	15	101	16	112	14	905	16		
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	0	0	13	5	17	3	200	5	1	2	14	2	25	3	240	4		
		Total	18	100	284	100	521	100	3,906	100	46	100	646	100	821	100	5,667	100		
First-generation status (Neither parent holds a bachelor's degree.)	firstgen <i>(Recoded from parented.)</i>	Not first-generation	10	56	167	59	266	51	2,119	54	27	59	331	51	405	49	2,840	50		
		First-generation	8	44	117	41	255	49	1,787	46	19	41	315	49	416	51	2,827	50		
		Total	18	100	284	100	521	100	3,906	100	46	100	646	100	821	100	5,667	100		
30. What is your gender identity?	genderid	Man	3	17	140	49	218	42	1,583	40	21	45	284	44	318	39	2,253	40		
		Woman	15	83	141	50	298	57	2,306	59	24	51	355	55	497	60	3,334	59		
		Another gender identity	0	0	2	1	4	1	17	0	0	0	5	1	2	0	42	1		
		I prefer not to respond	0	0	1	0	4	1	28	1	2	4	4	1	8	1	55	1		
		Total	18	100	284	100	524	100	3,934	100	47	100	648	100	825	100	5,684	100		
31. Enter your year of birth (e.g., 1994):	agecat <i>(Recoded from the information entered in birthyear.)</i>	19 or younger	16	89	256	91	440	85	3,402	88	0	0	1	0	3	0	24	0		
		20-23	2	11	23	8	50	10	296	8	39	83	423	66	531	65	3,706	66		
		24-29	0	0	1	0	9	2	80	2	4	9	123	19	123	15	739	13		
		30-39	0	0	2	1	12	2	56	1	3	6	58	9	91	11	551	10		
		40-55	0	0	0	0	9	2	48	1	1	2	34	5	63	8	520	9		
		Over 55	0	0	0	0	0	0	6	0	0	0	4	1	7	1	72	1		
		Total	18	100	282	100	520	100	3,888	100	47	100	643	100	818	100	5,612	100		
32a. Are you an international student?	internat	No	18	100	265	94	499	96	3,646	93	45	100	608	95	788	96	5,336	95		
		Yes	0	0	16	6	20	4	264	7	0	0	35	5	33	4	301	5		
		Total	18	100	281	100	519	100	3,910	100	45	100	643	100	821	100	5,637	100		
		[If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	countrycol <i>(Recoded from country.)</i>	Africa Sub-Saharan	0	0	1	7	2	12	17	7	0	0	4	13	2	7	27	10
				Asia	0	0	4	29	12	71	114	48	0	0	12	40	15	52	114	41
				Canada	0	0	1	7	0	0	9	4	0	0	1	3	0	0	10	4
				Europe	0	0	5	36	1	6	50	21	0	0	0	0	2	7	47	17
				Latin America and Caribbean	0	0	1	7	0	0	30	13	0	0	2	7	2	7	46	16
				Middle East and North Africa	0	0	2	14	2	12	14	6	0	0	11	37	8	28	27	10
				Oceania	0	0	0	0	0	0	2	1	0	0	0	0	0	0	8	3
Unknown region/uncoded	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	0	0	14	100	17	100	236	100	0	0	30	100	29	100	279	100				

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Business

### Northern Michigan University

Business			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>								
			NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting		
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
33. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	1	6	2	1	4	1	75	2	3	6	8	1	6	1	94	2	
	re_asian	Asian	0	0	14	5	24	5	325	8	0	0	35	5	52	6	374	7	
	re_black	Black or African American	0	0	31	11	37	7	665	17	3	6	42	7	43	5	650	12	
	re_latino	Hispanic or Latino	0	0	17	6	45	9	461	12	0	0	22	3	54	7	523	9	
	re_pacific	Native Hawaiian or Other Pacific Islander	0	0	2	1	3	1	37	1	0	0	1	0	2	0	59	1	
	re_white	White	17	94	224	79	410	79	2,532	65	41	87	537	84	652	79	4,012	71	
	re_other	Other	0	0	12	4	15	3	78	2	0	0	16	2	18	2	119	2	
	re_pnr	I prefer not to respond	0	0	5	2	10	2	100	3	2	4	13	2	25	3	181	3	
	Racial or ethnic identification	re_all	American Indian or Alaska Native	1	6	1	0	1	0	11	0	1	2	2	0	4	0	24	0
(Recoded from re_amind to re_pnr where each student is represented only once.)		Asian	0	0	9	3	20	4	263	7	0	0	29	5	45	5	293	5	
		Black or African American	0	0	23	8	29	6	556	14	3	6	36	6	36	4	576	10	
		Hispanic or Latino	0	0	9	3	34	7	332	8	0	0	11	2	38	5	398	7	
		Native Hawaiian/Other Pac. Islander	0	0	0	0	1	0	10	0	0	0	1	0	1	0	22	0	
		White	17	94	209	74	388	75	2,280	58	39	83	513	80	631	77	3,766	67	
		Other	0	0	8	3	11	2	45	1	0	0	11	2	14	2	87	2	
		Multiracial	0	0	20	7	26	5	309	8	2	4	26	4	27	3	301	5	
		I prefer not to respond	0	0	5	2	10	2	100	3	2	4	13	2	25	3	181	3	
	Total		18	100	284	100	520	100	3,906	100	47	100	642	100	821	100	5,648	100	
34. Are you a member of a social fraternity or sorority?	greek	No	18	100	255	89	485	93	3,511	90	44	94	563	88	755	92	4,871	86	
		Yes	0	0	30	11	39	7	406	10	3	6	80	12	67	8	790	14	
		Total	18	100	285	100	524	100	3,917	100	47	100	643	100	822	100	5,661	100	
35. Which of the following best describes where you are living while attending college? (Revised for 2018. Data from 2017 & 2018 merged as appropriate. Labels shown are 2018 unless otherwise noted.)	living18	Campus housing (other than a fraternity or sorority house)	11	61	192	68	297	57	2,812	72	8	17	54	8	74	9	745	13	
		Fraternity or sorority house	0	0	1	0	3	1	27	1	1	2	8	1	6	1	63	1	
		House, apartment, or other residence within walking distance to campus	0	0	17	6	37	7	201	5	17	36	147	23	251	31	1,547	27	
		House, apartment, or other residence farther than walk. dist. to campus	7	39	66	23	168	32	745	19	20	43	401	62	449	55	2,831	50	
		None of the above (2017 only)	0	0	7	2	10	2	69	2	0	0	19	3	33	4	216	4	
		Not applicable: No campus, entirely online program, etc. (2018 only)	0	0	1	0	4	1	40	1	1	2	15	2	4	0	237	4	
		Not applicable: Homeless or in transition (2018 only)	0	0	0	0	0	0	3	0	0	0	0	0	0	2	0	10	0
		Total	18	100	284	100	519	100	3,897	100	47	100	644	100	819	100	5,649	100	
36. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	17	94	259	92	471	90	3,393	87	41	87	620	96	770	94	5,231	92	
		Yes	1	6	24	8	50	10	521	13	6	13	25	4	52	6	436	8	
		Total	18	100	283	100	521	100	3,914	100	47	100	645	100	822	100	5,667	100	

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Business

### Northern Michigan University

Business			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
37. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	18	100	283	100	512	98	3,835	98	43	96	618	96	799	97	5,385	95
		Yes	0	0	1	0	9	2	69	2	2	4	27	4	24	3	269	5
		Total	18	100	284	100	521	100	3,904	100	45	100	645	100	823	100	5,654	100
38a. Have you been diagnosed with any disability or impairment?	disability	No	15	83	246	87	467	90	3,416	87	38	81	576	89	729	89	4,970	88
		Yes	2	11	24	8	37	7	360	9	8	17	49	8	67	8	509	9
		I prefer not to respond	1	6	13	5	17	3	138	4	1	2	20	3	27	3	190	3
		Total	18	100	283	100	521	100	3,914	100	47	100	645	100	823	100	5,669	100
b. <i>[If answered "yes"]</i> Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	0	0	2	9	6	16	52	15	0	0	7	15	10	15	63	13
	dis_mobility	A mobility impairment	0	0	1	4	3	8	23	6	0	0	1	2	3	5	50	10
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	2	100	16	70	17	46	165	46	4	50	26	54	31	48	219	44
	dis_mental	A mental health disorder	0	0	9	39	15	41	123	34	5	63	9	19	17	26	169	34
	dis_other	A disability or impairment not listed above	0	0	2	9	2	5	63	18	2	25	9	19	16	25	126	25
Disability or impairment	disability_all	A sensory impairment	0	0	1	0	5	1	33	1	0	0	5	1	7	1	38	1
		A mobility impairment	0	0	0	0	1	0	14	0	0	0	1	0	1	0	28	0
	<i>(Recoded from disability and dis_sense to dis_other where each student is represented only once.)</i>	A learning disability	2	11	11	4	13	2	127	3	1	2	24	4	25	3	156	3
		A mental health disorder	0	0	3	1	11	2	85	2	3	6	8	1	11	1	100	2
		A disability or impairment not listed	0	0	1	0	2	0	42	1	1	2	6	1	11	1	73	1
		More than one disability or impairment	0	0	7	2	5	1	56	1	3	6	4	1	10	1	104	2
		No disability or impairment	15	83	246	87	467	90	3,416	87	38	81	576	89	729	89	4,970	88
		Prefer not to respond	1	6	13	5	17	3	138	4	1	2	20	3	27	3	190	3
	Total	18	100	282	100	521	100	3,911	100	47	100	644	100	821	100	5,659	100	
39. Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	16	89	258	91	480	92	3,565	91	39	83	598	93	754	91	5,149	91
		Bisexual	2	11	4	1	11	2	114	3	1	2	14	2	23	3	128	2
		Gay	0	0	4	1	4	1	35	1	1	2	8	1	8	1	66	1
		Lesbian	0	0	1	0	2	0	16	0	1	2	4	1	3	0	35	1
		Queer	0	0	1	0	1	0	4	0	0	0	0	0	2	0	11	0
		Questioning or unsure	0	0	4	1	5	1	33	1	1	2	3	0	2	0	29	1
		Another sexual orientation	0	0	4	1	5	1	31	1	1	2	3	0	2	0	48	1
		I prefer not to respond	0	0	8	3	14	3	116	3	3	6	15	2	31	4	203	4
		Total	18	100	284	100	522	100	3,914	100	47	100	645	100	825	100	5,669	100

# NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Business





### Northern Michigan University

Business			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			NMU		State Peers		State and Regional		Crngie Size/Setting		NMU		State Peers		State and Regional		Crngie Size/Setting	
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: Sex	IRsex	Female	15	83	146	51	306	58	2,343	59	29	58	362	55	506	61	3,410	59
		Male	3	17	143	49	224	42	1,647	41	21	42	295	45	329	39	2,337	41
		Total	18	100	289	100	530	100	3,990	100	50	100	657	100	835	100	5,747	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	1	0	1	0	18	1	1	2	1	0	3	0	31	1
		Asian	0	0	4	2	10	2	141	4	0	0	16	3	33	4	172	3
		Black or African American	0	0	16	7	30	6	445	13	2	4	28	6	38	5	473	9
		Hispanic or Latino	0	0	12	5	41	8	344	10	0	0	19	4	50	6	427	8
		Native Hawaiian/Other Pac. Islander	0	0	0	0	0	0	7	0	0	0	0	0	1	0	22	0
		White	17	94	185	79	408	77	2,076	60	45	90	397	80	651	78	3,403	68
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Foreign or nonresident alien	0	0	9	4	17	3	187	5	0	0	18	4	30	4	213	4
		Two or more races/ethnicities	1	6	3	1	18	3	108	3	2	4	6	1	11	1	113	2
		Unknown	0	0	4	2	5	1	120	3	0	0	10	2	17	2	177	4
		Total	18	100	234	100	530	100	3,446	100	50	100	495	100	834	100	5,031	100
Institution-reported: Class level	IRclass	Freshman/First-Year	18	100	289	100	530	100	3,990	100	0	0	0	0	0	0	0	0
		Sophomore	0	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	0
		Senior	0	0	0	0	0	0	0	0	50	100	657	100	835	100	5,748	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	18	100	289	100	530	100	3,990	100	50	100	657	100	835	100	5,748	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	2	11	39	13	89	17	573	14	50	100	657	100	835	100	5,736	100
		First-time first-year	16	89	250	87	441	83	3,417	86	0	0	0	0	0	0	12	0
		Total	18	100	289	100	530	100	3,990	100	50	100	657	100	835	100	5,748	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	1	6	5	2	30	6	138	3	6	12	143	22	171	20	1,038	18
		Full-time	17	94	284	98	500	94	3,852	97	44	88	514	78	664	80	4,710	82
		Total	18	100	289	100	530	100	3,990	100	50	100	657	100	835	100	5,748	100

## Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean  $\pm 1.96 * SEM$ .
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the  $t$ -tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance:  $*p < .05$ ,  $**p < .01$ ,  $***p < .001$  (2-tailed).
- g. Cohen's  $d$ : The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- 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. Percentage point differences (institution – comp. group) rounded to whole numbers. Values less than one may not display a bar and may be shown as +0 or -0.  
 $*p < .05$ ,  $**p < .01$ ,  $***p < .001$  ( $z$ -test comparing participation rates).
- j. Cohen's  $h$ : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. 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 that 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  $h$ .
- o. Statistical comparison uses  $z$ -test to compare the percentage who responded "Done or in progress."

### Key to symbols:

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

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

**Reference:** Rocconi, L., & Gonyea, R. M. (2015). Contextualizing student engagement effect sizes: An empirical analysis. Paper presented at the Association for Institutional Research Annual Forum, Denver, CO.