
University of Minnesota Duluth

NSSE 2016 Major Field Report, Part II

Comparisons to Other Institutions

Business Econ

*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 Econ' includes the following majors: Accounting; Business administration; Economics; Entrepreneurial studies; Finance; Healthcare administration and policy; International business; Management; Management information systems; Marketing; Organizational leadership or behavior; 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 Econ.

NSSE results included in MFR, Part II

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

Related-Major Groups

Self-reported majors (first major given if two were reported) were identified from the survey. Your institution had the option to customize how these were grouped, using up to ten related-major groups. Institutions choosing not to customize their related-major groups 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.

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

Report Sections

Engagement Indicators (pp. 3-7)	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 (p. 8)	Results on student participation in six High-Impact Practices (HIPs). See your <i>High-Impact Practices</i> report for more details.
Frequencies and Statistical Comparisons (pp. 9-44)	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile (pp. 45-51)	Response frequencies for all demographic questions for your institution and your three core comparison groups.

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Overview of Engagement Indicators: Business Econ

University of Minnesota Duluth

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^a 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.

Theme	Engagement Indicator	First-Year Students in Business Econ			Seniors in Business Econ		
		Your first-year students compared with UMD Peers	Your first-year students compared with Competitors	Your first-year students compared with NSSE Carnegie	Your seniors compared with UMD Peers	Your seniors compared with Competitors	Your seniors compared with NSSE Carnegie
Academic Challenge	Higher-Order Learning	--	--	--	--	--	--
	Reflective & Integrative Learning	▽	▽	▽	--	--	--
	Learning Strategies	--	--	▽	--	--	--
	Quantitative Reasoning	--	--	--	--	--	--
Learning with Peers	Collaborative Learning	--	--	--	▲	▲	▲
	Discussions with Diverse Others	--	--	--	▽	--	▽
Experiences with Faculty	Student-Faculty Interaction	--	--	--	--	--	--
	Effective Teaching Practices	--	--	▽	--	--	--
Campus Environment	Quality of Interactions	--	--	--	--	--	--
	Supportive Environment	--	--	--	--	--	--

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Business Econ

University of Minnesota Duluth

First-year students^a in Business Econ

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
UMD (N = 103)	36.0	10.9	1.08	20	30	35	40	55				
UMD Peers	37.3	13.0	.75	15	30	40	45	60	406	-1.3		-.100
Competitors	38.5	14.0	1.15	15	30	40	45	60	246	-2.5		-.191
NSSE Carnegie	37.7	13.9	.57	15	25	40	45	60	165	-1.7		-.125
Reflective & Integrative Learning												
UMD (N = 104)	32.2	10.0	.98	17	26	31	40	49				
UMD Peers	34.7	12.0	.68	20	26	34	43	60	210	-2.5	*	-.212
Competitors	35.2	12.5	1.02	17	26	34	43	60	247	-2.9	*	-.255
NSSE Carnegie	34.7	12.2	.49	17	26	34	43	60	160	-2.5	*	-.211
Learning Strategies												
UMD (N = 103)	34.5	14.6	1.44	13	20	33	40	60				
UMD Peers	37.3	13.6	.77	20	27	40	47	60	409	-2.8		-.201
Competitors	36.6	14.4	1.19	13	27	40	47	60	249	-2.1		-.143
NSSE Carnegie	38.6	13.6	.55	20	27	40	47	60	706	-4.1	**	-.298
Quantitative Reasoning												
UMD (N = 101)	28.7	13.2	1.32	7	20	27	40	53				
UMD Peers	29.4	14.9	.84	7	20	27	40	60	413	-.7		-.049
Competitors	29.3	15.6	1.28	0	20	27	40	60	235	-.6		-.039
NSSE Carnegie	29.8	16.2	.66	0	20	27	40	60	155	-1.1		-.068
Learning with Peers												
Collaborative Learning												
UMD (N = 103)	32.7	11.9	1.17	15	25	35	40	50				
UMD Peers	32.7	13.8	.78	10	20	30	40	60	411	.0		.002
Competitors	31.6	14.4	1.19	10	20	30	40	60	247	1.1		.083
NSSE Carnegie	30.2	13.8	.56	10	20	30	40	55	699	2.6		.189
Discussions with Diverse Others												
UMD (N = 104)	35.2	13.6	1.33	15	25	35	45	60				
UMD Peers	38.3	16.0	.91	15	25	40	50	60	206	-3.1		-.201
Competitors	36.3	15.4	1.29	15	20	40	45	60	237	-1.1		-.077
NSSE Carnegie	37.6	15.5	.63	15	25	40	50	60	153	-2.4		-.160

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Engagement Indicators: Business Econ

University of Minnesota Duluth

First-year students^a in Business Econ

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
UMD (N = 100)	17.9	12.3	1.23	0	10	15	25	40				
UMD Peers	20.3	13.5	.77	0	10	20	30	45	408	-2.5		-.186
Competitors	20.2	13.5	1.10	0	10	20	25	45	247	-2.4		-.183
NSSE Carnegie	20.8	14.4	.59	0	10	20	30	50	700	-3.0		-.210
Effective Teaching Practices												
UMD (N = 104)	37.0	11.3	1.11	20	29	40	44	52				
UMD Peers	38.3	12.5	.70	20	32	40	48	60	416	-1.3		-.109
Competitors	38.8	13.0	1.07	20	28	40	48	60	251	-1.8		-.149
NSSE Carnegie	40.0	13.5	.54	20	32	40	52	60	157	-3.1	*	-.232
Campus Environment												
Quality of Interactions												
UMD (N = 104)	41.7	11.5	1.13	22	36	44	50	60				
UMD Peers	40.5	12.0	.69	20	32	42	50	60	407	1.3		.107
Competitors	40.8	13.3	1.09	16	33	40	50	60	252	.9		.071
NSSE Carnegie	41.9	12.5	.52	20	33	43	52	60	693	-.2		-.013
Supportive Environment												
UMD (N = 104)	34.0	12.3	1.20	15	26	35	40	55				
UMD Peers	36.3	13.3	.76	15	28	38	45	60	413	-2.3		-.173
Competitors	36.1	13.6	1.13	18	25	35	45	60	248	-2.1		-.160
NSSE Carnegie	36.6	14.1	.57	15	28	38	48	60	153	-2.5		-.184

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: Business Econ

University of Minnesota Duluth

Seniors^a in Business Econ

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
UMD (N = 110)	37.5	13.2	1.26	15	30	35	45	60				
UMD Peers	38.2	13.4	.65	20	30	40	45	60	533	-.7		-.052
Competitors	37.8	12.6	.72	20	30	40	45	60	409	-.3		-.023
NSSE Carnegie	39.1	13.6	.39	20	30	40	50	60	1,289	-1.6		-.117
Reflective & Integrative Learning												
UMD (N = 115)	35.6	11.3	1.05	17	29	34	43	54				
UMD Peers	36.2	12.4	.59	14	29	37	43	60	549	-.6		-.049
Competitors	35.3	11.8	.68	17	26	34	43	57	419	.3		.025
NSSE Carnegie	36.3	12.3	.35	17	29	37	43	60	1,325	-.7		-.059
Learning Strategies												
UMD (N = 113)	35.8	16.2	1.52	7	27	40	47	60				
UMD Peers	38.0	14.5	.70	13	27	40	47	60	544	-2.2		-.150
Competitors	38.3	13.6	.79	13	27	40	47	60	175	-2.6		-.181
NSSE Carnegie	38.6	14.9	.43	13	27	40	53	60	1,299	-2.9		-.191
Quantitative Reasoning												
UMD (N = 114)	33.0	16.8	1.58	0	20	33	47	60				
UMD Peers	34.0	15.8	.75	7	20	33	40	60	551	-1.1		-.067
Competitors	32.7	15.4	.88	7	20	33	40	60	416	.3		.019
NSSE Carnegie	31.9	16.0	.46	7	20	33	40	60	1,322	1.1		.067
Learning with Peers												
Collaborative Learning												
UMD (N = 113)	38.4	14.0	1.32	15	25	40	50	60				
UMD Peers	33.7	13.0	.62	15	25	35	40	60	547	4.7	***	.357
Competitors	33.2	13.7	.79	10	25	35	40	60	413	5.2	***	.378
NSSE Carnegie	32.2	13.7	.40	10	25	30	40	60	1,308	6.2	***	.451
Discussions with Diverse Others												
UMD (N = 114)	35.8	15.8	1.48	15	25	35	50	60				
UMD Peers	40.5	15.7	.75	15	30	40	60	60	547	-4.7	**	-.296
Competitors	38.4	16.2	.93	10	25	40	55	60	414	-2.6		-.161
NSSE Carnegie	39.4	16.1	.47	10	30	40	55	60	1,308	-3.5	*	-.219

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Engagement Indicators: Business Econ

University of Minnesota Duluth

Seniors^a in Business Econ

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
UMD (N = 113)	20.8	15.4	1.45	0	5	20	30	45				
UMD Peers	22.7	15.5	.76	0	10	20	35	55	531	-2.0		-.127
Competitors	21.6	14.6	.84	0	10	20	35	45	410	-.9		-.058
NSSE Carnegie	21.3	15.4	.45	0	10	20	30	50	1,301	-.6		-.036
Effective Teaching Practices												
UMD (N = 114)	38.2	11.8	1.11	20	32	40	48	60				
UMD Peers	38.6	13.3	.63	16	30	40	48	60	553	-.4		-.031
Competitors	38.4	12.5	.71	16	32	40	48	60	418	-.2		-.018
NSSE Carnegie	39.6	13.6	.39	16	32	40	52	60	1,326	-1.4		-.103
Campus Environment												
Quality of Interactions												
UMD (N = 109)	41.7	11.2	1.07	20	36	42	50	58				
UMD Peers	40.8	12.5	.61	16	34	42	50	60	532	.9		.073
Competitors	41.6	11.2	.65	22	35	43	50	60	402	.1		.006
NSSE Carnegie	42.8	11.6	.34	22	36	44	50	60	1,253	-1.1		-.099
Supportive Environment												
UMD (N = 115)	30.3	13.6	1.27	8	20	30	40	55				
UMD Peers	32.8	13.1	.63	10	23	33	40	60	549	-2.5		-.191
Competitors	32.7	13.4	.77	10	23	33	40	58	418	-2.4		-.176
NSSE Carnegie	32.6	13.8	.40	10	23	33	40	60	1,319	-2.3		-.168

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

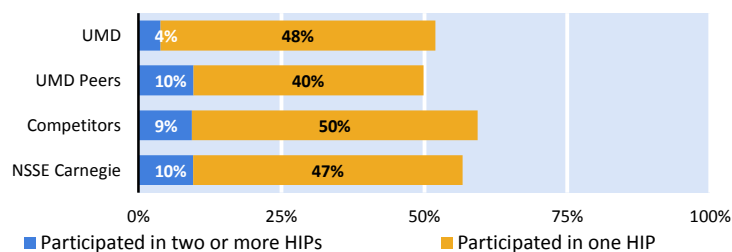
High-Impact Practices: Business Econ

University of Minnesota Duluth

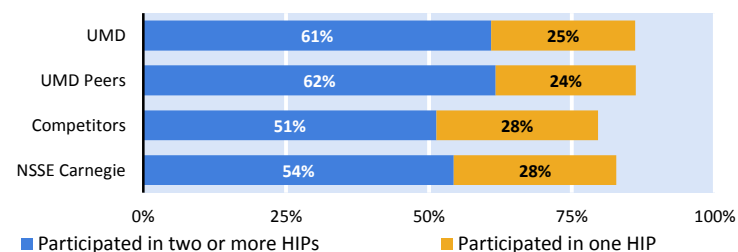
Overall HIP Participation^a

The figures below display the percentage^h of students who participated in High-Impact Practices. Both figures include participation in a learning community, service-learning, 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 of students who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.

First-Year Students in Business Econ



Seniors in Business Econ



Statistical Comparisons^a

The table below compares the percentage^h of your students who participated in a High-Impact Practice, including the percentage who participated overall (at least one, two or more), with those at institutions in your comparison groups.

	UMD		UMD Peers		Competitors		NSSE Carnegie	
<i>First-Year Students in Business Econ</i>	%		% ⁱ	Effect size ^j	% ⁱ	Effect size ^j	% ⁱ	Effect size ^j
11c. Learning community	4		15 **	-.39	11 *	-.27	15 **	-.39
12. Service-learning	51		43	.17	59	-.15	51	.02
11e. Research with faculty	1		3	-.16	4	-.21	4	-.19
Participated in at least one	52		50	.04	59	-.15	57	-.10
Participated in two or more	4		10	-.23	9	-.23	10	-.23
<i>Seniors in Business Econ</i>	%		% ⁱ	Effect size ^j	% ⁱ	Effect size ^j	% ⁱ	Effect size ^j
11c. Learning community	21		22	-.03	17	.11	18	.07
12. Service-learning	62		53	.19	57	.11	57	.11
11e. Research with faculty	11		11	-.03	9	.05	11	-.01
11a. Internship or field exp.	57		54	.08	37 ***	.42	45 *	.24
11d. Study abroad	16		18	-.08	13	.09	12	.12
11f. Culminating senior exp.	25		54 ***	-.60	40 **	-.32	45 ***	-.41
Participated in at least one	86		86	.00	80	.17	83	.09
Participated in two or more	61		62	-.02	51	.19	54	.13

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Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

First-Year Students^a in Business Econ

First-Year Students ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k											
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD	Your first-year students compared with										
Item wording or description	Variable name ⁱ	Values ^m	Response options										Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ
1. During the current school year, about how often have you done the following?																							
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	6	6	11	3	3	2	24	4	2.6	2.7	-.18	2.8 *	-.31	2.8 **	-.28					
		2	Sometimes	47	45	137	43	58	39	221	36												
		3	Often	38	37	102	32	54	36	233	38												
		4	Very often	13	13	65	21	35	23	137	22												
		Total	104	100	315	100	150	100	615	100													
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	17	16	56	18	19	13	87	14	2.4	2.4	-.06	2.7 *	-.31	2.6	-.19					
		2	Sometimes	43	41	123	39	49	33	231	38												
		3	Often	32	31	74	24	42	28	160	26												
		4	Very often	12	12	59	19	38	26	134	22												
		Total	104	100	312	100	148	100	612	100													
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	6	6	20	6	9	6	41	7	3.0	2.9	.03	3.1	-.16	3.0	-.10					
		2	Often	15	15	35	11	14	9	61	10												
		3	Sometimes	59	57	200	64	81	54	336	55												
		4	Never	23	22	57	18	45	30	170	28												
		Total	103	100	312	100	149	100	608	100													
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	47	45	106	34	54	36	233	38	1.8	1.9	-.16	1.9	-.14	1.9	-.13					
		2	Sometimes	36	35	138	44	61	41	230	38												
		3	Often	15	14	50	16	22	15	108	18												
		4	Very often	6	6	20	6	11	7	39	6												
		Total	104	100	314	100	148	100	610	100													
e. Asked another student to help you understand course material	CLaskhelp	1	Never	4	4	20	6	16	11	57	9	2.6	2.6	.00	2.6	-.01	2.5	.12					
		2	Sometimes	45	43	134	43	56	38	274	45												
		3	Often	44	42	115	37	47	32	200	33												
		4	Very often	11	11	46	15	29	20	82	13												
		Total	104	100	315	100	148	100	613	100													
f. Explained course material to one or more students	CLexplain	1	Never	1	1	12	4	8	5	36	6	2.7	2.7	.01	2.7	.02	2.6	.16					
		2	Sometimes	44	42	127	41	58	39	278	46												
		3	Often	44	42	115	37	55	37	203	33												
		4	Very often	15	14	57	18	27	18	90	15												
		Total	104	100	311	100	148	100	607	100													

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

First-Year Students^a in Business Econ

First-Year Students ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		Your first-year students compared with					
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	10	10	34	11	22	15	104	17	2.6	2.6	.04	2.5	.17	2.4 *	Δ	
		2	Sometimes	36	35	124	39	63	42	240	39								
		3	Often	42	40	95	30	39	26	177	29								
		4	Very often	16	15	61	19	26	17	90	15								
		Total	104	100	314	100	150	100	611	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	2	21	7	8	5	48	8	2.6	2.7	-.02	2.6	.07	2.6	.08	
		2	Sometimes	44	43	122	39	69	46	251	41								
		3	Often	46	45	116	37	50	33	224	37								
		4	Very often	11	11	56	18	23	15	89	15								
		Total	103	100	315	100	150	100	612	100									
i. Given a course presentation	present	1	Never	13	13	54	17	22	15	96	16	2.3	2.3	.04	2.4	-.04	2.4	-.05	
		2	Sometimes	48	46	149	47	65	44	259	42								
		3	Often	37	36	72	23	46	31	184	30								
		4	Very often	6	6	40	13	16	11	75	12								
		Total	104	100	315	100	149	100	614	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	9	9	16	5	7	5	43	7	2.5	2.6	-.17	2.8 *	▼	2.6	-.19	
		2	Sometimes	45	43	134	43	57	38	235	38								
		3	Often	40	38	114	36	52	35	229	37								
		4	Very often	10	10	49	16	34	23	105	17								
		Total	104	100	313	100	150	100	612	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	7	7	25	8	12	8	38	6	2.5	2.6	-.17	2.6	-.21	2.6 *	▽	
		2	Sometimes	49	47	128	41	62	41	264	43								
		3	Often	42	40	110	35	46	31	213	35								
		4	Very often	6	6	50	16	30	20	99	16								
		Total	104	100	313	100	150	100	614	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	11	11	18	6	14	9	51	8	2.4	2.6 *	▽	-.28	2.5	-.21	2.5	-.20
		2	Sometimes	51	50	139	45	65	43	278	46								
		3	Often	33	32	107	34	46	31	184	30								
		4	Very often	8	8	48	15	25	17	97	16								
		Total	103	100	312	100	150	100	610	100									

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Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

First-Year Students^a in Business Econ

First-Year Students ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k						
				UMD		UMD Peers		Competitors		NSSE Carnegie		Your first-year students compared with						
												UMD		UMD Peers		Competitors		NSSE Carnegie
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	5	5	16	5	8	5	27	4	2.6	2.7	-.13	2.7	-.09	2.8	-.15
		2	Sometimes	40	39	110	35	51	34	211	35							
		3	Often	46	45	128	41	69	46	257	42							
		4	Very often	12	12	59	19	22	15	115	19							
		Total	103	100	313	100	150	100	610	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	5	5	13	4	3	2	18	3	2.8	2.8	-.03	2.8	-.07	2.8	-.07
		2	Sometimes	29	28	101	32	52	35	205	34							
		3	Often	54	52	134	43	62	41	247	41							
		4	Very often	16	15	65	21	33	22	139	23							
		Total	104	100	313	100	150	100	609	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	4	4	7	2	6	4	14	2	2.7	2.8	-.18	2.8	-.21	2.8	-.17
		2	Sometimes	34	33	109	35	47	32	214	35							
		3	Often	58	56	135	43	62	42	259	43							
		4	Very often	8	8	62	20	34	23	122	20							
		Total	104	100	313	100	149	100	609	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	3	3	2	1	1	1	7	1	2.9	3.0	-.15	3.0	-.19	3.0	-.13
		2	Sometimes	28	27	81	26	36	24	160	26							
		3	Often	50	49	142	46	68	46	277	46							
		4	Very often	22	21	83	27	42	29	164	27							
		Total	103	100	308	100	147	100	608	100								
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	24	23	62	20	26	17	112	18	2.1	2.2	-.13	2.2	-.17	2.3	-.20
		2	Sometimes	50	49	147	47	74	49	282	46							
		3	Often	23	22	81	26	37	25	152	25							
		4	Very often	6	6	24	8	13	9	66	11							
		Total	103	100	314	100	150	100	612	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	50	49	147	47	69	46	284	46	1.8	1.8	-.02	1.8	-.02	1.8	-.06
		2	Sometimes	33	32	105	33	53	35	200	33							
		3	Often	15	15	47	15	21	14	82	13							
		4	Very often	5	5	15	5	7	5	45	7							
		Total	103	100	314	100	150	100	611	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

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				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		Your first-year students compared with				
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	38	38	113	36	45	30	213	35	1.8	1.9	-.10	2.0	-.19	1.9	-.12
		2	Sometimes	43	43	125	40	72	48	256	42							
		3	Often	18	18	57	18	19	13	92	15							
		4	Very often	2	2	17	5	13	9	44	7							
		Total	101	100	312	100	149	100	605	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	29	29	67	21	33	22	143	23	1.9	2.1 *	-.27	2.0	-.15	2.1 *	-.24
		2	Sometimes	52	51	152	49	86	57	290	48							
		3	Often	18	18	74	24	22	15	127	21							
		4	Very often	2	2	19	6	9	6	50	8							
		Total	101	100	312	100	150	100	610	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	3	3	7	2	1	1	20	3	3.0	3.0	.07	3.1	-.06	2.9	.14
		2	Some	19	18	67	21	34	23	155	25							
		3	Quite a bit	53	51	165	53	67	45	289	48							
		4	Very much	28	27	73	23	47	32	144	24							
		Total	103	100	312	100	149	100	608	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	3	3	12	4	7	5	19	3	2.9	2.9	.02	2.9	.01	2.9	.01
		2	Some	24	23	81	26	41	27	168	28							
		3	Quite a bit	57	55	150	48	63	42	276	45							
		4	Very much	20	19	70	22	39	26	145	24							
		Total	104	100	313	100	150	100	608	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	3	3	11	4	5	3	25	4	2.8	2.9	-.18	2.9	-.19	2.9	-.14
		2	Some	32	31	80	26	41	28	171	28							
		3	Quite a bit	55	53	148	47	64	43	260	43							
		4	Very much	14	13	73	23	39	26	150	25							
		Total	104	100	312	100	149	100	606	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	2	2	7	2	3	2	14	2	2.7	2.9	-.19	2.9 *	-.28	2.9 *	-.23
		2	Some	39	38	93	30	43	29	181	30							
		3	Quite a bit	47	46	145	46	63	42	260	43							
		4	Very much	15	15	67	21	41	27	154	25							
		Total	103	100	312	100	150	100	609	100								

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				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	1	14	5	6	4	31	5	2.8	2.8	.00	2.9	-.15	2.8	-.08	
		2	Some	37	36	107	35	41	28	179	29								
		3	Quite a bit	50	48	122	39	64	43	252	41								
		4	Very much	16	15	67	22	38	26	147	24								
		Total	104	100	310	100	149	100	609	100									
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	1	1	3	1	3	2	9	1	3.0	3.1	-.17	3.1	-.08	3.2 *	-0.26	
		2	Some	25	24	59	19	31	21	110	18								
		3	Quite a bit	52	50	153	49	71	47	253	41								
		4	Very much	26	25	100	32	45	30	243	40								
		Total	104	100	315	100	150	100	615	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	2	2	5	2	3	2	23	4	3.0	3.0	.02	3.0	.03	3.1	-.05	
		2	Some	21	20	76	24	38	26	126	21								
		3	Quite a bit	55	53	149	47	66	44	261	43								
		4	Very much	26	25	84	27	42	28	204	33								
		Total	104	100	314	100	149	100	614	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	2	2	8	3	3	2	17	3	2.9	3.0	-.20	3.1	-.24	3.1 *	-0.23	
		2	Some	26	25	65	21	29	19	128	21								
		3	Quite a bit	55	54	146	46	73	49	259	42								
		4	Very much	19	19	96	30	45	30	209	34								
		Total	102	100	315	100	150	100	613	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	10	10	24	8	7	5	39	6	2.8	2.7	.02	2.8	-.10	2.9	-.14	
		2	Some	26	25	109	35	48	33	174	28								
		3	Quite a bit	46	45	104	33	53	36	214	35								
		4	Very much	21	20	76	24	39	27	184	30								
		Total	103	100	313	100	147	100	611	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	10	10	33	11	10	7	49	8	2.6	2.7	-.07	2.7	-.14	2.8 *	-0.21	
		2	Some	36	35	99	32	52	35	185	30								
		3	Quite a bit	43	41	117	38	54	36	219	36								
		4	Very much	15	14	63	20	32	22	159	26								
		Total	104	100	312	100	148	100	612	100									

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				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		Your first-year students compared with					
		UMD Peers												Competitors		NSSE Carnegie			
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	7	7	20	6	13	9	55	9	2.7	2.6	.04	2.6	.07	2.7	.01	
		2	Sometimes	35	34	126	40	53	35	214	35								
		3	Often	47	46	118	38	65	43	231	38								
		4	Very often	14	14	50	16	19	13	112	18								
		Total	103	100	314	100	150	100	612	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	12	12	44	14	25	17	99	16	2.4	2.4	.00	2.4	.00	2.5	-.02	
		2	Sometimes	42	41	133	42	52	35	236	38								
		3	Often	39	38	93	30	55	37	179	29								
		4	Very often	9	9	45	14	18	12	100	16								
		Total	102	100	315	100	150	100	614	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	18	17	49	16	31	21	109	18	2.3	2.3	-.11	2.3	-.09	2.4	-.12	
		2	Sometimes	49	47	142	45	52	35	243	40								
		3	Often	30	29	92	29	50	34	183	30								
		4	Very often	7	7	32	10	15	10	73	12								
		Total	104	100	315	100	148	100	608	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	2	2	21	7	6	4	38	6	5.9	6.5	-.11	6.7	-.14	6.4	-.08	
		1.5	1-2	25	25	51	16	27	18	128	21								
		4	3-5	33	33	105	34	47	32	186	31								
		8	6-10	26	26	74	24	39	27	142	24								
		13	11-15	9	9	37	12	15	10	61	10								
		18	16-20	3	3	11	4	7	5	23	4								
		23	More than 20	2	2	11	4	5	3	25	4								
		Total	100	100	310	100	146	100	603	100									
b. Between 6 and 10 pages	wrmednum (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	40	41	118	40	46	33	222	38	1.2	1.8 **	-.24	2.4 ***	-.43	1.8 **	-.24	
		1.5	1-2	50	51	119	40	52	38	233	40								
		4	3-5	5	5	39	13	25	18	94	16								
		8	6-10	3	3	16	5	11	8	24	4								
		13	11-15	0	0	3	1	3	2	5	1								
		18	16-20	0	0	2	1	0	0	1	0								
		23	More than 20	0	0	0	0	1	1	3	1								
		Total	98	100	297	100	138	100	582	100									

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Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. 11 pages or more	wrlongnum	0	None	80	81	239	82	101	75	441	77	.6	.7	-.05	1.0	-.18	.7	-.06
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	15	15	36	12	21	16	99	17							
		4	3-5	2	2	7	2	4	3	19	3							
		8	6-10	1	1	5	2	6	4	9	2							
		13	11-15	0	0	3	1	3	2	5	1							
		18	16-20	1	1	1	0	0	0	0	0							
		23	More than 20	0	0	1	0	0	0	2	0							
		Total		99	100	292	100	135	100	575	100							
Estimated number of assigned pages of student writing.	wrpages											31.8	42.4 *	-.22	52.0 **	-.40	42.0 **	-.21
(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		
8. During the current school year, about how often have you had discussions with people from the following groups?																		
a. People of a race or ethnicity other than your own	DDrace	1	Never	9	9	17	5	12	8	28	5	2.6	3.0 ***	-.41	2.7	-.15	2.9 ***	-.39
		2	Sometimes	44	42	90	29	51	34	191	31							
		3	Often	32	31	91	29	52	35	186	30							
		4	Very often	19	18	114	37	34	23	209	34							
		Total	104	100	312	100	149	100	614	100								
b. People from an economic background other than your own	DDeconomic	1	Never	6	6	19	6	7	5	31	5	2.8	2.9	-.14	2.9	-.06	2.9	-.14
		2	Sometimes	29	28	81	26	46	31	162	26							
		3	Often	46	44	109	35	52	35	229	37							
		4	Very often	23	22	103	33	42	29	191	31							
		Total	104	100	312	100	147	100	613	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	4	4	24	8	8	5	42	7	2.7	2.9	-.13	2.9	-.14	2.8	-.08
		2	Sometimes	42	40	91	29	46	31	206	34							
		3	Often	36	35	104	33	53	36	194	32							
		4	Very often	22	21	93	30	40	27	171	28							
		Total	104	100	312	100	147	100	613	100								
d. People with political views other than your own	DDpolitical	1	Never	4	4	20	6	9	6	44	7	2.9	2.9	.00	2.8	.07	2.8	.05
		2	Sometimes	28	27	94	30	48	33	183	30							
		3	Often	47	45	97	31	47	32	207	34							
		4	Very often	25	24	100	32	42	29	178	29							
		Total	104	100	311	100	146	100	612	100								

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Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	1	1	4	1	5	3	5	1	2.9	3.0	-.16	3.0	-.19	3.1 *	- .24
		2	Sometimes	32	31	72	23	30	20	142	23							
		3	Often	48	46	152	49	69	46	268	44							
		4	Very often	23	22	84	27	46	31	198	32							
		Total	104	100	312	100	150	100	613	100								
b. Reviewed your notes after class	LSnotes	1	Never	13	13	13	4	8	5	19	3	2.7	2.8	-.19	2.8	-.13	2.9 **	- .32
		2	Sometimes	32	31	107	34	55	37	192	31							
		3	Often	36	35	116	37	50	33	219	36							
		4	Very often	22	21	75	24	37	25	184	30							
		Total	103	100	311	100	150	100	614	100								
c. Summarized what you learned in class or from course materials	LSSummary	1	Never	6	6	17	6	15	10	30	5	2.6	2.8	-.15	2.7	-.04	2.8	- .20
		2	Sometimes	44	42	111	36	50	34	217	36							
		3	Often	37	36	112	36	53	36	206	34							
		4	Very often	17	16	69	22	30	20	153	25							
		Total	104	100	309	100	148	100	606	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																		
challenge		1	Not at all	0	0	1	0	1	1	3	0	5.3	5.5	-.13	5.3	.05	5.4	- .12
		2		2	2	4	1	2	1	4	1							
		3		8	8	18	6	8	5	33	5							
		4		6	6	18	6	19	13	43	7							
		5		39	38	113	36	55	37	225	37							
		6		35	34	103	33	44	30	200	33							
		7	Very much	13	13	56	18	20	13	104	17							
		Total	103	100	313	100	149	100	612	100								
11. Which of the following have you done or do you plan to do before you graduate? ^o																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		8	8	25	8	17	11	61	10	9%	6%	.10	8%	.02	7%	.07
		Do not plan to do		3	3	12	4	13	9	40	7							
		Plan to do		84	81	255	82	108	72	472	77							
		Done or in progress		9	9	19	6	12	8	42	7							
		Total		104	100	311	100	150	100	615	100							
		(Means indicate the percentage who responded "Done or in progress.")																

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											Your first-year students compared with					
			UMD		UMD Peers		Competitors		NSSE Carnegie		UMD	UMD Peers		Competitors	NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ
b. Hold a formal leadership role in a student organization or group	leader (Means indicate the percentage who responded "Done or in progress.")		Have not decided	28	27	74	24	35	24	153	25	11%	12%	-.03	11%	-.03
			Do not plan to do	18	17	52	17	32	22	154	25					
			Plan to do	47	45	148	48	64	43	234	38					
			Done or in progress	11	11	36	12	17	11	69	11					
			Total	104	100	310	100	148	100	610	100					
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom (Means indicate the percentage who responded "Done or in progress.")		Have not decided	39	38	110	35	49	33	175	29	4%	15% ** ▼	-.39	11% * ▼	-.27
			Do not plan to do	29	28	87	28	45	30	197	32					
			Plan to do	32	31	69	22	40	27	150	25					
			Done or in progress	4	4	46	15	16	11	90	15					
			Total	104	100	312	100	150	100	612	100					
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")		Have not decided	26	25	76	24	41	27	173	28	3%	5%	-.08	8%	-.23
			Do not plan to do	22	21	67	22	41	27	198	32					
			Plan to do	52	50	154	50	56	37	221	36					
			Done or in progress	3	3	14	5	12	8	22	4					
			Total	103	100	311	100	150	100	614	100					
e. Work with a faculty member on a research project	research (Means indicate the percentage who responded "Done or in progress.")		Have not decided	39	38	124	40	51	35	236	39	1%	3%	-.16	4%	-.21
			Do not plan to do	32	31	106	34	53	36	208	34					
			Plan to do	31	30	69	22	36	25	139	23					
			Done or in progress	1	1	10	3	6	4	22	4					
			Total	103	100	309	100	146	100	605	100					
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone (Means indicate the percentage who responded "Done or in progress.")		Have not decided	45	43	112	36	51	34	207	34	2%	3%	-.04	4%	-.13
			Do not plan to do	11	11	33	11	20	13	74	12					
			Plan to do	46	44	157	51	72	48	315	52					
			Done or in progress	2	2	8	3	6	4	13	2					
			Total	104	100	310	100	149	100	609	100					

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

servcourse	1	None	50	49	177	57	60	41	299	49	1.6	1.5	.18	1.6	-.03	1.6	.02
	2	Some	45	44	115	37	80	55	259	43							
	3	Most	6	6	16	5	6	4	42	7							
	4	All	2	2	2	1	0	0	6	1							
	Total		103	100	310	100	146	100	606	100							

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

First-Year Students^a in Business Econ

First-Year Students ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k						
				UMD		UMD Peers		Competitors		NSSE Carnegie		Your first-year students compared with						
												UMD	UMD Peers	Competitors	NSSE Carnegie			
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	1	1	4	1	4	3	7	1	5.7	5.5	.14	5.4	.24	5.5	.17
		2		1	1	8	3	5	3	14	2							
		3		4	4	14	4	10	7	35	6							
		4		6	6	33	11	21	14	68	11							
		5		26	25	77	25	28	19	153	25							
		6		36	35	85	27	37	25	163	27							
		7	Excellent	29	28	90	29	45	30	169	28							
		—	Not applicable	1	1	2	1	0	0	4	1							
		Total		104	100	313	100	150	100	613	100							
b. Academic advisors	QIadvisor	1	Poor	4	4	9	3	4	3	14	2	5.1	5.1	-.03	5.1	-.05	5.3	-.14
		2		6	6	17	5	6	4	35	6							
		3		8	8	24	8	15	10	44	7							
		4		17	16	51	16	23	15	81	13							
		5		20	19	67	21	31	21	116	19							
		6		25	24	56	18	31	21	116	19							
		7	Excellent	24	23	82	26	39	26	196	32							
		—	Not applicable	0	0	7	2	1	1	11	2							
		Total		104	100	313	100	150	100	613	100							
c. Faculty	QIfaculty	1	Poor	2	2	8	3	5	3	8	1	5.1	5.0	.07	5.1	-.02	5.2	-.09
		2		3	3	12	4	6	4	25	4							
		3		6	6	27	9	18	12	56	9							
		4		18	17	50	16	19	13	73	12							
		5		32	31	95	31	28	19	161	27							
		6		28	27	70	23	30	20	136	22							
		7	Excellent	14	14	48	15	40	27	142	23							
		—	Not applicable	0	0	1	0	2	1	5	1							
		Total		103	100	311	100	148	100	606	100							

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Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

First-Year Students^a in Business Econ

First-Year Students ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k						
													Your first-year students compared with					
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD	UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	2	2	12	4	6	4	23	4	5.0	4.9	.09	4.9	.09	5.0	.01
		2		5	5	20	6	11	7	32	5							
		3		13	13	18	6	9	6	51	8							
		4		11	11	56	18	29	19	77	13							
		5		23	22	71	23	31	21	132	22							
		6		35	34	76	24	28	19	129	21							
		7	Excellent	15	14	48	15	31	21	129	21							
		—	Not applicable	0	0	12	4	4	3	39	6							
		Total		104	100	313	100	149	100	612	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	2	2	19	6	9	6	28	5	5.0	4.7	.14	4.9	.04	5.0	-.01
		2		4	4	20	6	8	5	43	7							
		3		13	13	21	7	12	8	43	7							
		4		17	16	54	17	26	17	84	14							
		5		22	21	71	23	25	17	128	21							
		6		30	29	59	19	38	25	120	20							
		7	Excellent	14	13	45	14	28	19	135	22							
		—	Not applicable	2	2	23	7	4	3	29	5							
		Total		104	100	312	100	150	100	610	100							
14. How much does your institution emphasize the following?																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	1	1	2	1	1	1	12	2	3.2	3.1	.06	3.1	.05	3.1	.01
		2	Some	16	15	61	20	27	18	109	18							
		3	Quite a bit	53	51	150	48	72	49	265	43							
		4	Very much	34	33	99	32	46	32	224	37							
		Total		104	100	312	100	146	100	610	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	6	6	18	6	4	3	30	5	2.9	3.0	-.10	2.9	.01	3.0	-.10
		2	Some	21	20	58	19	43	30	136	22							
		3	Quite a bit	51	49	134	43	57	40	232	38							
		4	Very much	26	25	100	32	40	28	210	35							
		Total		104	100	310	100	144	100	608	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	9	9	13	4	6	4	43	7	2.8	3.1 **	-.31	3.0 *	-.26	3.1 **	-.29
		2	Some	27	26	62	20	34	23	106	17							
		3	Quite a bit	43	41	122	40	55	38	223	37							
		4	Very much	25	24	111	36	51	35	234	39							
		Total		104	100	308	100	146	100	606	100							

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

First-Year Students^a in Business Econ

First-Year Students ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k							
														Your first-year students compared with					
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	16	15	43	14	16	11	74	12	2.5	2.6	-.12	2.6	-.12	2.7	-.20	
		2	Some	34	33	98	32	54	37	181	30								
		3	Quite a bit	38	37	99	32	43	29	198	33								
		4	Very much	16	15	71	23	33	23	154	25								
		Total	104	100	311	100	146	100	607	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	5	5	13	4	6	4	38	6	2.9	3.0	-.08	2.9	-.03	3.0	-.07	
		2	Some	22	21	78	25	42	29	140	23								
		3	Quite a bit	54	52	127	41	54	37	238	39								
		4	Very much	22	21	94	30	44	30	193	32								
		Total	103	100	312	100	146	100	609	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	7	7	15	5	8	6	44	7	2.9	3.0	-.12	3.0	-.10	3.0	-.10	
		2	Some	25	24	74	24	36	25	139	23								
		3	Quite a bit	46	45	126	41	55	38	227	37								
		4	Very much	25	24	95	31	45	31	197	32								
		Total	103	100	310	100	144	100	607	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	18	17	63	20	25	17	110	18	2.4	2.4	-.03	2.5	-.11	2.5	-.12	
		2	Some	40	38	112	36	55	38	206	34								
		3	Quite a bit	37	36	89	29	40	27	182	30								
		4	Very much	9	9	47	15	26	18	107	18								
		Total	104	100	311	100	146	100	605	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	5	5	19	6	8	5	43	7	2.8	2.9	-.12	2.9	-.09	2.9	-.07	
		2	Some	33	32	83	27	42	29	172	28								
		3	Quite a bit	44	43	122	39	58	40	225	37								
		4	Very much	21	20	87	28	38	26	167	28								
		Total	103	100	311	100	146	100	607	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	14	14	39	13	12	8	73	12	2.4	2.6	-.14	2.6	-.23	2.6	-.16	
		2	Some	39	39	108	35	54	37	220	36								
		3	Quite a bit	37	37	109	35	52	36	192	32								
		4	Very much	11	11	53	17	27	19	120	20								
		Total	101	100	309	100	145	100	605	100									

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University of Minnesota Duluth

First-Year Students^a in Business Econ

First-Year Students ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		Your first-year students compared with					
														UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmpprephrs	0	0 hrs	0	0	2	1	2	1	2	0	14.4	13.9	.06	13.0	.19	12.8 *	.22	
	(Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	12	33	11	22	15	108	18								
	8	6-10 hrs	23	22	76	24	39	26	156	25									
	13	11-15 hrs	23	22	87	28	38	26	143	23									
	18	16-20 hrs	26	25	61	20	24	16	113	18									
	23	21-25 hrs	11	11	27	9	12	8	51	8									
	28	26-30 hrs	4	4	10	3	5	3	24	4									
	33	More than 30 hrs	4	4	15	5	6	4	16	3									
	Total	103	100	311	100	148	100	613	100										
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	18	18	62	20	43	29	198	32	6.8	6.7	.01	4.9 *	.30	5.3 *	.24	
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	40	39	119	39	62	42	214	35								
	8	6-10 hrs	24	24	57	18	20	14	97	16									
	13	11-15 hrs	8	8	33	11	10	7	50	8									
	18	16-20 hrs	5	5	19	6	10	7	28	5									
	23	21-25 hrs	4	4	12	4	3	2	17	3									
	28	26-30 hrs	0	0	2	1	0	0	1	0									
	33	More than 30 hrs	3	3	5	2	0	0	7	1									
	Total	102	100	309	100	148	100	612	100										
c. Working for pay on campus	tmworkonhrs	0	0 hrs	86	83	252	81	118	79	481	79	2.0	2.1	-.01	2.5	-.10	2.3	-.06	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	1	7	2	3	2	23	4								
	8	6-10 hrs	8	8	20	6	9	6	40	7									
	13	11-15 hrs	3	3	25	8	10	7	36	6									
	18	16-20 hrs	3	3	6	2	8	5	20	3									
	23	21-25 hrs	2	2	0	0	1	1	5	1									
	28	26-30 hrs	0	0	1	0	0	0	1	0									
	33	More than 30 hrs	0	0	0	0	0	0	2	0									
	Total	103	100	311	100	149	100	608	100										

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Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

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First-Year Students ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		Your first-year students compared with					
														UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	82	80	189	61	97	66	319	52	3.2	5.8 ** ▼	-.30	5.7 * ▼	-.29	8.7 *** ▼	-.51	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	1	15	5	4	3	28	5								
	8	6-10 hrs	5	5	28	9	8	5	40	7									
	13	11-15 hrs	1	1	26	8	12	8	38	6									
	18	16-20 hrs	7	7	23	7	6	4	70	12									
	23	21-25 hrs	5	5	14	5	13	9	46	8									
	28	26-30 hrs	0	0	9	3	5	3	26	4									
	33	More than 30 hrs	1	1	6	2	2	1	41	7									
	Total			102	100	310	100	147	100	608	100								
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											5.2 ▼	7.8 * ▼	-.26	8.2 * ▼	-.28	11.0 *** ▼	-.50	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	61	60	172	56	87	59	342	57	2.4	2.7	-.06	2.5	-.02	2.2	.06	
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	31	30	91	30	43	29	195	32								
	8	6-10 hrs	4	4	20	7	8	5	39	6									
	13	11-15 hrs	1	1	13	4	3	2	16	3									
	18	16-20 hrs	2	2	8	3	5	3	10	2									
	23	21-25 hrs	2	2	0	0	1	1	2	0									
	28	26-30 hrs	1	1	1	0	1	1	0	0									
	33	More than 30 hrs	0	0	2	1	0	0	0	0									
	Total			102	100	307	100	148	100	604	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	2	1	0	3	2	7	1	15.7	14.1	.19	14.3	.17	12.9 ** ▲	.34	
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	5	45	15	23	16	120	20								
	8	6-10 hrs	20	20	68	22	24	16	150	25									
	13	11-15 hrs	29	28	77	25	39	27	134	22									
	18	16-20 hrs	21	21	55	18	25	17	89	15									
	23	21-25 hrs	14	14	37	12	18	12	55	9									
	28	26-30 hrs	3	3	3	1	5	3	20	3									
	33	More than 30 hrs	8	8	23	7	10	7	33	5									
	Total			102	100	309	100	147	100	608	100								

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University of Minnesota Duluth

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				UMD		UMD Peers		Competitors		NSSE Carnegie		Your first-year students compared with						
												UMD	UMD Peers	Competitors	NSSE Carnegie			
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	85	83	261	85	110	75	444	74	1.6	1.5	.02	2.1	-.10	2.8 *	▽
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	10	10	16	5	18	12	70	12							
	8	6-10 hrs	1	1	10	3	6	4	28	5								
	13	11-15 hrs	2	2	11	4	5	3	26	4								
	18	16-20 hrs	3	3	5	2	5	3	11	2								
	23	21-25 hrs	2	2	0	0	2	1	3	0								
	28	26-30 hrs	0	0	1	0	0	0	2	0								
	33	More than 30 hrs	0	0	2	1	0	0	18	3								
	Total		103	100	306	100	146	100	602	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	54	52	114	37	37	25	180	30	2.6	3.4	-.19	5.1 ***	-.43	4.1 **	▽
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	35	34	139	45	72	48	289	47							
	8	6-10 hrs	10	10	34	11	21	14	83	14								
	13	11-15 hrs	0	0	13	4	8	5	33	5								
	18	16-20 hrs	2	2	10	3	4	3	14	2								
	23	21-25 hrs	2	2	0	0	3	2	4	1								
	28	26-30 hrs	0	0	0	0	1	1	1	0								
	33	More than 30 hrs	0	0	1	0	3	2	5	1								
	Total		103	100	311	100	149	100	609	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	1	Very little	9	9	31	10	11	8	68	11	2.7	2.8	-.09	2.9	-.24	2.7	-.05	
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	48	47	107	35	41	28	204								34
	3	About half	22	21	95	31	49	34	195	32								
	4	Most	16	16	58	19	36	25	112	18								
	5	Almost all	8	8	19	6	8	6	29	5								
	Total		103	100	310	100	145	100	608	100								
tmreadinghrs												5.8	6.5	-.12	6.5	-.13	5.9	-.01
(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)																		

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													Your first-year students compared with					
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD	UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
	tmreadinghrscol	1	0 hrs	0	0	2	1	1	1	2	0							
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	60	59	157	51	68	47	337	56							
		3	More than 5, up to 10 hrs	28	27	92	30	51	35	174	29							
		4	More than 10, up to 15 hrs	6	6	27	9	15	10	53	9							
		5	More than 15, up to 20 hrs	6	6	19	6	4	3	19	3							
		6	More than 20, up to 25 hrs	2	2	9	3	3	2	17	3							
		7	More than 25 hrs	0	0	1	0	2	1	4	1							
		Total		102	100	307	100	144	100	606	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	8	8	19	6	8	5	33	5	2.7	2.8	-.17	2.8	-.15	2.9 *	-21 ▽
		2	Some	34	33	81	26	44	29	149	24							
		3	Quite a bit	42	41	144	46	64	43	292	48							
		4	Very much	19	18	70	22	34	23	139	23							
		Total		103	100	314	100	150	100	613	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	7	7	30	10	14	9	50	8	2.7	2.7	-.02	2.7	-.05	2.8	-14
		2	Some	33	32	93	30	47	31	167	27							
		3	Quite a bit	49	47	128	41	53	35	238	39							
		4	Very much	15	14	63	20	36	24	155	25							
		Total		104	100	314	100	150	100	610	100							
c. Thinking critically and analytically	pgthink	1	Very little	3	3	5	2	1	1	17	3	3.0	3.1	-.13	3.0	-.09	3.1	-12
		2	Some	26	25	62	20	32	21	117	19							
		3	Quite a bit	45	43	150	48	76	51	278	46							
		4	Very much	30	29	97	31	41	27	197	32							
		Total		104	100	314	100	150	100	609	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	10	10	24	8	9	6	43	7	2.7	2.9 *	-23 ▽	2.7	-.05	2.8	-15
		2	Some	35	34	73	23	49	34	185	30							
		3	Quite a bit	40	38	140	45	65	45	243	40							
		4	Very much	19	18	76	24	23	16	141	23							
		Total		104	100	313	100	146	100	612	100							

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

First-Year Students^a in Business Econ

First-Year Students ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k						
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD	Your first-year students compared with					
													UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	10	10	38	12	23	16	66	11	2.5	2.7	-.18	2.5	-.02	2.7 *	-0.24
		2	Some	43	41	88	28	50	34	176	29							
		3	Quite a bit	38	37	124	39	48	32	220	36							
		4	Very much	13	13	64	20	27	18	150	25							
		Total	104	100	314	100	148	100	612	100								
f. Working effectively with others	pgothers	1	Very little	6	6	15	5	13	9	32	5	2.7	2.8	-.14	2.7	.02	2.9	-.19
		2	Some	34	33	90	29	47	32	162	27							
		3	Quite a bit	45	44	137	44	58	39	259	42							
		4	Very much	18	17	70	22	30	20	158	26							
		Total	103	100	312	100	148	100	611	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	12	12	44	14	16	11	59	10	2.6	2.6	.04	2.6	.04	2.7	-0.06
		2	Some	33	32	95	30	57	38	195	32							
		3	Quite a bit	39	38	114	37	45	30	227	37							
		4	Very much	20	19	59	19	31	21	129	21							
		Total	104	100	312	100	149	100	610	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	12	12	24	8	19	13	60	10	2.6	2.7	-.10	2.7	-.02	2.8	-.13
		2	Some	34	33	101	32	48	32	187	31							
		3	Quite a bit	36	35	124	39	47	32	206	34							
		4	Very much	21	20	65	21	35	23	160	26							
		Total	103	100	314	100	149	100	613	100								
i. Solving complex real- world problems	pgprobsolve	1	Very little	7	7	35	11	19	13	67	11	2.6	2.6	.03	2.6	.01	2.6	-0.06
		2	Some	45	43	116	37	50	34	209	34							
		3	Quite a bit	36	35	111	36	52	35	211	35							
		4	Very much	16	15	50	16	26	18	124	20							
		Total	104	100	312	100	147	100	611	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	7	7	35	11	17	11	65	11	2.5	2.6	-.14	2.6	-.07	2.6	-.17
		2	Some	52	50	105	34	60	41	202	33							
		3	Quite a bit	30	29	114	37	42	28	222	37							
		4	Very much	14	14	57	18	29	20	117	19							
		Total	103	100	311	100	148	100	606	100								

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				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		Your first-year students compared with					
														UMD Peers	Competitors	NSSE Carnegie			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	1	1	6	2	3	2	12	2	3.1	3.1	-.04	3.1	-.02	3.2	-.07	
		2	Fair	13	13	41	13	19	13	83	14								
		3	Good	64	62	170	54	84	56	316	52								
		4	Excellent	26	25	95	30	43	29	201	33								
		Total		104	100	312	100	149	100	612	100								
19. If you could start over again, would you go to the <i>same institution</i> you are now attending?																			
	sameinst	1	Definitely no	5	5	10	3	4	3	26	4	2.9	3.2 **	-.32	3.0	-.08	3.2 **	-.28	
		2	Probably no	19	18	50	16	32	21	85	14								
		3	Probably yes	57	55	123	39	73	49	265	43								
		4	Definitely yes	23	22	132	42	41	27	240	39								
		Total		104	100	315	100	150	100	616	100								

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Seniors ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k						
				UMD		UMD Peers		Competitors		NSSE Carnegie		Your seniors compared with						
												UMD	UMD Peers	Competitors	NSSE Carnegie			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	2	2	10	2	6	2	23	2	2.8	3.0	-.20	3.0 *	-.28	3.1 ***	-.39
		2	Sometimes	45	39	143	32	87	28	288	24							
		3	Often	41	36	137	31	106	35	425	35							
		4	Very often	26	23	151	34	108	35	479	39							
		Total	114	100	441	100	307	100	1,215	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	22	19	118	27	76	25	260	21	2.3	2.2	.12	2.2	.08	2.4	-.04
		2	Sometimes	46	40	165	38	124	40	452	37							
		3	Often	35	30	105	24	63	21	307	25							
		4	Very often	12	10	52	12	44	14	196	16							
		Total	115	100	440	100	307	100	1,215	100								
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	16	14	30	7	13	4	83	7	2.6	2.9 *	-.29	3.0 ***	-.47	3.0 ***	-.42
		2	Often	31	27	83	19	53	17	193	16							
		3	Sometimes	48	42	250	57	163	53	617	51							
		4	Never	19	17	77	18	79	26	320	26							
		Total	114	100	440	100	308	100	1,213	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	63	55	204	46	159	52	682	56	1.6	1.7	-.15	1.7	-.09	1.6	-.01
		2	Sometimes	39	34	177	40	108	35	384	32							
		3	Often	11	10	45	10	25	8	99	8							
		4	Very often	2	2	13	3	14	5	45	4							
		Total	115	100	439	100	306	100	1,210	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	5	4	41	9	26	8	168	14	2.8	2.4 ***	.40	2.5 ***	.39	2.4 ***	.50
		2	Sometimes	39	34	216	49	148	48	589	49							
		3	Often	47	41	125	29	95	31	312	26							
		4	Very often	24	21	56	13	37	12	141	12							
		Total	115	100	438	100	306	100	1,210	100								
f. Explained course material to one or more students	CLexplain	1	Never	2	2	19	4	15	5	72	6	2.9	2.8	.17	2.7 *	.22	2.6 **	.30
		2	Sometimes	33	29	155	35	117	38	497	41							
		3	Often	52	46	176	40	111	36	426	35							
		4	Very often	26	23	90	20	62	20	216	18							
		Total	113	100	440	100	305	100	1,211	100								

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				UMD		UMD Peers		Competitors		NSSE Carnegie		Your seniors compared with						
												UMD		UMD Peers		Competitors		NSSE Carnegie
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	12	10	65	15	52	17	258	21	2.7	2.4 ** ▲	.29	2.4 ** ▲	.32	2.4 *** ▲	.38
		2	Sometimes	38	33	182	41	117	38	450	37							
		3	Often	35	30	123	28	93	30	320	26							
		4	Very often	30	26	69	16	44	14	184	15							
		Total	115	100	439	100	306	100	1,212	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	2	14	3	13	4	51	4	3.3	3.1 * ▲	.27	3.0 ** ▲	.30	3.1 * ▲	.25
		2	Sometimes	17	15	95	22	72	24	253	21							
		3	Often	41	36	175	40	110	36	456	37							
		4	Very often	55	48	157	36	111	36	458	38							
		Total	115	100	441	100	306	100	1,218	100								
i. Given a course presentation	present	1	Never	6	5	25	6	30	10	100	8	3.2	3.0 ** ▲	.29	2.8 *** ▲	.46	2.9 *** ▲	.34
		2	Sometimes	13	11	111	25	93	31	318	26							
		3	Often	45	39	158	36	94	31	395	33							
		4	Very often	50	44	144	33	87	29	399	33							
		Total	114	100	438	100	304	100	1,212	100								
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	1	1	11	3	8	3	34	3	3.0	3.0	.07	2.9	.11	3.0	.06
		2	Sometimes	28	25	120	27	84	27	309	25							
		3	Often	53	46	181	41	135	44	531	44							
		4	Very often	32	28	126	29	79	26	338	28							
		Total	114	100	438	100	306	100	1,212	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	5	4	22	5	12	4	68	6	2.7	2.8	-.03	2.7	.09	2.8	-.02
		2	Sometimes	41	36	154	35	122	40	413	34							
		3	Often	47	41	166	38	122	40	478	40							
		4	Very often	21	18	93	21	46	15	248	21							
		Total	114	100	435	100	302	100	1,207	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	14	12	57	13	50	16	157	13	2.4	2.4	-.03	2.3	.09	2.5	-.09
		2	Sometimes	56	49	196	45	140	46	495	41							
		3	Often	29	25	129	29	83	27	384	32							
		4	Very often	15	13	56	13	31	10	173	14							
		Total	114	100	438	100	304	100	1,209	100								

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Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	7	6	25	6	20	7	57	5	2.6	2.7	-.11	2.7	-.08	2.7	-.14
		2	Sometimes	46	40	161	37	109	36	435	36							
		3	Often	46	40	169	39	125	41	502	41							
		4	Very often	16	14	82	19	52	17	218	18							
		Total	115	100	437	100	306	100	1,212	100								
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	2	2	17	4	14	5	42	3	2.9	2.8	.02	2.8	.10	2.8	.03
		2	Sometimes	32	28	134	31	100	33	371	31							
		3	Often	60	53	183	42	123	41	539	45							
		4	Very often	20	18	100	23	62	21	254	21							
		Total	114	100	434	100	299	100	1,206	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	3	3	10	2	5	2	33	3	2.8	2.9	-.11	2.9	-.12	2.8	-.07
		2	Sometimes	37	32	140	32	93	31	386	32							
		3	Often	57	50	182	42	142	47	540	45							
		4	Very often	18	16	103	24	64	21	251	21							
		Total	115	100	435	100	304	100	1,210	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	1	4	1	3	1	16	1	3.1	3.1	-.06	3.1	-.05	3.1	-.08
		2	Sometimes	24	21	94	22	64	21	235	20							
		3	Often	57	50	191	44	139	46	547	46							
		4	Very often	32	28	144	33	97	32	404	34							
		Total	114	100	433	100	303	100	1,202	100								
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	28	25	82	19	60	20	254	21	2.3	2.3	-.10	2.3	.00	2.3	-.04
		2	Sometimes	41	36	183	42	140	46	499	41							
		3	Often	33	29	104	24	70	23	293	24							
		4	Very often	12	11	64	15	34	11	159	13							
		Total	114	100	433	100	304	100	1,205	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	57	50	169	39	123	40	572	48	1.8	2.0 *	-.24	1.9	-.17	1.9	-.12
		2	Sometimes	30	27	133	31	100	33	313	26							
		3	Often	20	18	81	19	59	19	180	15							
		4	Very often	6	5	48	11	23	8	134	11							
		Total	113	100	431	100	305	100	1,199	100								

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Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	35	31	112	26	94	31	386	32	2.1	2.1	-.01	2.0	.05	2.0	.08
		2	Sometimes	42	37	205	48	126	41	514	43							
		3	Often	29	26	80	19	68	22	216	18							
		4	Very often	7	6	33	8	17	6	85	7							
		Total	113	100	430	100	305	100	1,201	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	34	30	109	26	73	24	336	28	2.0	2.1	-.09	2.1	-.09	2.1	-.05
		2	Sometimes	47	42	188	44	135	45	518	43							
		3	Often	25	22	92	22	74	25	239	20							
		4	Very often	7	6	35	8	18	6	103	9							
		Total	113	100	424	100	300	100	1,196	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	2	2	24	5	14	5	65	5	3.0	2.8 *	.22	2.9	.17	2.8 **	.26
		2	Some	23	20	124	28	75	25	378	31							
		3	Quite a bit	59	52	186	42	146	48	491	40							
		4	Very much	30	26	105	24	70	23	279	23							
		Total	114	100	439	100	305	100	1,213	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	2	8	2	4	1	31	3	3.0	3.1	-.07	3.0	-.05	3.1	-.08
		2	Some	23	20	85	19	63	21	226	19							
		3	Quite a bit	61	54	219	50	155	51	580	48							
		4	Very much	27	24	125	29	82	27	364	30							
		Total	113	100	437	100	304	100	1,201	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	6	5	17	4	12	4	41	3	3.0	3.0	.04	2.9	.07	3.0	-.02
		2	Some	21	19	105	24	68	22	267	22							
		3	Quite a bit	54	48	192	44	150	50	546	45							
		4	Very much	32	28	121	28	73	24	353	29							
		Total	113	100	435	100	303	100	1,207	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	10	9	26	6	14	5	48	4	2.8	2.8	-.08	2.8	-.05	2.9	-.19
		2	Some	30	27	118	27	93	31	309	26							
		3	Quite a bit	49	44	197	45	135	45	548	46							
		4	Very much	23	21	93	21	60	20	299	25							
		Total	112	100	434	100	302	100	1,204	100								

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														UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	9	8	22	5	17	6	56	5	2.7	2.8	-.06	2.8	-.04	2.8	-.13	
		2	Some	31	27	134	31	93	31	346	29								
		3	Quite a bit	54	47	188	43	134	44	526	44								
		4	Very much	20	18	90	21	60	20	277	23								
		Total	114	100	434	100	304	100	1,205	100									
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	4	4	14	3	6	2	30	2	3.1	3.1	-.04	3.1	-.07	3.1	-.11	
		2	Some	18	16	68	15	54	18	198	16								
		3	Quite a bit	59	52	223	51	145	47	546	45								
		4	Very much	33	29	136	31	101	33	439	36								
		Total	114	100	441	100	306	100	1,213	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	1	1	15	3	5	2	39	3	3.0	3.1	-.09	3.1	-.19	3.1	-.14	
		2	Some	20	18	82	19	53	17	202	17								
		3	Quite a bit	69	61	198	45	141	46	544	45								
		4	Very much	23	20	145	33	107	35	428	35								
		Total	113	100	440	100	306	100	1,213	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	1	10	2	11	4	46	4	3.0	3.1	-.09	3.0	-.01	3.1	-.11	
		2	Some	27	24	91	21	62	20	216	18								
		3	Quite a bit	55	48	189	43	142	46	507	42								
		4	Very much	31	27	148	34	91	30	438	36								
		Total	114	100	438	100	306	100	1,207	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	20	18	53	12	48	16	162	13	2.6	2.6	.02	2.5	.11	2.7	-.03	
		2	Some	24	21	141	32	97	32	343	28								
		3	Quite a bit	46	40	159	36	109	36	420	35								
		4	Very much	24	21	86	20	52	17	281	23								
		Total	114	100	439	100	306	100	1,206	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	6	5	36	8	22	7	90	7	2.8	2.8	.04	2.8	.01	2.8	-.04	
		2	Some	31	27	129	29	86	28	327	27								
		3	Quite a bit	56	49	171	39	126	42	474	39								
		4	Very much	21	18	102	23	69	23	315	26								
		Total	114	100	438	100	303	100	1,206	100									

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				UMD	UMD Peers		Competitors		NSSE Carnegie		UMD	Your seniors compared with						
												UMD Peers		Competitors		NSSE Carnegie		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	10	9	25	6	18	6	87	7	2.7	2.9	-.14	2.8	-.05	2.8	-.03
		2	Sometimes	37	32	121	28	97	32	379	31							
		3	Often	40	35	184	42	125	41	483	40							
		4	Very often	27	24	109	25	65	21	266	22							
		Total	114	100	439	100	305	100	1,215	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	14	12	49	11	36	12	159	13	2.6	2.6	-.07	2.6	-.02	2.6	.00
		2	Sometimes	46	40	152	35	113	37	443	36							
		3	Often	30	26	155	35	101	33	385	32							
		4	Very often	24	21	84	19	56	18	228	19							
		Total	114	100	440	100	306	100	1,215	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	7	6	46	10	38	12	183	15	2.6	2.6	.03	2.5	.11	2.5 *	.21
		2	Sometimes	50	44	156	35	113	37	464	38							
		3	Often	33	29	156	35	106	35	390	32							
		4	Very often	24	21	82	19	50	16	175	14							
		Total	114	100	440	100	307	100	1,212	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	3	3	20	5	15	5	52	4	8.8	6.9 **	.31	6.5 **	.35	6.8 ***	.33
		1.5	1-2	13	12	99	23	90	30	264	22							
		4	3-5	31	28	116	27	80	27	355	30							
		8	6-10	28	25	104	24	57	19	274	23							
		13	11-15	20	18	51	12	18	6	122	10							
		18	16-20	7	6	14	3	17	6	52	4							
		23	More than 20	10	9	26	6	22	7	66	6							
		Total	112	100	430	100	299	100	1,185	100								
b. Between 6 and 10 pages	wrmednum (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	16	15	89	21	94	32	252	22	2.9	3.1	-.06	2.6	.08	2.9	-.01
		1.5	1-2	46	42	162	38	106	36	481	41							
		4	3-5	34	31	112	26	59	20	289	25							
		8	6-10	12	11	43	10	22	8	107	9							
		13	11-15	1	1	12	3	3	1	24	2							
		18	16-20	0	0	1	0	3	1	9	1							
		23	More than 20	0	0	4	1	4	1	8	1							
		Total	109	100	423	100	291	100	1,170	100								

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Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

Seniors^a in Business Econ

Seniors ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		Your seniors compared with					
														UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
c. 11 pages or more	wrlongnum	0	None	37	34	178	42	141	48	501	43	1.7	1.8	-.02	1.7	-.01	1.6	.03	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	54	50	170	40	103	35	463	40								
		4	3-5	14	13	54	13	32	11	142	12								
		8	6-10	2	2	15	4	7	2	35	3								
		13	11-15	1	1	2	0	2	1	8	1								
		18	16-20	1	1	2	0	1	0	4	0								
		23	More than 20	0	0	4	1	5	2	6	1								
		Total	109	100	425	100	291	100	1,159	100									
Estimated number of assigned pages of student writing.	wrpages	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)										72.5	70.5	.03	63.3	.12	66.8	.08	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	14	12	18	4	15	5	75	6	2.7	3.0 *** ▼	-.37	2.9 *	-.25	3.0 *** ▼	-.34	
		2	Sometimes	40	35	135	31	106	35	320	26								
		3	Often	33	29	114	26	85	28	388	32								
		4	Very often	28	24	173	39	101	33	434	36								
		Total	115	100	440	100	307	100	1,217	100									
b. People from an economic background other than your own	DDeconomic	1	Never	7	6	15	3	15	5	62	5	2.8	3.1 * ▼	-.27	3.0	-.17	3.0 * ▼	-.20	
		2	Sometimes	38	33	107	24	81	27	288	24								
		3	Often	39	34	157	36	107	35	451	37								
		4	Very often	31	27	160	36	101	33	409	34								
		Total	115	100	439	100	304	100	1,210	100									
c. People with religious beliefs other than your own	DDreligion	1	Never	9	8	28	6	22	7	84	7	2.8	2.9	-.19	2.9	-.14	2.9	-.13	
		2	Sometimes	38	33	120	27	89	29	343	28								
		3	Often	38	33	142	32	96	31	409	34								
		4	Very often	29	25	150	34	100	33	371	31								
		Total	114	100	440	100	307	100	1,207	100									
d. People with political views other than your own	DDpolitical	1	Never	8	7	20	5	21	7	77	6	3.0	3.1	-.13	2.9	.04	3.0	-.04	
		2	Sometimes	28	24	91	21	81	26	261	22								
		3	Often	39	34	161	37	104	34	451	37								
		4	Very often	40	35	167	38	101	33	419	35								
		Total	115	100	439	100	307	100	1,208	100									

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				UMD	UMD Peers		Competitors		NSSE Carnegie		UMD	Your seniors compared with						
												UMD Peers	Competitors	NSSE Carnegie				
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	5	4	14	3	4	1	28	2	3.0	3.1	-.14	3.2	-.18	3.2	-.17
		2	Sometimes	22	19	64	15	46	15	208	17							
		3	Often	53	46	209	48	150	49	517	43							
		4	Very often	35	30	152	35	104	34	457	38							
		Total	115	100	439	100	304	100	1,210	100								
b. Reviewed your notes after class	LSnotes	1	Never	19	17	38	9	25	8	102	8	2.6	2.8	-.20	2.8	-.20	2.8 *	▽
		2	Sometimes	33	29	132	30	92	30	343	28							
		3	Often	35	31	146	33	104	34	398	33							
		4	Very often	27	24	123	28	82	27	365	30							
		Total	114	100	439	100	303	100	1,208	100								
c. Summarized what you learned in class or from course materials	LSummary	1	Never	16	14	36	8	16	5	115	10	2.7	2.8	-.05	2.8	-.09	2.8	-.10
		2	Sometimes	27	24	139	32	100	33	335	28							
		3	Often	46	40	157	36	120	40	428	36							
		4	Very often	25	22	103	24	67	22	318	27							
		Total	114	100	435	100	303	100	1,196	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																		
challenge		1	Not at all	0	0	6	1	2	1	15	1	5.6	5.5	.08	5.6	.04	5.5	.05
		2		1	1	10	2	4	1	22	2							
		3		5	4	15	3	12	4	38	3							
		4		6	5	35	8	23	8	96	8							
		5		38	33	135	31	91	30	363	30							
		6		42	37	139	32	112	37	406	34							
		7	Very much	23	20	99	23	62	20	269	22							
		Total	115	100	439	100	306	100	1,209	100								
11. Which of the following have you done or do you plan to do before you graduate? ^o																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		6	5	33	8	22	7	97	8	57%	54%	.08	37% ***	.42	45% *	△
		Do not plan to do		17	15	67	15	74	24	288	24							
		Plan to do		26	23	104	24	98	32	278	23							
		Done or in progress		66	57	235	54	113	37	552	45							
		Total		115	100	439	100	307	100	1,215	100							
		(Means indicate the percentage who responded "Done or in progress.")																

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			UMD		UMD Peers		Competitors		NSSE Carnegie		UMD	Your seniors compared with							
												UMD Peers		Competitors		NSSE Carnegie			
Item wording or description	Variable name ⁱ	Values ^m	Response options		Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	14	12	37	8	24	8	106	9	29%	36%	-.16	41% *	-27	33%	-.10	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	59	51	204	47	129	42	596	49									
	Plan to do	9	8	38	9	25	8	108	9										
	Done or in progress	33	29	159	36	126	41	401	33										
	Total	115	100	438	100	304	100	1,211	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	17	15	38	9	32	10	135	11	21%	22%	-.03	17%	.11	18%	.07	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	63	55	268	61	191	62	754	62									
	Plan to do	10	9	33	8	33	11	99	8										
	Done or in progress	24	21	98	22	51	17	222	18										
	Total	114	100	437	100	307	100	1,210	100										
d. Participate in a study abroad program	abroad		Have not decided	10	9	33	8	27	9	129	11	16%	18%	-.08	13%	.09	12%	.12	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	79	69	282	64	219	71	857	71									
	Plan to do	8	7	42	10	23	7	83	7										
	Done or in progress	18	16	81	18	39	13	141	12										
	Total	115	100	438	100	308	100	1,210	100										
e. Work with a faculty member on a research project	research		Have not decided	19	17	55	13	46	15	169	14	11%	11%	-.03	9%	.05	11%	-.01	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	78	68	292	67	202	66	792	66									
	Plan to do	5	4	41	9	29	10	114	9										
	Done or in progress	12	11	50	11	28	9	129	11										
	Total	114	100	438	100	305	100	1,204	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	13	11	37	8	30	10	126	10	25%	54% ***	-.60	40% **	-.32	45% ***	-.41	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	48	42	82	19	59	19	244	20									
	Plan to do	24	21	82	19	92	30	294	24										
	Done or in progress	29	25	238	54	123	40	539	45										
	Total	114	100	439	100	304	100	1,203	100										

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

servcourse	1	None	43	38	206	47	132	43	522	43	1.7	1.6	.17	1.6	.10	1.6	.07
	2	Some	64	56	208	48	156	51	598	49							
	3	Most	6	5	20	5	17	6	85	7							
	4	All	1	1	3	1	1	0	6	0							
	Total		114	100	437	100	306	100	1,211	100							

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														Your seniors compared with					
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	1	1	6	1	0	0	14	1	5.8	5.6	.10	5.7	.04	5.6	.10	
		2		0	0	4	1	2	1	9	1								
		3		3	3	17	4	18	6	47	4								
		4		9	8	45	10	27	9	112	9								
		5		25	22	101	23	65	21	295	24								
		6		45	39	140	32	99	32	384	32								
		7	Excellent	30	26	126	29	94	31	338	28								
		—	Not applicable	1	1	2	0	2	1	15	1								
			Total	114	100	441	100	307	100	1,214	100								
b. Academic advisors	QIadvisor	1	Poor	5	4	42	10	18	6	65	5	4.9	4.7	.12	4.8	.05	5.2	-.12	
		2		6	5	36	8	31	10	66	5								
		3		10	9	38	9	27	9	97	8								
		4		18	16	52	12	37	12	137	11								
		5		28	25	80	18	52	17	212	17								
		6		21	19	90	20	72	23	261	21								
		7	Excellent	24	21	93	21	69	22	355	29								
		—	Not applicable	1	1	10	2	1	0	21	2								
			Total	113	100	441	100	307	100	1,214	100								
c. Faculty	QIfaculty	1	Poor	2	2	8	2	5	2	20	2	5.1	5.3	-.10	5.2	-.04	5.5 *	▽ - .23	
		2		4	4	14	3	12	4	23	2								
		3		4	4	26	6	15	5	66	5								
		4		22	19	56	13	52	17	139	12								
		5		34	30	110	25	68	23	267	22								
		6		29	25	129	30	95	31	388	32								
		7	Excellent	19	17	90	21	53	18	294	24								
		—	Not applicable	0	0	2	0	2	1	8	1								
			Total	114	100	435	100	302	100	1,205	100								

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				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		Your seniors compared with				
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	5	4	23	5	10	3	43	4	5.1	4.9	.13	5.1	.02	5.0	.03
		2		2	2	25	6	11	4	45	4							
		3		6	5	37	8	19	6	85	7							
		4		18	16	62	14	46	15	151	12							
		5		23	20	73	17	54	18	212	18							
		6		28	24	102	23	59	19	258	21							
		7	Excellent	19	17	77	18	57	19	209	17							
		—	Not applicable	14	12	41	9	50	16	207	17							
			Total	115	100	440	100	306	100	1,210	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	3	3	21	5	14	5	46	4	5.0	4.8	.06	4.9	.03	5.0	-.05
		2		5	4	27	6	17	6	57	5							
		3		11	10	42	10	24	8	87	7							
		4		20	17	66	15	46	15	182	15							
		5		20	17	86	20	69	22	241	20							
		6		28	24	96	22	69	22	304	25							
		7	Excellent	18	16	77	18	52	17	223	18							
		—	Not applicable	10	9	25	6	17	6	74	6							
			Total	115	100	440	100	308	100	1,214	100							
14. How much does your institution emphasize the following?																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	0	0	9	2	7	2	30	2	3.3	3.1	.16	3.1	.16	3.1	.16
		2	Some	15	13	71	16	42	14	185	15							
		3	Quite a bit	55	48	207	47	156	51	581	48							
		4	Very much	45	39	150	34	100	33	411	34							
			Total	115	100	437	100	305	100	1,207	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	7	6	17	4	15	5	54	5	2.8	2.9	-.14	2.9	-.12	3.0	-.18
		2	Some	35	31	111	26	75	25	290	24							
		3	Quite a bit	45	39	192	45	134	44	505	42							
		4	Very much	27	24	111	26	78	26	349	29							
			Total	114	100	431	100	302	100	1,198	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	10	9	39	9	33	11	124	10	2.7	2.8	-.11	2.7	-.03	2.8	-.13
		2	Some	36	32	128	29	84	28	309	26							
		3	Quite a bit	47	41	152	35	122	40	431	36							
		4	Very much	21	18	116	27	64	21	335	28							
			Total	114	100	435	100	303	100	1,199	100							

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														Your seniors compared with					
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	26	23	62	14	48	16	171	14	2.3	2.5 *	-0.23	2.5	-0.16	2.6 **	-0.26	
		2	Some	42	37	157	36	117	38	414	34								
		3	Quite a bit	31	27	146	33	93	30	392	33								
		4	Very much	15	13	72	16	47	15	226	19								
		Total	114	100	437	100	305	100	1,203	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	8	7	25	6	18	6	90	7	2.7	2.9	-0.16	2.8	-0.13	2.8	-0.13	
		2	Some	39	34	115	26	87	29	326	27								
		3	Quite a bit	45	39	193	44	127	42	477	40								
		4	Very much	23	20	104	24	73	24	313	26								
		Total	115	100	437	100	305	100	1,206	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	14	12	38	9	26	9	145	12	2.7	2.8	-0.05	2.8	-0.08	2.7	.01	
		2	Some	28	25	119	27	83	27	331	28								
		3	Quite a bit	48	42	185	43	122	40	455	38								
		4	Very much	24	21	92	21	73	24	272	23								
		Total	114	100	434	100	304	100	1,203	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	43	37	130	30	99	33	374	31	1.9	2.1	-0.15	2.1	-0.20	2.1	-0.18	
		2	Some	42	37	182	42	98	32	452	38								
		3	Quite a bit	24	21	84	19	76	25	251	21								
		4	Very much	6	5	40	9	31	10	127	11								
		Total	115	100	436	100	304	100	1,204	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	13	11	45	10	28	9	166	14	2.5	2.7	-0.17	2.7 *	-0.23	2.6	-0.08	
		2	Some	44	38	133	31	84	28	369	31								
		3	Quite a bit	41	36	171	39	133	44	436	36								
		4	Very much	17	15	87	20	60	20	233	19								
		Total	115	100	436	100	305	100	1,204	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	21	18	61	14	45	15	203	17	2.4	2.5	-0.10	2.5	-0.09	2.4	-0.04	
		2	Some	42	37	169	39	112	37	444	37								
		3	Quite a bit	37	32	136	31	103	34	386	32								
		4	Very much	15	13	69	16	44	14	169	14								
		Total	115	100	435	100	304	100	1,202	100									

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				UMD	UMD Peers		Competitors		NSSE Carnegie		UMD	Your seniors compared with						
												UMD Peers		Competitors		NSSE Carnegie		
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmpprephrs	0	0 hrs	0	0	2	0	1	0	4	0	16.6	13.7 ***	.35	13.6 **	.35	13.1 ***	.42
	(Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	10	65	15	50	16	209	17							
	8	6-10 hrs	22	19	111	25	82	27	321	26								
	13	11-15 hrs	22	19	103	24	59	19	257	21								
	18	16-20 hrs	22	19	73	17	53	17	217	18								
	23	21-25 hrs	18	16	39	9	34	11	96	8								
	28	26-30 hrs	6	5	26	6	11	4	61	5								
	33	More than 30 hrs	13	11	19	4	17	6	48	4								
	Total	115	100	438	100	307	100	1,213	100									
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	36	31	140	32	113	37	553	46	4.6	5.6	-.15	5.0	-.07	4.5	.01
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	50	43	147	34	104	34	330	27							
	8	6-10 hrs	11	10	65	15	40	13	145	12								
	13	11-15 hrs	11	10	40	9	23	8	72	6								
	18	16-20 hrs	3	3	20	5	12	4	52	4								
	23	21-25 hrs	4	3	10	2	7	2	25	2								
	28	26-30 hrs	0	0	5	1	1	0	16	1								
	33	More than 30 hrs	0	0	7	2	6	2	13	1								
	Total	115	100	434	100	306	100	1,206	100									
c. Working for pay on campus	tmworkonhrs	0	0 hrs	78	68	323	75	201	66	923	77	4.4	3.5	.13	4.9	-.07	3.5	.12
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	1	14	3	15	5	35	3							
	8	6-10 hrs	15	13	23	5	19	6	47	4								
	13	11-15 hrs	9	8	26	6	24	8	68	6								
	18	16-20 hrs	6	5	36	8	26	9	82	7								
	23	21-25 hrs	4	3	5	1	9	3	21	2								
	28	26-30 hrs	0	0	3	1	2	1	8	1								
	33	More than 30 hrs	2	2	3	1	8	3	21	2								
	Total	115	100	433	100	304	100	1,205	100									

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

Seniors^a in Business Econ

Seniors ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k						
				UMD		UMD Peers		Competitors		NSSE Carnegie		Your seniors compared with						
												UMD	UMD Peers	Competitors	NSSE Carnegie			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	51	44	137	31	105	35	371	31	11.0	14.2 *	-.27	13.8 *	-.23	16.6 ***	-.42
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	3	18	4	16	5	37	3							
	8	6-10 hrs	3	3	21	5	22	7	48	4								
	13	11-15 hrs	11	10	49	11	22	7	82	7								
	18	16-20 hrs	17	15	66	15	26	9	128	11								
	23	21-25 hrs	14	12	46	11	37	12	110	9								
	28	26-30 hrs	8	7	34	8	24	8	93	8								
	33	More than 30 hrs	7	6	65	15	51	17	333	28								
	Total		115	100	436	100	303	100	1,202	100								
Estimated number of hours working for pay	tmworkhrs											15.4	17.7	-.19	18.6 *	-.26	20.0 ***	-.36
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	65	58	241	56	164	54	650	54	2.5	2.6	-.03	2.6	-.03	2.5	-.01
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	33	29	136	31	96	32	408	34							
	8	6-10 hrs	5	4	26	6	26	9	77	6								
	13	11-15 hrs	5	4	15	3	8	3	30	3								
	18	16-20 hrs	4	4	6	1	6	2	18	2								
	23	21-25 hrs	0	0	4	1	2	1	11	1								
	28	26-30 hrs	0	0	2	0	0	0	3	0								
	33	More than 30 hrs	0	0	2	0	1	0	3	0								
	Total		112	100	432	100	303	100	1,200	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	1	9	2	6	2	40	3	14.4	13.2	.14	12.3 *	.25	11.6 ***	.32
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	11	68	16	64	21	288	24							
	8	6-10 hrs	26	23	113	26	84	28	334	28								
	13	11-15 hrs	32	28	108	25	67	22	221	18								
	18	16-20 hrs	17	15	58	13	32	11	137	11								
	23	21-25 hrs	17	15	35	8	16	5	83	7								
	28	26-30 hrs	1	1	17	4	13	4	37	3								
	33	More than 30 hrs	8	7	28	6	20	7	66	5								
	Total		115	100	436	100	302	100	1,206	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

Seniors^a in Business Econ

Seniors ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k						
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	97	86	327	77	215	70	776	65	1.6	3.2 ** ▼	-.22	4.1 *** ▼	-.31	6.5 *** ▼	-.44
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	4	31	7	32	10	111	9							
	8	6-10 hrs	4	4	17	4	14	5	43	4								
	13	11-15 hrs	2	2	19	4	13	4	46	4								
	18	16-20 hrs	2	2	4	1	8	3	35	3								
	23	21-25 hrs	2	2	4	1	2	1	19	2								
	28	26-30 hrs	1	1	5	1	1	0	16	1								
	33	More than 30 hrs	0	0	18	4	20	7	152	13								
	Total		113	100	425	100	305	100	1,198	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	7	6	42	10	48	16	184	15	4.0	4.7	-.17	3.8	.04	4.4	-.10
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	91	80	286	66	206	67	754	63							
	8	6-10 hrs	10	9	70	16	34	11	169	14								
	13	11-15 hrs	4	4	22	5	14	5	48	4								
	18	16-20 hrs	1	1	10	2	4	1	29	2								
	23	21-25 hrs	0	0	1	0	1	0	6	0								
	28	26-30 hrs	1	1	1	0	0	0	2	0								
	33	More than 30 hrs	0	0	4	1	0	0	11	1								
	Total		114	100	436	100	307	100	1,203	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	1	Very little	17	15	53	12	27	9	152	13	2.8	2.8	-.02	3.0 * ▼	-.23	2.8	-.08
		2	Some	34	30	131	30	79	26	341	28							
		3	About half	29	25	137	31	85	28	347	29							
		4	Most	27	24	89	20	85	28	269	22							
		5	Almost all	7	6	27	6	28	9	97	8							
		Total		114	100	437	100	304	100	1,206	100							
tmreadinghrs												7.9	6.5 * △	.23	7.3	.09	6.5 * △	.24
(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)																		

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

Seniors^a in Business Econ

Seniors ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		Your seniors compared with					
														UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
	tmreadinghrscol	1	0 hrs	0	0	2	0	1	0	4	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	51	45	224	52	146	48	600	50								
		3	More than 5, up to 10 hrs	28	25	123	28	85	28	365	30								
		4	More than 10, up to 15 hrs	15	13	48	11	31	10	125	10								
		5	More than 15, up to 20 hrs	13	11	17	4	22	7	58	5								
		6	More than 20, up to 25 hrs	4	4	13	3	14	5	35	3								
		7	More than 25 hrs	3	3	7	2	5	2	16	1								
		Total	114	100	434	100	304	100	1,203	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	8	7	20	5	24	8	67	6	2.9	2.9	-.07	2.8	.10	2.9	-.08	
		2	Some	27	23	114	26	90	29	300	25								
		3	Quite a bit	53	46	186	42	125	41	498	41								
		4	Very much	27	23	119	27	68	22	348	29								
		Total	115	100	439	100	307	100	1,213	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	8	7	22	5	23	8	79	7	3.0	3.0	.04	2.8 *	.23	2.9	.04	
		2	Some	24	21	104	24	90	29	263	22								
		3	Quite a bit	44	39	184	42	124	41	503	42								
		4	Very much	38	33	127	29	69	23	360	30								
		Total	114	100	437	100	306	100	1,205	100									
c. Thinking critically and analytically	pgthink	1	Very little	3	3	14	3	7	2	33	3	3.2	3.2	.01	3.1	.08	3.2	.02	
		2	Some	15	13	54	12	50	16	179	15								
		3	Quite a bit	51	45	196	45	140	46	513	42								
		4	Very much	45	39	172	39	110	36	484	40								
		Total	114	100	436	100	307	100	1,209	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	5	4	11	3	11	4	44	4	3.1	3.1	-.07	3.0	.06	3.1	.03	
		2	Some	22	19	74	17	63	21	258	21								
		3	Quite a bit	46	40	195	45	137	45	488	40								
		4	Very much	42	37	157	36	96	31	416	34								
		Total	115	100	437	100	307	100	1,206	100									

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

Seniors^a in Business Econ

Seniors ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k							
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		Your seniors compared with					
														UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	15	13	26	6	19	6	77	6	2.9	3.0	-.08	3.0	-.05	3.0	-.13	
		2	Some	17	15	96	22	65	21	246	20								
		3	Quite a bit	45	39	170	39	130	42	441	36								
		4	Very much	38	33	144	33	92	30	447	37								
		Total	115	100	436	100	306	100	1,211	100									
f. Working effectively with others	pgothers	1	Very little	4	4	13	3	16	5	59	5	3.2	3.1	.12	3.0	.16	3.1	.11	
		2	Some	14	12	85	20	62	20	215	18								
		3	Quite a bit	54	47	191	44	121	40	499	41								
		4	Very much	42	37	145	33	105	35	432	36								
		Total	114	100	434	100	304	100	1,205	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	16	14	39	9	39	13	134	11	2.7	2.7	-.06	2.7	.01	2.7	-.05	
		2	Some	30	26	127	29	91	30	360	30								
		3	Quite a bit	43	37	180	41	104	34	410	34								
		4	Very much	26	23	92	21	70	23	307	25								
		Total	115	100	438	100	304	100	1,211	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	16	14	45	10	41	13	134	11	2.6	2.7	-.14	2.6	-.05	2.7	-.14	
		2	Some	37	32	131	30	95	31	362	30								
		3	Quite a bit	41	36	170	39	104	34	430	36								
		4	Very much	21	18	94	21	65	21	285	24								
		Total	115	100	440	100	305	100	1,211	100									
i. Solving complex real-world problems	pgprobsolve	1	Very little	13	11	38	9	30	10	113	9	2.8	2.7	.09	2.7	.16	2.7	.06	
		2	Some	25	22	135	31	106	35	361	30								
		3	Quite a bit	49	43	173	40	110	36	460	38								
		4	Very much	28	24	90	21	60	20	275	23								
		Total	115	100	436	100	306	100	1,209	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	21	18	56	13	45	15	171	14	2.5	2.6	-.11	2.5	.01	2.6	-.09	
		2	Some	33	29	136	31	108	36	363	30								
		3	Quite a bit	39	34	153	35	95	31	412	34								
		4	Very much	22	19	93	21	55	18	259	21								
		Total	115	100	438	100	303	100	1,205	100									

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Business Econ

University of Minnesota Duluth

Seniors^a in Business Econ

Seniors ^a in Business Econ				Frequency Distributions								Statistical Comparisons ^k							
Item wording or description	Variable name ^l	Values ^m	Response options									Your seniors compared with							
				UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	3	3	8	2	5	2	26	2	3.1	3.2	-.11	3.2	-.06	3.2	-.17	
		2	Fair	18	16	47	11	43	14	122	10								
		3	Good	56	50	242	55	159	52	614	50								
		4	Excellent	36	32	144	33	99	32	454	37								
		Total		113	100	441	100	306	100	1,216	100								
19. If you could start over again, would you go to the <i>same institution</i> you are now attending?																			
	sameinst	1	Definitely no	5	4	17	4	13	4	41	3	3.1	3.1	.00	3.1	.06	3.2	-.10	
		2	Probably no	17	15	72	16	48	16	156	13								
		3	Probably yes	49	43	182	41	141	46	511	42								
		4	Definitely yes	44	38	170	39	105	34	511	42								
		Total		115	100	441	100	307	100	1,219	100								

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Business Econ

University of Minnesota Duluth

Business Econ

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	84	81	238	76	104	69	493	80	90	78	343	78	247	80	1,026	84
		More than one	20	19	77	24	46	31	123	20	25	22	99	22	61	20	194	16
		Total	104	100	315	100	150	100	616	100	115	100	442	100	308	100	1,220	100
First major or expected first major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJfirstcol (Recoded from MAJfirst.)	Arts & Humanities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Biological Sci., Agriculture, & Natural Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Physical Sci., Mathematics, & Computer Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Social Sciences	2	2	9	3	5	3	12	2	2	2	24	5	11	4	35	3
		Business	97	93	306	97	143	95	590	96	102	89	415	94	296	96	1,139	93
		Communications, Media, & Public Relations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Health Professions	5	5	0	0	2	1	14	2	11	10	3	1	1	0	46	4
		Social Service Professions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		All Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	104	100	315	100	150	100	616	100	115	100	442	100	308	100	1,220	100
Second major or expected second major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJsecondcol (Recoded from MAJsecond.)	Arts & Humanities	4	20	11	14	1	2	4	3	3	12	6	6	4	7	9	5
		Biological Sci., Agriculture, & Natural Resources	0	0	1	1	0	0	0	0	0	0	1	1	0	0	1	1
		Physical Sci., Mathematics, & Computer Science	1	5	1	1	0	0	2	2	0	0	1	1	2	3	5	3
		Social Sciences	3	15	7	9	7	15	11	9	4	16	2	2	3	5	14	7
		Business	7	35	51	66	34	74	95	78	16	64	83	84	45	74	138	71
		Communications, Media, & Public Relations	1	5	3	4	0	0	1	1	1	4	1	1	4	7	3	2
		Education	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	2
		Engineering	1	5	0	0	0	0	0	0	0	0	1	1	0	0	2	1
		Health Professions	0	0	2	3	2	4	4	3	1	4	0	0	0	0	4	2
		Social Service Professions	1	5	0	0	0	0	1	1	0	0	1	1	0	0	2	1
		All Other	0	0	0	0	1	2	3	2	0	0	2	2	3	5	9	5
		Undecided, Undeclared	2	10	1	1	1	2	1	1	0	0	0	0	0	0	4	2
		Total	20	100	77	100	46	100	122	100	25	100	99	100	61	100	194	100

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Business Econ

University of Minnesota Duluth

Business Econ

First-Year Students^a

Seniors^a

			UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. What is your class level?	class	Freshman/First-year	96	92	274	88	132	89	510	83	0	0	0	0	1	0	3	0
		Sophomore	6	6	35	11	10	7	88	14	1	1	2	0	3	1	6	0
		Junior	1	1	2	1	2	1	6	1	10	9	13	3	32	10	60	5
		Senior	1	1	0	0	3	2	6	1	102	89	415	95	263	86	1,121	92
		Unclassified	0	0	0	0	2	1	5	1	2	2	8	2	6	2	22	2
		Total	104	100	311	100	149	100	615	100	115	100	438	100	305	100	1,212	100
22. Thinking about this current academic term, are you a full-time student?	fulltime	No	3	3	7	2	0	0	33	5	8	7	86	20	47	15	307	26
		Yes	101	97	301	98	147	100	575	95	106	93	346	80	257	85	895	74
		Total	104	100	308	100	147	100	608	100	114	100	432	100	304	100	1,202	100
23a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	0	0	0	1	0	0	0	8	2	2	1	47	4	
		1	0	0	0	0	0	2	0	1	1	12	3	13	4	45	4	
		2	0	0	3	1	2	1	12	2	1	1	31	7	20	7	110	9
		3	2	2	1	0	3	2	17	3	2	2	48	11	24	8	138	11
		4	34	33	57	18	33	22	138	22	34	30	138	32	83	27	343	28
		5	52	50	175	56	74	49	299	49	50	43	126	29	86	28	313	26
		6	8	8	54	17	27	18	102	17	23	20	53	12	56	18	137	11
		7 or more	8	8	23	7	11	7	43	7	4	3	21	5	22	7	75	6
		Total	104	100	313	100	150	100	614	100	115	100	437	100	306	100	1,208	100
b. Of these, how many are entirely online ?	onlinenum	0	87	84	275	88	124	84	463	76	65	57	346	79	183	60	681	57
		1	13	13	30	10	21	14	97	16	35	30	64	15	62	20	261	22
		2	2	2	7	2	2	1	35	6	12	10	13	3	26	9	147	12
		3	1	1	0	0	1	1	8	1	2	2	7	2	16	5	65	5
		4	0	0	0	0	0	0	5	1	1	1	3	1	9	3	26	2
		5	0	0	1	0	0	0	2	0	0	0	1	0	3	1	14	1
		6	0	0	0	0	0	0	0	0	0	0	0	0	4	1	4	0
		7 or more	0	0	0	0	0	0	0	0	0	0	2	0	2	1	6	0
		Total	103	100	313	100	148	100	610	100	115	100	436	100	305	100	1,204	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum)	onlinecrscol	No courses taken online	87	84	275	88	124	84	463	76	65	57	346	79	183	60	681	57
		Some courses taken online	15	15	37	12	24	16	141	23	49	43	85	19	93	30	416	35
		All courses taken online	1	1	1	0	0	0	6	1	1	1	5	1	29	10	107	9
		Total	103	100	313	100	148	100	610	100	115	100	436	100	305	100	1,204	100

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Business Econ

University of Minnesota Duluth

Business Econ

First-Year Students^a

Seniors^a

			UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
<i>Item wording or description</i>	<i>Variable name</i>	<i>Response options</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>
24. What have most of your grades been up to now at this institution?	grades	C- or lower	2	2	7	2	2	1	8	1	0	0	3	1	0	0	4	0
		C	4	4	9	3	6	4	22	4	3	3	12	3	8	3	32	3
		C+	4	4	10	3	4	3	30	5	6	5	31	7	15	5	55	5
		B-	11	11	21	7	6	4	44	7	19	17	45	10	25	8	82	7
		B	18	17	74	24	43	29	125	20	33	29	96	22	75	25	287	24
		B+	26	25	54	17	26	17	112	18	18	16	84	19	55	18	223	18
		A-	23	22	49	16	21	14	94	15	25	22	79	18	44	14	224	19
		A	16	15	88	28	42	28	179	29	11	10	87	20	84	27	301	25
Total	104	100	312	100	150	100	614	100	115	100	437	100	306	100	1,208	100		
25. Did you begin college at this institution or elsewhere?	begincol	Started here	95	91	286	92	131	88	554	91	81	70	250	57	179	58	583	48
		Started elsewhere	9	9	26	8	18	12	58	9	34	30	187	43	128	42	620	52
		Total	104	100	312	100	149	100	612	100	115	100	437	100	307	100	1,203	100
26. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school	1	1	4	1	3	2	14	2	1	1	18	4	26	9	79	7
	attend_com	Community or junior college	8	8	36	12	6	4	55	9	23	20	139	32	87	29	477	40
	attend_col	4-year college or university other than this one	17	16	22	7	15	10	59	10	28	25	121	28	69	23	378	31
	attend_none	None	79	76	243	78	118	79	474	77	69	61	197	45	158	52	445	37
	attend_other	Other	2	2	12	4	9	6	21	3	4	4	14	3	12	4	30	2
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	5	5	16	5	10	7	42	7	4	4	14	3	5	2	57	5
		Bachelor's degree (B.A., B.S., etc.)	59	58	133	43	71	48	268	44	57	50	176	40	170	56	533	44
		Master's degree (M.A., M.S., etc.)	34	34	131	42	52	35	251	41	52	46	214	49	113	37	517	43
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	3	3	30	10	16	11	51	8	1	1	33	8	18	6	96	8
		Total	101	100	310	100	149	100	612	100	114	100	437	100	306	100	1,203	100

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Business Econ

University of Minnesota Duluth

Business Econ

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	4	4	11	4	7	5	32	5	0	0	16	4	9	3	53	4
		High school diploma or G.E.D.	8	8	33	11	22	15	127	21	15	13	57	13	45	15	274	23
		Attended college, but did not complete degree	6	6	34	11	10	7	82	13	13	11	45	10	46	15	188	16
		Associate's degree (A.A., A.S., etc.)	14	14	35	11	26	17	77	13	15	13	50	11	44	14	151	13
		Bachelor's degree (B.A., B.S., etc.)	48	47	112	36	55	37	184	30	49	43	156	36	100	33	331	28
		Master's degree (M.A., M.S., etc.)	21	20	64	21	24	16	85	14	19	17	86	20	48	16	169	14
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	2	2	22	7	6	4	23	4	4	3	25	6	13	4	37	3
		Total	103	100	311	100	150	100	610	100	115	100	435	100	305	100	1,203	100
First-generation status (No parent holds a bachelor's degree)	firstgen	Not first-generation	71	69	198	64	85	57	292	48	72	63	267	61	161	53	537	45
	(Recoded from parented)	First-generation	32	31	113	36	65	43	318	52	43	37	168	39	144	47	666	55
		Total	103	100	311	100	150	100	610	100	115	100	435	100	305	100	1,203	100
29. What is your gender identity?	genderid	Man	59	57	140	45	57	38	266	43	57	50	188	43	142	47	538	45
		Woman	43	41	164	53	90	60	336	55	56	49	242	56	159	52	649	54
		Another gender identity	1	1	2	1	0	0	0	0	0	0	1	0	1	0	4	0
		I prefer not to respond	1	1	5	2	3	2	10	2	1	1	5	1	2	1	13	1
		Total	104	100	311	100	150	100	612	100	114	100	436	100	304	100	1,204	100
30. Enter your year of birth (e.g., 1994):	agecat	19 or younger	101	98	290	93	131	88	503	83	0	0	1	0	2	1	3	0
	(Recoded from the information entered in birthyear)	20-23	1	1	18	6	13	9	67	11	103	90	335	77	216	72	692	58
		24-29	1	1	1	0	3	2	10	2	7	6	59	14	46	15	239	20
		30-39	0	0	2	1	2	1	21	3	3	3	17	4	16	5	147	12
		40-55	0	0	0	0	0	0	5	1	1	1	21	5	21	7	112	9
		Over 55	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7	1
		Total	103	100	311	100	149	100	606	100	114	100	433	100	302	100	1,200	100
31a. Are you an international student?	internat	No	99	98	290	94	129	86	557	92	111	97	400	93	287	94	1,135	95
		Yes	2	2	18	6	21	14	50	8	3	3	28	7	18	6	64	5
		Total	101	100	308	100	150	100	607	100	114	100	428	100	305	100	1,199	100
International student country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file. U.S. (domestic) students did not receive this question.	countrycol	Africa Sub-Saharan	1	50	4	24	4	19	9	19	0	0	0	0	0	0	3	5
	(Recoded from country.)	Asia	1	50	7	41	10	48	27	56	1	33	16	62	9	53	47	78
		Canada	0	0	1	6	1	5	1	2	1	33	1	4	1	6	0	0
		Europe	0	0	2	12	3	14	2	4	1	33	7	27	2	12	2	3
		Latin America and Caribbean	0	0	0	0	2	10	1	2	0	0	1	4	5	29	4	7
		Middle East and North Africa	0	0	3	18	1	5	7	15	0	0	1	4	0	0	4	7
		Oceania	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0
		Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	2	100	17	100	21	100	48	100	3	100	26	100	17	100	60	100

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Business Econ

University of Minnesota Duluth

Business Econ

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	3	3	6	2	2	1	7	1	1	1	3	1	3	1	19	2
	re_asian	Asian	8	8	21	7	15	10	49	8	6	5	33	8	19	6	85	7
	re_black	Black or African American	7	7	32	10	10	7	73	12	0	0	23	5	9	3	70	6
	re_latino	Hispanic or Latino	2	2	19	6	11	7	41	7	1	1	13	3	18	6	49	4
	re_pacific	Native Hawaiian or Other Pacific Islander	1	1	3	1	0	0	2	0	0	0	3	1	1	0	6	0
	re_white	White	85	82	233	75	111	74	441	72	105	92	358	82	247	81	972	81
	re_other	Other	0	0	7	2	5	3	14	2	2	2	11	3	12	4	23	2
	re_pnr	I prefer not to respond	4	4	12	4	2	1	18	3	3	3	13	3	10	3	32	3
	Racial or ethnic identification	re_all	1	1	0	0	0	0	0	0	1	1	1	0	0	0	6	0
		(Recoded from re_amind through re_pnr where each student is represented only once)	7	7	20	6	15	10	46	8	3	3	28	6	19	6	74	6
33. Are you a member of a social fraternity or sorority?	greek	No	96	93	255	82	136	91	554	91	104	92	369	85	278	91	1,071	89
		Yes	7	7	56	18	13	9	55	9	9	8	66	15	26	9	130	11
		Total	103	100	311	100	149	100	609	100	113	100	435	100	304	100	1,201	100
	living	Dormitory or other campus housing (not fraternity or sorority house)	92	88	221	71	109	73	317	52	6	5	35	8	21	7	71	6
		Fraternity or sorority house	0	0	4	1	2	1	4	1	0	0	11	3	6	2	17	1
		Residence (house, apartment, etc.) within walking distance to the institution	8	8	31	10	15	10	66	11	49	43	166	38	107	35	303	25
		Residence (house, apartment, etc.) farther than walking distance to the institution	4	4	49	16	21	14	198	33	57	50	212	49	163	53	761	64
		None of the above	0	0	7	2	2	1	24	4	1	1	11	3	8	3	44	4
		Total	104	100	312	100	149	100	609	100	113	100	435	100	305	100	1,196	100
	athlete	No	93	90	292	95	141	96	563	93	109	96	404	94	278	92	1,131	95
34. Which of the following best describes where you are living while attending college?		Yes	10	10	16	5	6	4	41	7	4	4	26	6	23	8	60	5
		Total	103	100	308	100	147	100	604	100	113	100	430	100	301	100	1,191	100
35. Are you a student-athlete on a team sponsored by your institution's athletics department?																		

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

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University of Minnesota Duluth

Business Econ

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	104	100	307	99	145	98	604	99	111	97	422	97	291	95	1,133	95
		Yes	0	0	3	1	3	2	7	1	3	3	11	3	14	5	61	5
		Total	104	100	310	100	148	100	611	100	114	100	433	100	305	100	1,194	100
37a. Have you been diagnosed with any disability or impairment?	disability	No	95	91	274	88	135	91	557	92	108	95	379	87	276	90	1,076	90
		Yes	7	7	28	9	10	7	35	6	4	4	45	10	21	7	97	8
		I prefer not to respond	2	2	9	3	4	3	16	3	2	2	11	3	9	3	27	2
		Total	104	100	311	100	149	100	608	100	114	100	435	100	306	100	1,200	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	1	14	4	14	2	20	6	17	1	25	9	20	3	14	14	15
	dis_mobility	A mobility impairment	0	0	1	4	1	10	3	9	0	0	2	5	5	24	14	15
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	1	14	18	64	6	60	17	49	2	50	19	43	12	57	40	42
	dis_mental	A mental health disorder	5	71	9	32	1	10	8	23	2	50	19	43	7	33	29	30
	dis_other	A disability or impairment not listed above	1	14	4	14	1	10	5	14	0	0	10	23	2	10	18	19
Disability or impairment	disability_all	A sensory impairment	1	1	2	1	2	1	4	1	1	1	5	1	1	0	8	1
		A mobility impairment	0	0	0	0	1	1	3	0	0	0	1	0	2	1	7	1
	(Recoded from disability and dis_sense through dis_other where each student is represented only once)	A learning disability	1	1	12	4	5	3	14	2	1	1	10	2	7	2	29	2
		A mental health disorder	4	4	5	2	0	0	6	1	1	1	11	3	5	2	22	2
		A disability or impairment not listed	0	0	2	1	1	1	4	1	0	0	5	1	0	0	11	1
		More than one disability or impairment	1	1	7	2	1	1	4	1	1	1	12	3	6	2	19	2
		No disability or impairment	95	91	274	88	135	91	557	92	108	95	379	87	276	90	1,076	90
		Prefer not to respond	2	2	9	3	4	3	16	3	2	2	11	3	9	3	27	2
		Total	104	100	311	100	149	100	608	100	114	100	434	100	306	100	1,199	100
38. Which of the following best describes your sexual orientation? (Question administered per institution request)	sexorient14	Heterosexual	93	90	194	90	67	96	211	87	104	91	257	88	111	93	417	87
		Gay	2	2	3	1	0	0	5	2	2	2	3	1	1	1	7	1
		Lesbian	0	0	1	0	0	0	3	1	0	0	2	1	0	0	2	0
		Bisexual	2	2	2	1	1	1	3	1	3	3	5	2	0	0	11	2
		Another sexual orientation	2	2	3	1	0	0	1	0	0	0	4	1	2	2	7	1
		Questioning or unsure	1	1	1	0	0	0	2	1	0	0	3	1	0	0	4	1
		I prefer not to respond	3	3	12	6	2	3	18	7	5	4	19	6	6	5	33	7
		Total	103	100	216	100	70	100	243	100	114	100	293	100	120	100	481	100

NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

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University of Minnesota Duluth

Business Econ

First-Year Students^a

Seniors^a

			UMD		UMD Peers		Competitors		NSSE Carnegie		UMD		UMD Peers		Competitors		NSSE Carnegie	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Institution-reported information																		
(Variables provided by your institution in your NSSE population file.)																		
Institution-reported sex	IRsex	Female	44	42	169	54	89	59	346	56	58	50	246	56	162	53	662	54
		Male	60	58	146	46	61	41	270	44	57	50	196	44	146	47	558	46
		Total	104	100	315	100	150	100	616	100	115	100	442	100	308	100	1,220	100
Institution-reported race or ethnicity	IRrace	American Indian or Alaska Native	2	2	0	0	0	0	0	0	2	2	0	0	1	0	2	0
		Asian	6	6	8	3	5	3	18	3	5	4	5	2	11	4	29	2
		Black or African American	5	5	15	6	3	2	55	9	1	1	14	4	9	3	65	6
		Hispanic or Latino	3	3	18	7	11	7	40	7	1	1	12	4	15	5	51	4
		Native Hawaiian/Other Pac. Islander	1	1	0	0	0	0	0	0	0	0	0	0	3	1	0	0
		White	83	80	168	69	104	69	414	68	102	89	255	78	241	78	924	79
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Foreign or nonresident alien	2	2	18	7	21	14	52	8	3	3	19	6	15	5	60	5
		Two or more races/ethnicities	0	0	6	2	4	3	20	3	0	0	8	2	5	2	20	2
		Unknown	2	2	10	4	2	1	13	2	1	1	12	4	8	3	26	2
		Total	104	100	243	100	150	100	612	100	115	100	325	100	308	100	1,177	100
Institution-reported class level	IRclass	Freshman/First-Year	104	100	315	100	150	100	616	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	115	100	442	100	308	100	1,220	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	104	100	315	100	150	100	616	100	115	100	442	100	308	100	1,220	100
Institution-reported first-time first-year (FTFY) status	IRftfy	No	2	2	28	9	13	9	95	15	115	100	442	100	308	100	1,219	100
		Yes	102	98	287	91	137	91	521	85	0	0	0	0	0	0	1	0
		Total	104	100	315	100	150	100	616	100	115	100	442	100	308	100	1,220	100
Institution-reported enrollment status	IRenrollment	Not full-time	1	1	11	3	4	3	46	7	10	9	59	13	39	13	264	22
		Full-time	103	99	304	97	146	97	570	93	105	91	383	87	269	87	956	78
		Total	104	100	315	100	150	100	616	100	115	100	442	100	308	100	1,220	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 $\pm 1.96 \times \text{SEM}$.
- 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. $*p < .05$, $**p < .01$, $***p < .001$ (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.