



NSSE 2014

Frequencies and Statistical Comparisons

James Madison University

Please note: The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

NSSE 2014 Frequencies and Statistical Comparisons

About This Report

The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our Web site (nsse.iub.edu) or contact a member of the NSSE team.

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE Web site.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

Note: Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: nsse.iub.edu/html/weighting.cfm

- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are items 11 a-f which are compared using a z -test.

NSSE 2014 Frequencies and Statistical Comparisons
NSSEville State University

				Frequency Distributions ^a								Statistical Comparisons ^b							
				NSSEville State				Public Master's L Large Public NSSE 2013 & 2014				Your seniors compared with							
				NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014		NSSEville State		Public Master's L		Large Public		NSSE 2013 & 2014	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. Doing 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	68	6	8,616	14	8,407	13	43,329	13	2.9	2.6 ***	.31	2.6 ***	.28	2.6 ***	.28	
		2	Sometimes	312	28	20,467	33	20,064	32	103,303	32								
		3	Often	374	36	19,337	32	19,953	33	100,187	33								
		4	Very often	298	30	12,371	21	13,018	22	66,650	22								
			Total	1,043	100	60,791	100	61,442	100	313,469	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)																			
	QRproblem	1	Never	147	14	12,110	20	17,115	20	8,855	19	2.6	2.4 ***	.20	2.4 ***	.20	2.4 ***	.18	
		2	Sometimes	366	35	22,556	37	22,556	36	115,411	36								
		3	Often	294	28	14,007	23	14,452	27	84,466	27								
		4	Very often	234	23	9,888	17	10,058	17	52,057	17								
			Total	1,041	100	60,658	100	61,330	100	312,819	100								
c. Evaluated what others have concluded from numerical information																			
	QRevaluate	1	Never	110	10	11,688	19	11,280	18	56,993	18	2.7	2.4 ***	.29	2.4 ***	.27	2.4 ***	.26	
		2	Sometimes	367	35	23,158	38	23,396	38	118,394	38								
		3	Often	333	32	16,466	28	17,101	28	87,844	28								
		4	Very often	231	23	9,140	15	9,355	16	48,722	16								
			Total	1,041	100	60,452	100	61,132	100	311,953	100								

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent t -tests use Cohen's d ; z -tests use Cohen's h . Cohen's d is calculated by dividing the mean difference by the pooled standard deviation. Cohen's h is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

8. 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.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Variable name ^c				Frequency Distributions ^a				Statistical Comparisons ^b																			
								JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		Your first-year students compared with															
								Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e									
1. During the current school year, about how often have you done the following?																															
a. Asked questions or contributed to course discussions in other ways				askquest	1	Never	19	2	417	4	373	4	7,245	3	2.8	2.8	.04	2.8	.02	2.9	-.07										
b. Prepared two or more drafts of a paper or assignment before turning it in				drafts	1	Never	147	20	1,674	15	1,717	16	37,498	16	2.4	2.6 ***	-0.19	2.5 **	-0.12	2.5 ***	-0.16										
c. Come to class without completing readings or assignments				unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	31	4	572	5	541	5	11,862	5	3.0	3.0	-0.05	3.0	.00	3.0	-0.06										
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)				attendart	1	Never	249	33	3,868	37	3,583	34	79,507	36	2.1	2.0 **	.10	2.0 *	.08	2.0	.07										
e. Asked another student to help you understand course material				CLaskhelp	1	Never	46	6	950	9	778	8	20,012	9	2.6	2.6 *	.09	2.6	.06	2.6 *	.09										
f. Explained course material to one or more students				CLexplain	1	Never	17	2	435	4	358	4	10,219	5	2.8	2.7 **	.11	2.7 *	.09	2.7 *	.09										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a						Statistical Comparisons ^b									
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with					
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	78	11	1,614	16	1,351	13	32,052	15	2.6	2.5 **	.09	2.5	.06	2.5	.05	
		2	Sometimes	280	37	4,030	37	4,129	39	83,617	36								
		3	Often	261	35	3,179	29	3,288	31	70,990	30								
		4	Very often	132	17	1,875	17	1,816	17	46,770	19								
		Total		751	100	10,698	100	10,584	100	233,429	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	32	4	819	8	573	6	17,907	8	2.7	2.6 ***	.18	2.6 ***	.12	2.6 ***	.16	
		2	Sometimes	256	35	4,411	41	4,382	41	92,131	40								
		3	Often	319	43	3,644	34	3,847	37	80,882	34								
		4	Very often	134	18	1,788	16	1,747	17	41,553	17								
		Total		741	100	10,662	100	10,549	100	232,473	100								
i. Gave a course presentation	present	1	Never	61	9	1,967	18	1,910	18	45,864	21	2.5	2.3 ***	.17	2.3 ***	.23	2.2 ***	.27	
		2	Sometimes	353	49	4,597	43	4,961	47	104,781	45								
		3	Often	228	30	2,816	27	2,659	26	56,497	24								
		4	Very often	96	13	1,229	12	966	10	24,161	10								
		Total		738	100	10,609	100	10,496	100	231,303	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	22	3	688	7	556	5	14,481	7	2.8	2.7 **	.10	2.7 *	.09	2.7 **	.11	
		2	Sometimes	254	37	3,855	37	4,011	38	85,743	38								
		3	Often	297	41	3,800	36	3,830	37	83,416	36								
		4	Very often	149	20	2,058	20	1,886	19	43,899	19								
		Total		722	100	10,401	100	10,283	100	227,539	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	33	5	816	8	745	8	18,221	9	2.7	2.6 **	.12	2.6 ***	.16	2.6 ***	.14	
		2	Sometimes	251	35	3,911	38	4,151	41	86,525	39								
		3	Often	284	40	3,685	36	3,604	35	79,411	35								
		4	Very often	139	19	1,844	18	1,650	16	40,415	18								
		Total		707	100	10,256	100	10,150	100	224,572	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	45	7	992	10	963	10	20,957	10	2.7	2.6 *	.08	2.5 ***	.14	2.6 **	.10	
		2	Sometimes	274	38	3,999	39	4,203	41	88,340	39								
		3	Often	261	36	3,450	33	3,422	33	76,026	33								
		4	Very often	131	19	1,829	18	1,570	16	39,379	17								
		Total		711	100	10,270	100	10,158	100	224,702	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b						
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	28	4	511	5	508	5	10,581	5	2.8	2.8	.01	2.7	.05	2.8	.00
		2	Sometimes	242	34	3,397	33	3,548	35	73,027	32							
		3	Often	302	42	4,291	42	4,261	42	94,704	42							
		4	Very often	137	20	2,042	20	1,809	18	45,897	21							
		Total		709	100	10,241	100	10,126	100	224,209	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	20	3	398	4	374	4	7,893	4	2.9	2.9	-.02	2.8	.04	2.9	.01
		2	Sometimes	206	29	2,895	28	3,181	31	66,603	30							
		3	Often	314	44	4,347	42	4,257	42	94,726	42							
		4	Very often	166	23	2,544	25	2,276	23	54,402	24							
		Total		706	100	10,184	100	10,088	100	223,624	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	13	2	311	3	305	3	6,178	3	2.9	2.9	.06	2.8 *	.09	2.9	.06
		2	Sometimes	209	29	3,125	31	3,272	33	69,101	32							
		3	Often	319	46	4,323	42	4,284	42	94,282	42							
		4	Very often	166	23	2,396	23	2,201	22	53,317	23							
		Total		707	100	10,155	100	10,062	100	222,878	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	5	1	196	2	152	2	3,156	2	3.1	3.1 *	.07	3.0 *	.10	3.1	.06
		2	Sometimes	126	18	2,076	21	2,222	22	45,683	21							
		3	Often	346	49	4,542	44	4,610	46	99,560	44							
		4	Very often	226	32	3,282	32	3,038	30	73,294	33							
		Total		703	100	10,096	100	10,022	100	221,693	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	180	25	2,439	25	2,146	21	46,621	22	2.1	2.2 *	-.09	2.2 ***	-.14	2.2 ***	-.14
		2	Sometimes	344	49	4,564	45	4,772	47	102,710	46							
		3	Often	124	17	2,082	20	2,152	22	48,943	21							
		4	Very often	57	8	1,049	10	972	10	24,355	11							
		Total		705	100	10,134	100	10,042	100	222,629	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	399	56	5,705	56	5,167	51	113,692	52	1.6	1.7	-.06	1.7 ***	-.14	1.7 ***	-.12
		2	Sometimes	213	31	2,713	27	3,033	30	66,733	29							
		3	Often	63	9	1,060	11	1,239	13	27,243	12							
		4	Very often	27	4	609	6	559	6	14,023	6							
		Total		702	100	10,087	100	9,998	100	221,691	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
Variable name ^c	Values ^d	Response options																	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	209	29	3,585	36	3,129	31	68,688	32	2.0	1.9 *	.08	2.0	.02	2.0	.01	
		2	Sometimes	324	47	4,204	41	4,508	44	95,970	42								
		3	Often	122	17	1,612	16	1,736	18	39,685	18								
		4	Very often	43	7	680	7	614	7	17,040	8								
		Total		698	100	10,081	100	9,987	100	221,383	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	209	29	2,716	27	2,530	24	52,799	25	2.0	2.1 ***	-.14	2.1 ***	-.16	2.1 ***	-.18	
		2	Sometimes	346	50	4,591	46	4,837	48	103,851	46								
		3	Often	105	16	1,888	19	1,909	20	44,663	20								
		4	Very often	36	5	839	8	681	7	19,272	9								
		Total		696	100	10,034	100	9,957	100	220,585	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	14	2	285	3	285	3	8,812	4	3.0	3.0	-.03	3.0	.00	3.0	.03	
		2	Some	175	26	2,241	23	2,276	24	54,684	25								
		3	Quite a bit	304	44	4,479	44	4,477	45	95,378	43								
		4	Very much	207	28	3,078	30	2,961	28	62,597	28								
		Total		700	100	10,083	100	9,999	100	221,471	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	6	1	384	4	306	3	7,238	4	3.1	2.9 ***	.25	3.0 ***	.20	3.0 ***	.18	
		2	Some	126	18	2,479	25	2,324	24	49,784	23								
		3	Quite a bit	324	47	4,503	44	4,563	46	98,391	44								
		4	Very much	238	34	2,686	26	2,752	27	64,987	29								
		Total		694	100	10,052	100	9,945	100	220,400	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	15	2	396	4	401	4	7,964	4	3.0	3.0 *	.09	2.9 **	.12	3.0	.07	
		2	Some	157	23	2,404	24	2,449	25	50,679	24								
		3	Quite a bit	298	43	4,322	43	4,324	44	93,606	42								
		4	Very much	219	31	2,879	29	2,727	27	67,269	30								
		Total		689	100	10,001	100	9,901	100	219,518	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	19	3	385	4	434	4	8,929	4	3.0	2.9	.04	2.9 **	.11	2.9	.06	
		2	Some	167	25	2,489	25	2,636	27	55,082	26								
		3	Quite a bit	309	44	4,389	44	4,445	45	95,079	43								
		4	Very much	198	28	2,715	27	2,394	24	60,453	27								
		Total		693	100	9,978	100	9,909	100	219,543	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Variable name ^c				Frequency Distributions ^a				Statistical Comparisons ^b											
								JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		Your first-year students compared with							
								Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information				HOform				1		2		3		4		<div style="display: flex; justify-content: space-between;"> 2.9 <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 2.9 .03 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 2.9 * .08 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 2.9 .03 </div> </div> </div>							
								Very little		Some		Quite a bit		Very much								Total	
								29	4	478	5	517	5	10,042	5								
								167	25	2,629	27	2,766	28	56,435	26								
								308	45	4,181	42	4,174	42	92,919	42								
184	26	2,677	27	2,431	24	59,623	27																
688	100	9,965	100	9,888	100	219,019	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		2		3		4		<div style="display: flex; justify-content: space-between;"> 3.2 <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 3.2 .02 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 3.1 .06 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 3.2 .02 </div> </div> </div>							
								Very little		Some		Quite a bit		Very much								Total	
								10	1	173	2	172	2	3,903	2								
								101	15	1,705	17	1,747	18	36,413	17								
								342	49	4,501	44	4,688	46	99,245	44								
241	35	3,686	37	3,357	34	81,560	37																
694	100	10,065	100	9,964	100	221,121	100																
b. Taught course sessions in an organized way				ETorganize				1		2		3		4		<div style="display: flex; justify-content: space-between;"> 3.1 <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 3.1 .04 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 3.1 .07 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 3.1 .02 </div> </div> </div>							
								Very little		Some		Quite a bit		Very much								Total	
								7	1	235	3	210	2	5,092	3								
								119	17	1,867	19	1,927	19	38,500	18								
								342	49	4,613	45	4,795	48	101,245	45								
223	32	3,340	33	3,009	31	75,663	34																
691	100	10,055	100	9,941	100	220,500	100																
c. Used examples or illustrations to explain difficult points				ETexample				1		2		3		4		<div style="display: flex; justify-content: space-between;"> 3.2 <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 3.1 * .08 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 3.1 ** .11 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 3.1 * .07 </div> </div> </div>							
								Very little		Some		Quite a bit		Very much								Total	
								9	1	314	3	239	2	6,196	3								
								109	16	1,954	20	2,056	21	41,898	20								
								325	47	4,124	41	4,299	43	90,597	41								
247	35	3,621	36	3,324	34	81,237	36																
690	100	10,013	100	9,918	100	219,928	100																
d. Provided feedback on a draft or work in progress				ETdraftfb				1		2		3		4		<div style="display: flex; justify-content: space-between;"> 2.7 <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 2.9 *** -.19 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 2.8 * -.10 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 2.9 *** -.16 </div> </div> </div>							
								Very little		Some		Quite a bit		Very much								Total	
								58	8	675	7	723	7	16,054	8								
								223	33	2,695	27	3,043	30	59,106	27								
								255	38	3,630	36	3,675	37	78,988	35								
146	21	2,991	30	2,463	25	65,692	29																
682	100	9,991	100	9,904	100	219,840	100																
e. Provided prompt and detailed feedback on tests or completed assignments				ETfeedback				1		2		3		4		<div style="display: flex; justify-content: space-between;"> 2.7 <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 2.8 ** -.10 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 2.7 -.02 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 2.8 ** -.12 </div> </div> </div>							
								Very little		Some		Quite a bit		Very much								Total	
								60	8	848	9	897	9	16,953	8								
								222	32	2,924	29	3,274	33	63,219	29								
								286	42	3,683	37	3,644	37	82,224	37								
116	18	2,505	25	2,047	21	56,530	26																
684	100	9,960	100	9,862	100	218,926	100																

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description			Variable name ^c			Values ^d			Response options			Frequency Distributions ^a								Statistical Comparisons ^b					
												JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with			
												Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
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	79	10	1,528	14	1,335	13	31,706	14	2.6	2.5	.05	2.6	.02	2.6	.02			
						2	Sometimes	264	36	3,615	35	3,702	36	78,336	35										
						3	Often	253	39	3,261	33	3,295	34	73,242	34										
						4	Very often	95	15	1,634	17	1,603	17	37,357	18										
						Total		691	100	10,038	100	9,935	100	220,641	100										
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)			QRproblem			1	Never	134	18	2,299	22	2,110	21	50,181	22	2.3	2.3	.07	2.3	.06	2.3	.05			
						2	Sometimes	296	43	4,123	41	4,218	42	88,355	40										
						3	Often	181	27	2,472	26	2,541	26	56,096	26										
						4	Very often	75	12	1,111	12	1,047	11	25,522	12										
						Total		686	100	10,005	100	9,916	100	220,154	100										
c. Evaluated what others have concluded from numerical information			QRevaluate			1	Never	119	16	2,378	23	2,053	20	48,393	22	2.4	2.2 ***	.14	2.3 **	.11	2.3 **	.11			
						2	Sometimes	298	43	4,084	41	4,299	43	90,493	41										
						3	Often	197	30	2,476	25	2,567	26	57,120	26										
						4	Very often	71	11	1,019	11	949	10	23,166	11										
						Total		685	100	9,957	100	9,868	100	219,172	100										
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																									
a. Up to 5 pages			wrshortnum			0	None	24	4	352	4	308	4	8,179	5	7.2	6.4 ***	.16	6.9	.06	6.8	.07			
			(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)			1.5	1-2	118	19	1,883	20	1,757	19	36,763	19										
						4	3-5	193	31	3,030	33	2,909	32	62,663	32										
						8	6-10	151	24	2,298	25	2,331	26	51,776	25										
						13	11-15	70	10	831	9	915	10	22,426	10										
						18	16-20	34	6	376	4	434	5	10,251	5										
						23	More than 20	41	6	342	4	419	5	10,552	5										
						Total		631	100	9,112	100	9,073	100	202,610	100										
b. Between 6 and 10 pages			wrmednum			0	None	247	40	3,211	37	2,634	30	60,900	33	1.7	1.9	-.06	2.1 ***	-.15	2.1 ***	-.14			
			(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)			1.5	1-2	248	40	3,719	41	3,991	45	83,874	42										
						4	3-5	94	15	1,301	15	1,569	18	36,597	18										
						8	6-10	20	4	404	5	452	5	11,326	6										
						13	11-15	4	1	79	1	109	1	2,429	1										
						18	16-20	0	0	25	0	20	0	729	0										
						23	More than 20	1	0	29	0	31	0	716	0										
						Total		614	100	8,768	100	8,806	100	196,571	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b										
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with								
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
c. 11 pages or more				wrlongnum	0	None	496	83	6,916	81	6,515	75	143,863	76	.6	.7	-.03	.8	-.06	.8 *	▽	-.08
				(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	72	13	1,176	14	1,609	19	35,354	17								
					4	3-5	11	2	203	3	230	3	5,673	3								
					8	6-10	4	1	89	1	96	1	2,453	1								
					13	11-15	4	1	64	1	64	1	1,490	1								
					18	16-20	0	0	25	0	21	0	662	0								
					23	More than 20	2	1	42	1	39	0	933	1								
Total				589	100	8,515	100	8,574	100	190,428	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.)																	
					43.0	41.6	.03	47.1	-.07	47.0	-.07											
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	26	4	416	5	428	5	9,621	5	3.1	3.1	-.03	3.0	.06	3.1	-.02	
					2	Sometimes	161	25	2,179	23	2,567	27	48,435	23								
					3	Often	192	30	2,786	30	2,808	31	60,206	29								
					4	Very often	258	41	3,901	42	3,420	37	87,974	42								
					Total		637	100	9,282	100	9,223	100	206,236	100								
b. People from an economic background other than your own				DDeconomic	1	Never	23	4	466	5	363	4	8,761	5	3.1	3.1	.07	3.1	.07	3.1	.04	
					2	Sometimes	145	23	2,046	22	2,174	23	44,463	22								
					3	Often	198	31	3,155	34	3,280	36	69,305	34								
					4	Very often	268	42	3,596	39	3,372	37	83,154	40								
					Total		634	100	9,263	100	9,189	100	205,683	100								
c. People with religious beliefs other than your own				DDreligion	1	Never	22	4	570	7	474	5	13,056	7	3.1	3.0 ***	.15	3.0 **	.12	3.0 ***	.14	
					2	Sometimes	135	21	2,261	25	2,240	24	51,063	25								
					3	Often	202	31	2,784	30	2,934	32	60,739	30								
					4	Very often	274	44	3,605	39	3,535	38	80,304	39								
					Total		633	100	9,220	100	9,183	100	205,162	100								
d. People with political views other than your own				DDpolitical	1	Never	19	3	685	8	500	6	12,996	7	3.2	2.9 ***	.24	3.0 ***	.16	3.0 ***	.18	
					2	Sometimes	130	21	2,406	26	2,270	24	51,707	25								
					3	Often	203	32	2,807	30	3,048	34	63,599	31								
					4	Very often	276	44	3,291	36	3,332	37	76,111	37								
					Total		628	100	9,189	100	9,150	100	204,413	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Variable name ^c				Frequency Distributions ^a				Statistical Comparisons ^b									
								JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		Your first-year students compared with					
								Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
9. During the current school year, about how often have you done the following?																					
a. Identified key information from reading assignments				LSreading	1	Never	3	1	117	1	136	2	2,856	2	3.2	3.1 ** △	.11	3.1 ** △	.13	3.2 * △	.08
				2	Sometimes	97	16	1,713	19	1,700	19	35,092	18								
				3	Often	264	43	4,043	44	4,072	45	88,199	43								
				4	Very often	266	40	3,349	35	3,265	35	78,802	37								
				Total		630	100	9,222	100	9,173	100	204,949	100								
b. Reviewed your notes after class				LSnotes	1	Never	24	4	429	5	418	5	9,809	5	2.9	2.9	-.05	2.9	.02	2.9	-.05
				2	Sometimes	200	34	2,668	30	2,917	33	60,418	30								
				3	Often	197	31	3,013	33	2,973	33	68,052	33								
				4	Very often	210	31	3,081	32	2,828	29	66,050	32								
				Total		631	100	9,191	100	9,136	100	204,329	100								
c. Summarized what you learned in class or from course materials				LSsummary	1	Never	43	7	645	7	602	7	12,713	7	2.8	2.8	.01	2.8	.03	2.8	-.03
				2	Sometimes	193	32	2,788	31	2,824	32	61,389	31								
				3	Often	210	35	3,195	35	3,293	36	71,937	36								
				4	Very often	173	27	2,478	27	2,331	25	56,042	27								
				Total		619	100	9,106	100	9,050	100	202,081	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	21	0	40	1	792	0	5.6	5.5 ** △	.12	5.5 ** △	.12	5.5	.05
				2		2	1	77	1	88	1	1,906	1								
				3		21	4	289	3	273	3	5,612	3								
				4		42	8	964	11	885	10	19,166	10								
				5		194	30	3,151	34	3,113	34	63,646	31								
				6		239	37	2,843	30	3,028	33	67,216	32								
				7	Very much	128	20	1,837	20	1,711	18	45,836	22								
				Total		626	100	9,182	100	9,138	100	204,174	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																					
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement				intern	Have not decided	43	8	1,155	13	869	10	21,226	11	6%	8%	-.05	8%	-.07	9% * ▽	-.09	
				(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	11	2	326	4	335	4	8,507	5								
					Plan to do	538	84	7,017	75	7,231	78	157,063	76								
					Done or in progress	37	6	689	8	701	8	17,390	9								
				Total		629	100	9,187	100	9,136	100	204,186	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description			Variable name ^c			Values ^d			Response options			Frequency Distributions ^a								Statistical Comparisons ^b									
												JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		Your first-year students compared with									
												Count	%	Count	%	Count	%	Count	%	Mean	Community Engaged	Effect size ^e	IPEDS Comparison	Effect size ^e	NSSE 2013 & 2014	Effect size ^e			
b. Hold a formal leadership role in a student organization or group			leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>			Have not decided Do not plan to do Plan to do Done or in progress Total			175	28	2,718	30	2,526	28	55,737	27	10%	11%	-.03	12%	-.07	12%	-.07						
									84	14	2,462	27	2,003	23	46,682	24													
									304	48	2,999	32	3,487	37	76,699	36													
									64	10	976	11	1,099	12	24,390	12													
									627	100	9,155	100	9,115	100	203,508	100													
c. Participate in a learning community or some other formal program where groups of students take two or more classes together			learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>			Have not decided Do not plan to do Plan to do Done or in progress Total			189	31	2,986	33	2,819	31	64,878	31	13%	14%	-.01	16% *	-0.09	15%	-.06						
									206	32	2,481	27	2,732	30	56,639	28													
									144	23	2,365	27	2,053	23	51,413	25													
									83	13	1,299	14	1,486	16	30,119	15													
									622	100	9,131	100	9,090	100	203,049	100													
d. Participate in a study abroad program			abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>			Have not decided Do not plan to do Plan to do Done or in progress Total			154	26	2,729	30	2,471	27	54,605	27	4%	3%	.03	4%	.00	4%	.00						
									111	19	2,485	28	2,319	27	51,659	27													
									336	52	3,660	39	3,992	42	89,798	42													
									26	4	257	3	300	4	6,936	4													
									627	100	9,131	100	9,082	100	202,998	100													
e. Work with a faculty member on a research project			research <i>(Means indicate the percentage who responded "Done or in progress.")</i>			Have not decided Do not plan to do Plan to do Done or in progress Total			229	37	3,607	40	3,508	39	76,434	38	4%	4%	-.03	5%	-.07	5% *	-.09						
									149	23	2,368	25	2,273	25	46,001	23													
									223	36	2,728	31	2,836	32	68,808	34													
									21	4	371	4	425	5	10,788	5													
									622	100	9,074	100	9,042	100	202,031	100													
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)			capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>			Have not decided Do not plan to do Plan to do Done or in progress Total			219	34	3,289	37	2,851	30	61,375	31	2%	3% *	-.10	3%	-.08	3% *	-.09						
									50	8	910	10	773	9	18,233	10													
									340	56	4,636	50	5,225	58	117,220	56													
									11	2	250	3	224	3	5,314	3													
									620	100	9,085	100	9,073	100	202,142	100													
12. About how many of your courses at this institution have included a community-based project (service-learning)?																													
			servcourse			1 None			370	59	4,130	46	4,497	48	95,816	48	1.5	1.6 ***	-.26	1.6 ***	-.21	1.6 ***	-.21						
									2 Some			217	36	4,246	47	3,929								45	90,637	44			
												3 Most			30	5								598	7	519	6	12,924	6
															4 All									0	0	74	1	73	1
												Total												617	100	9,048	100	9,018	100

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b						
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students																		
QIstudent		1	Poor	6	1	150	2	126	1	2,876	2	5.9	5.5 ***	.30	5.6 ***	.27	5.6 ***	.25
		2		7	1	196	2	179	2	3,936	2							
		3		18	3	450	5	332	4	8,497	4							
		4		27	4	969	11	878	10	19,124	10							
		5		116	18	2,152	23	2,192	24	45,063	22							
		6		212	34	2,602	28	2,898	31	60,889	29							
		7	Excellent	240	38	2,583	28	2,465	27	62,251	30							
		—	Not applicable	1	0	50	1	36	0	1,188	1							
			Total	627	100	9,152	100	9,106	100	203,824	100							
b. Academic advisors																		
QIadvisor		1	Poor	31	5	475	5	351	4	7,954	4	4.9	4.9	-.01	5.1 *	-.11	5.1 **	-.13
		2		49	7	580	6	496	5	10,677	5							
		3		75	12	816	9	803	8	16,429	8							
		4		82	14	1,338	15	1,274	14	27,212	13							
		5		120	18	1,740	19	1,893	20	39,579	19							
		6		113	18	1,811	20	1,932	22	44,234	21							
		7	Excellent	144	24	1,985	22	1,968	23	52,796	26							
		—	Not applicable	11	2	386	4	371	4	4,484	2							
			Total	625	100	9,131	100	9,088	100	203,365	100							
c. Faculty																		
QIfaculty		1	Poor	5	1	224	3	146	2	3,733	2	5.5	5.1 ***	.26	5.2 ***	.20	5.3 ***	.15
		2		10	1	352	4	282	3	6,236	3							
		3		24	3	697	8	634	7	12,420	6							
		4		89	15	1,346	15	1,314	14	26,281	13							
		5		149	24	2,276	25	2,401	26	48,843	24							
		6		208	34	2,381	26	2,648	30	58,473	28							
		7	Excellent	135	22	1,680	18	1,540	18	44,494	22							
		—	Not applicable	2	0	118	1	66	1	1,774	1							
			Total	622	100	9,074	100	9,031	100	202,254	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	13	2	542	6	327	4	8,998	5	5.4	4.8 ***	.33	4.9 ***	.27	4.9 ***	.25	
		2		17	3	487	5	423	5	9,592	5								
		3		44	7	724	8	703	8	14,954	7								
		4		61	9	1,289	14	1,344	15	27,368	13								
		5		128	21	1,827	20	2,100	23	41,802	20								
		6		151	24	1,862	20	2,071	23	44,353	21								
		7	Excellent	151	25	1,486	16	1,388	16	37,354	18								
	—	Not applicable	56	9	897	10	705	8	18,201	10									
	Total	621	100	9,114	100	9,061	100	202,622	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	17	3	557	6	405	5	9,836	5	5.1	4.7 ***	.24	4.8 ***	.19	4.8 ***	.16	
		2		33	5	588	7	557	6	11,884	6								
		3		46	7	834	9	748	8	16,912	8								
		4		65	11	1,389	15	1,443	16	29,650	15								
		5		122	19	1,878	21	1,966	22	42,074	21								
		6		146	23	1,796	20	1,914	21	42,943	21								
		7	Excellent	114	19	1,417	15	1,262	14	36,514	18								
	—	Not applicable	80	13	640	7	777	9	12,880	7									
	Total	623	100	9,099	100	9,072	100	202,693	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	9	2	158	2	122	2	2,797	2	3.2	3.1	.08	3.2	.04	3.2	.00	
		2	Some	71	13	1,372	17	1,326	16	26,494	15								
		3	Quite a bit	272	48	3,883	46	3,895	45	84,070	44								
		4	Very much	221	37	3,074	36	3,149	37	77,470	39								
		Total	573	100	8,487	100	8,492	100	190,831	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	14	3	300	4	265	3	6,057	4	3.3	3.1 ***	.24	3.1 ***	.19	3.1 ***	.17	
		2	Some	77	14	1,698	21	1,567	19	33,249	19								
		3	Quite a bit	210	38	3,384	40	3,610	43	75,806	40								
		4	Very much	267	45	3,039	35	3,006	35	74,646	38								
		Total	568	100	8,421	100	8,448	100	189,758	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	12	2	500	6	439	5	9,445	5	3.3	3.1 ***	.29	3.1 ***	.26	3.1 ***	.23	
		2	Some	58	10	1,491	19	1,400	17	30,566	17								
		3	Quite a bit	211	39	3,004	36	3,274	39	67,517	36								
		4	Very much	287	49	3,448	39	3,347	39	82,282	42								
		Total	568	100	8,443	100	8,460	100	189,810	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a						Statistical Comparisons ^b											
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
Item wording or description	Variable name ^c	Values ^d	Response options																		
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	52	9	993	12	1,006	12	21,295	12	2.9	2.7 ***	.19	2.7 ***	.27	2.7 ***	.20			
		2	Some	130	23	2,450	29	2,698	32	54,811	29								Δ	Δ	Δ
		3	Quite a bit	184	34	2,700	32	2,776	33	62,160	33										
		4	Very much	200	34	2,307	27	1,980	23	51,874	26										
		Total		566	100	8,450	100	8,460	100	190,140	100										
e. Providing opportunities to be involved socially	SEsocial	1	Very little	9	2	480	6	327	4	9,809	6	3.4	3.0 ***	.44	3.0 ***	.41	3.0 ***	.40			
		2	Some	64	12	1,873	23	1,828	22	38,986	21								▲	▲	▲
		3	Quite a bit	189	34	3,158	37	3,357	40	72,044	38										
		4	Very much	305	53	2,929	33	2,942	34	69,075	35										
		Total		567	100	8,440	100	8,454	100	189,914	100										
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	9	1	479	6	409	5	11,285	7	3.3	3.0 ***	.36	3.1 ***	.32	3.0 ***	.37			
		2	Some	67	13	1,757	22	1,682	20	39,076	21								▲	▲	▲
		3	Quite a bit	208	37	3,161	38	3,336	39	71,976	38										
		4	Very much	281	49	3,002	35	2,996	36	66,681	34										
		Total		565	100	8,399	100	8,423	100	189,018	100										
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	49	8	1,735	21	1,616	20	37,000	21	2.7	2.4 ***	.31	2.4 ***	.33	2.4 ***	.32			
		2	Some	198	35	2,930	35	3,090	37	66,539	35								▲	▲	▲
		3	Quite a bit	187	34	2,330	27	2,422	29	53,771	28										
		4	Very much	131	23	1,413	17	1,277	15	31,559	16										
		Total		565	100	8,408	100	8,405	100	188,869	100										
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	8	1	725	9	473	6	14,280	8	3.2	2.8 ***	.44	2.9 ***	.39	2.9 ***	.37			
		2	Some	88	17	2,141	26	2,127	25	42,805	24								▲	▲	▲
		3	Quite a bit	204	38	3,033	36	3,385	40	70,657	37										
		4	Very much	262	44	2,477	29	2,416	28	60,774	31										
		Total		562	100	8,376	100	8,401	100	188,516	100										
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	44	8	1,270	16	1,115	14	24,972	14	2.9	2.5 ***	.32	2.5 ***	.34	2.6 ***	.27			
		2	Some	144	26	2,729	33	2,931	35	59,684	32								▲	▲	▲
		3	Quite a bit	210	38	2,626	31	2,797	33	62,164	32										
		4	Very much	162	28	1,732	20	1,531	18	41,243	21										
		Total		560	100	8,357	100	8,374	100	188,063	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a						Statistical Comparisons ^b																															
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with																											
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e																							
Item wording or description	Variable name ^c	Values ^d	Response options																																						
15. About how many hours do you spend in a typical 7-day week doing the following?																																									
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0 0 hrs 3 1-5 hrs 8 6-10 hrs 13 11-15 hrs 18 16-20 hrs 23 21-25 hrs 28 26-30 hrs 33 More than 30 hrs Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	1 0 39 8 127 22 124 23 123 22 75 13 39 7 34 6 562 100	0 8 22 23 22 13 7 6 100	35 1 1,357 17 2,233 26 1,916 22 1,357 16 790 9 383 4 348 4 8,419 100	1 17 26 22 16 9 4 4 100	33 0 1,031 13 2,063 25 1,870 22 1,531 18 978 11 504 6 416 5 8,426 100	0 13 25 22 18 11 6 5 100	779 1 24,803 14 43,772 24 40,666 21 34,142 17 21,898 11 12,182 6 11,408 6 189,650 100	1 14 24 17 21 11 6 6 100	15.6	▲	13.1 ***	.31	▲	14.3 ***	.15	▲	14.3 ***	.15																				
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0 0 hrs 3 1-5 hrs 8 6-10 hrs 13 11-15 hrs 18 16-20 hrs 23 21-25 hrs 28 26-30 hrs 33 More than 30 hrs Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	93 18 231 40 111 19 69 12 31 6 15 3 5 1 5 1 560 100	18 40 19 12 6 3 1 1 100	3,250 40 2,844 33 1,117 13 536 7 324 4 155 2 61 1 74 1 8,361 100	40 33 13 7 4 2 1 1 100	2,354 29 3,186 37 1,481 17 656 8 364 4 182 2 73 1 82 1 8,378 100	29 37 17 8 4 2 1 1 100	57,608 33 65,873 33 30,677 16 16,180 8 9,542 5 4,506 2 1,854 1 2,180 1 188,420 100	33 33 16 8 5 2 1 1 100											6.6	▲	4.6 ***	.31	▲	5.5 ***	.17	▲	5.4 ***	.19										
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0 0 hrs 3 1-5 hrs 8 6-10 hrs 13 11-15 hrs 18 16-20 hrs 23 21-25 hrs 28 26-30 hrs 33 More than 30 hrs Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	507 89 6 1 26 5 13 3 5 1 3 1 2 0 1 0 563 100	89 1 5 3 1 1 0 0 100	6,950 83 260 3 472 6 350 4 233 3 62 1 25 0 37 1 8,389 100	83 3 6 4 3 1 0 1 100	6,814 81 289 3 594 7 412 5 182 2 60 1 24 0 38 0 8,413 100	81 3 7 5 2 1 0 0 100	144,333 79 9,816 4 17,055 8 9,299 5 5,504 3 1,476 1 509 0 1,220 1 189,212 100	79 4 8 5 3 1 0 1 100																					1.3	▽	2.0 ***	-.14	▽	2.1 ***	-.16	▽	2.4 ***	-.20

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b												
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with										
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e						
d. Working for pay off campus <i>(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)</i>				tmworkoffhrs	0	0 hrs	517	91	5,760	68	6,519	78	136,007	70	1.2	▼	5.2 ***	-.45	▼	3.1 ***	-.28	▼	5.0 ***	-.41
				3	1-5 hrs	11	2	411	5	381	4	9,242	5											
				8	6-10 hrs	10	2	449	5	361	4	9,183	5											
				13	11-15 hrs	9	2	468	6	373	4	8,293	5											
				18	16-20 hrs	5	1	508	6	297	3	8,459	5											
				23	21-25 hrs	6	1	333	4	196	2	5,697	3											
				28	26-30 hrs	2	0	185	2	108	1	3,428	2											
				33	More than 30 hrs	1	0	263	4	134	2	8,004	5											
Total				561	100	8,377	100	8,369	100	188,313	100													
Estimated number of hours working for pay <i>(Continuous variable created by NSSE)</i>				tmworkhrs										2.4	▼	7.2 ***	-.45	▼	5.2 ***	-.30	▼	7.3 ***	-.45	
e. Doing community service or volunteer work <i>(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)</i>				tmservicehrs	0	0 hrs	306	57	4,914	59	5,018	62	104,455	57	2.2	▼	2.3	-.02	▼	2.0	.05	▼	2.4	-.03
				3	1-5 hrs	207	34	2,533	30	2,555	29	62,871	32											
				8	6-10 hrs	25	5	480	6	386	5	10,822	6											
				13	11-15 hrs	11	3	200	2	162	2	4,393	2											
				18	16-20 hrs	3	1	100	1	92	1	2,430	1											
				23	21-25 hrs	3	1	41	1	45	1	1,070	1											
				28	26-30 hrs	2	0	24	0	21	0	407	0											
				33	More than 30 hrs	1	0	25	0	16	0	620	0											
Total				558	100	8,317	100	8,295	100	187,068	100													
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) <i>(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>				tmrelaxhrs	0	0 hrs	4	1	133	2	71	1	3,008	2	14.2	▲	13.1 **	.12	▲	14.0	.02	▲	12.6 ***	.19
				3	1-5 hrs	78	13	1,674	20	1,226	15	39,221	21											
				8	6-10 hrs	134	24	2,102	25	2,132	25	50,842	26											
				13	11-15 hrs	145	26	1,717	20	1,877	22	37,952	20											
				18	16-20 hrs	87	15	1,168	14	1,279	15	25,286	13											
				23	21-25 hrs	58	10	620	8	779	10	13,739	7											
				28	26-30 hrs	18	3	306	4	362	4	6,548	4											
				33	More than 30 hrs	37	8	608	8	596	7	11,198	6											
Total				561	100	8,328	100	8,322	100	187,794	100													

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b									
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
g. Providing care for dependents (children, parents, etc.) <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>				tmcarehrs	0	0 hrs	506	90	6,165	73	7,024	84	143,786	75	1.0	2.7 *** ▽	-.26	1.5 ** ▽	-.10	3.0 *** ▽	-.26
				3	1-5 hrs	22	4	1,059	13	654	8	19,322	11								
				8	6-10 hrs	12	3	432	6	229	3	7,752	5								
				13	11-15 hrs	6	1	229	3	147	2	4,538	3								
				18	16-20 hrs	4	1	156	2	98	1	3,000	2								
				23	21-25 hrs	3	1	69	1	42	0	1,645	1								
				28	26-30 hrs	1	0	42	1	22	0	1,020	1								
				33	More than 30 hrs	1	0	168	2	94	1	6,359	4								
Total				555	100	8,320	100	8,310	100	187,422	100										
h. Commuting to campus (driving, walking, etc.) <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>				tmcommutehrs	0	0 hrs	314	55	2,995	34	3,883	45	85,269	41	2.4	4.2 *** ▽	-.32	3.1 *** ▽	-.15	3.7 *** ▽	-.23
				3	1-5 hrs	182	33	3,475	42	3,195	39	69,044	39								
				8	6-10 hrs	38	7	1,140	14	710	9	19,745	12								
				13	11-15 hrs	15	3	402	5	265	4	6,952	4								
				18	16-20 hrs	3	0	161	2	136	2	3,244	2								
				23	21-25 hrs	4	1	49	1	56	1	1,544	1								
				28	26-30 hrs	0	0	39	0	26	0	740	0								
				33	More than 30 hrs	1	0	82	1	49	1	1,592	1								
Total				557	100	8,343	100	8,320	100	188,130	100										
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																					
reading <i>(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)</i>				1	Very little	25	6	582	9	461	10	11,120	10	3.1	2.9 *** △	.20	2.8 *** △	.25	2.8 *** △	.24	
				2	Some	132	25	1,923	30	1,537	32	34,147	31								
				3	About half	170	31	2,052	31	1,536	28	34,871	30								
				4	Most	173	29	1,544	23	1,188	22	26,131	21								
				5	Almost all	56	9	530	8	399	7	9,748	8								
				Total				556	100	6,631	100	5,121	100								116,017
tmreadinghrs <i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>												8.4	6.5 *** ▲	.35	6.8 *** ▲	.27	6.8 *** ▲	.27			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b									
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)				1	0 hrs	1	0	24	0	19	0	459	0	2.8	2.9 ***	-0.16	2.8	-0.07	2.9 **	-0.13	
				2	More than zero, up to 5 hrs	183	35	3,260	51	2,336	48	53,086	49								
				3	More than 5, up to 10 hrs	191	35	2,039	30	1,624	31	35,048	30								
				4	More than 10, up to 15 hrs	81	14	670	10	574	10	13,174	10								
				5	More than 15, up to 20 hrs	55	9	319	5	276	5	7,053	5								
				6	More than 20, up to 25 hrs	31	5	207	3	203	4	4,757	4								
				7	More than 25 hrs	9	1	82	1	65	1	1,826	1								
				Total		551	100	6,601	100	5,097	100	115,403	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	48	9	562	7	656	8	13,636	8	2.8	2.9 ***	-0.16	2.8	-0.07	2.9 **	-0.13
				2	Some	164	29	2,121	25	2,274	27	47,028	25								
				3	Quite a bit	221	40	3,416	41	3,383	40	75,729	40								
				4	Very much	130	22	2,279	27	2,058	24	52,482	27								
				Total		563	100	8,378	100	8,371	100	188,875	100								
b. Speaking clearly and effectively				pgspeak	1	Very little	31	6	761	9	1,016	12	21,147	12	2.9	2.8 *	0.10	2.6 ***	0.24	2.7 ***	0.19
				2	Some	149	27	2,437	29	2,669	32	56,706	30								
				3	Quite a bit	241	44	3,181	38	3,036	37	68,826	36								
				4	Very much	140	24	1,987	24	1,630	20	41,583	22								
				Total		561	100	8,366	100	8,351	100	188,262	100								
c. Thinking critically and analytically				pgthink	1	Very little	10	2	290	4	280	4	6,134	4	3.1	3.1	0.08	3.0 *	0.09	3.1	0.04
				2	Some	110	20	1,680	20	1,698	20	34,533	19								
				3	Quite a bit	233	42	3,618	43	3,680	44	79,838	42								
				4	Very much	209	36	2,765	33	2,688	32	67,710	35								
				Total		562	100	8,353	100	8,346	100	188,215	100								
d. Analyzing numerical and statistical information				pganalyze	1	Very little	71	12	1,171	13	1,169	14	28,335	14	2.6	2.6	0.00	2.6	0.03	2.6	-0.02
				2	Some	190	34	2,809	33	2,841	34	59,305	31								
				3	Quite a bit	199	36	2,765	34	2,786	33	61,773	33								
				4	Very much	101	18	1,607	20	1,552	19	38,714	21								
				Total		561	100	8,352	100	8,348	100	188,127	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b						
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	86	15	1,390	17	1,179	14	25,149	14	2.6	2.5	.06	2.6	-.02	2.6	-.06
		2	Some	178	32	2,844	34	2,754	32	58,249	31							
		3	Quite a bit	191	34	2,540	30	2,819	34	62,781	33							
		4	Very much	107	19	1,578	19	1,590	19	42,086	22							
		Total		562	100	8,352	100	8,342	100	188,265	100							
f. Working effectively with others	pgothers	1	Very little	27	5	598	7	568	7	12,863	8	3.0	2.8 **	.13	2.8 ***	.16	2.8 **	.13
		2	Some	126	23	2,313	28	2,382	29	50,464	28							
		3	Quite a bit	237	43	3,236	38	3,330	40	74,057	39							
		4	Very much	170	29	2,187	26	2,040	24	50,479	26							
		Total		560	100	8,334	100	8,320	100	187,863	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	48	9	1,081	13	1,101	14	22,164	13	2.8	2.7 ***	.20	2.6 ***	.24	2.7 ***	.15
		2	Some	141	25	2,528	30	2,636	32	52,164	28							
		3	Quite a bit	213	39	2,880	34	2,897	34	64,903	34							
		4	Very much	160	27	1,863	22	1,695	20	48,737	24							
		Total		562	100	8,352	100	8,329	100	187,968	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	67	12	873	11	903	11	20,559	12	2.7	2.8	-.02	2.7	.06	2.7	.00
		2	Some	142	26	2,368	28	2,622	32	54,066	29							
		3	Quite a bit	213	38	2,964	35	2,985	35	64,658	34							
		4	Very much	141	24	2,148	26	1,828	22	48,867	25							
		Total		563	100	8,353	100	8,338	100	188,150	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	57	10	1,126	14	1,029	12	23,394	13	2.6	2.6	.05	2.6	.06	2.6	.01
		2	Some	191	35	2,845	34	2,934	35	61,700	33							
		3	Quite a bit	211	38	2,759	33	2,917	35	63,856	34							
		4	Very much	102	17	1,610	19	1,451	18	38,916	20							
		Total		561	100	8,340	100	8,331	100	187,866	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	54	10	1,145	14	1,096	13	23,676	13	2.8	2.6 ***	.19	2.6 ***	.20	2.6 ***	.14
		2	Some	146	27	2,762	33	2,814	34	59,231	32							
		3	Quite a bit	226	40	2,725	33	2,858	34	63,401	34							
		4	Very much	131	23	1,683	20	1,525	18	40,836	21							
		Total		557	100	8,315	100	8,293	100	187,144	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b								
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
18. How would you evaluate your entire educational experience at this institution?																				
		evalexp	1	Poor	6	1	140	2	133	2	2,831	2	3.4	▲	3.1 ***	.42	3.2 ***	.31	3.2 ***	.28
			2	Fair	31	6	1,059	13	898	11	19,987	11								
			3	Good	227	41	4,517	54	4,397	52	90,420	49								
			4	Excellent	300	52	2,693	31	2,941	36	75,711	38								
			Total		564	100	8,409	100	8,369	100	188,949	100								
19. If you could start over again, would you go to the same institution you are now attending?																				
		sameinst	1	Definitely no	15	2	318	4	278	3	6,618	4	3.4	▲	3.1 ***	.38	3.2 ***	.26	3.2 ***	.25
			2	Probably no	40	8	1,142	14	951	12	22,089	12								
			3	Probably yes	183	33	3,732	45	3,613	43	75,555	41								
			4	Definitely yes	325	57	3,207	36	3,534	42	84,802	43								
			Total		563	100	8,399	100	8,376	100	189,064	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a						Statistical Comparisons ^b									
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	7	1	534	3	348	2	7,260	2	3.3	3.1 ***	.24	3.1 ***	.20	3.2 ***	.17	
		2	Sometimes	139	17	5,098	25	4,115	24	73,250	23								
		3	Often	264	33	6,438	31	5,427	32	104,352	31								
		4	Very often	400	50	8,657	41	7,137	42	151,015	44								
		Total		810	100	20,727	100	17,027	100	335,877	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	226	28	3,896	19	3,743	22	67,111	20	2.2	2.5 ***	-.27	2.3 ***	-.16	2.5 ***	-.26	
		2	Sometimes	311	39	7,289	36	6,403	38	116,443	34								
		3	Often	165	20	5,333	26	4,023	24	84,224	25								
		4	Very often	108	13	4,095	20	2,773	16	66,612	20								
		Total		810	100	20,613	100	16,942	100	334,390	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	49	6	1,270	6	1,035	6	19,286	6	2.9	3.0 **	-.12	3.0 **	-.11	3.0 ***	-.17	
		2	Often	133	17	2,878	14	2,485	15	44,255	14								
		3	Sometimes	492	61	11,727	57	9,630	57	184,069	55								
		4	Never	133	16	4,716	23	3,734	22	85,906	25								
		Total		807	100	20,591	100	16,884	100	333,516	100								
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	277	34	9,121	45	6,862	41	134,636	42	2.0	1.8 ***	.18	1.9 **	.12	1.9 **	.11	
		2	Sometimes	350	44	7,543	37	6,639	39	124,373	37								
		3	Often	101	13	2,365	11	2,079	12	44,696	13								
		4	Very often	72	9	1,507	7	1,300	8	29,321	8								
		Total		800	100	20,536	100	16,880	100	333,026	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	56	8	2,359	12	1,701	11	45,263	14	2.6	2.4 ***	.21	2.5 ***	.18	2.4 ***	.26	
		2	Sometimes	324	39	9,320	46	7,529	45	150,248	46								
		3	Often	281	34	5,823	28	5,137	30	90,397	27								
		4	Very often	146	18	3,021	14	2,456	14	46,768	14								
		Total		807	100	20,523	100	16,823	100	332,676	100								
f. Explained course material to one or more students	CLexplain	1	Never	10	1	738	4	536	3	17,851	5	3.0	2.8 ***	.23	2.8 ***	.19	2.7 ***	.26	
		2	Sometimes	229	28	7,166	36	5,629	34	117,793	37								
		3	Often	342	43	7,724	38	6,691	40	121,022	37								
		4	Very often	209	27	4,436	22	3,623	22	69,782	21								
		Total		790	100	20,064	100	16,479	100	326,448	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	52	7	3,280	17	2,558	16	59,361	19	2.8	2.5 ***	.29	2.5 ***	.27	2.5 ***	.30	
		2	Sometimes	276	35	7,469	38	6,105	37	115,406	36								
		3	Often	269	34	5,368	26	4,588	27	87,639	26								
		4	Very often	189	25	3,993	19	3,233	19	64,257	19								
		Total		786	100	20,110	100	16,484	100	326,663	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	14	2	926	5	700	5	21,915	7	3.1	2.9 ***	.26	2.9 ***	.24	2.9 ***	.30	
		2	Sometimes	157	20	5,818	30	4,559	28	95,661	29								
		3	Often	316	40	7,046	35	6,021	36	111,866	34								
		4	Very often	302	38	6,254	31	5,165	31	96,394	30								
		Total		789	100	20,044	100	16,445	100	325,836	100								
i. Gave a course presentation	present	1	Never	42	5	1,843	10	1,259	8	38,695	12	2.9	2.8 ***	.14	2.8 **	.12	2.7 ***	.21	
		2	Sometimes	224	29	6,217	32	5,173	32	101,306	32								
		3	Often	295	37	6,434	32	5,636	34	103,043	31								
		4	Very often	217	28	5,456	26	4,312	26	81,600	25								
		Total		778	100	19,950	100	16,380	100	324,644	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	7	1	577	3	338	2	9,192	3	3.2	3.0 ***	.17	3.1 ***	.14	3.0 ***	.19	
		2	Sometimes	156	20	4,684	24	3,778	23	79,453	25								
		3	Often	312	40	7,682	39	6,417	40	125,872	39								
		4	Very often	300	39	6,756	34	5,602	35	106,487	33								
		Total		775	100	19,699	100	16,135	100	321,004	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	12	2	1,057	6	819	5	17,521	6	3.0	2.9 ***	.17	2.9 ***	.17	2.9 ***	.17	
		2	Sometimes	200	27	5,602	29	4,756	30	92,632	30								
		3	Often	304	40	7,112	36	5,824	36	115,168	36								
		4	Very often	250	32	5,692	28	4,548	28	91,993	28								
		Total		766	100	19,463	100	15,947	100	317,314	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	47	6	1,940	11	1,608	10	31,015	11	2.8	2.7 **	.11	2.7 ***	.12	2.7 **	.11	
		2	Sometimes	260	34	6,548	34	5,603	36	106,275	34								
		3	Often	258	33	6,183	31	4,939	31	101,949	31								
		4	Very often	200	26	4,807	24	3,812	23	78,426	24								
		Total		765	100	19,478	100	15,962	100	317,665	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b									
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
Item wording or description	Variable name ^c	Values ^d	Response options																		
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	11	1	924	5	714	5	13,289	4	2.9	2.9 **	.10	2.9 **	.10	2.9 *	.07			
		2	Sometimes	238	30	5,834	30	4,942	31	91,659	29								Δ	Δ	Δ
		3	Often	318	42	7,745	40	6,352	40	129,924	41										
		4	Very often	201	27	4,962	25	3,926	25	82,340	26										
		Total		768	100	19,465	100	15,934	100	317,212	100										
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	13	2	686	4	548	4	9,907	3	3.0	3.0 *	.08	2.9 **	.09	3.0 *	.08			
		2	Sometimes	180	23	4,970	26	4,289	27	82,313	26								Δ	Δ	Δ
		3	Often	352	46	8,008	41	6,506	41	132,149	41										
		4	Very often	220	29	5,746	29	4,560	28	92,235	29										
		Total		765	100	19,410	100	15,903	100	316,604	100										
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	5	1	423	2	329	2	6,187	2	3.1	3.0 ***	.14	2.9 ***	.17	3.0 ***	.14			
		2	Sometimes	169	22	5,243	28	4,527	29	85,573	28								Δ	Δ	Δ
		3	Often	349	46	7,966	41	6,586	41	132,269	42										
		4	Very often	235	31	5,729	29	4,410	27	91,609	29										
		Total		758	100	19,361	100	15,852	100	315,638	100										
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	0	231	1	140	1	3,009	1	3.4	3.2 ***	.16	3.3 ***	.14	3.3 ***	.14			
		2	Sometimes	82	11	2,818	15	2,334	15	45,090	15								Δ	Δ	Δ
		3	Often	315	42	7,901	41	6,561	42	130,790	42										
		4	Very often	356	47	8,300	42	6,732	42	135,303	42										
		Total		754	100	19,250	100	15,767	100	314,192	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	64	9	3,666	20	2,305	15	54,199	18	2.7	2.3 ***	.36	2.5 ***	.21	2.4 ***	.28			
		2	Sometimes	268	35	7,784	41	6,345	40	122,295	39								▲	Δ	Δ
		3	Often	253	34	4,580	23	4,161	26	79,068	24										
		4	Very often	172	22	3,275	16	3,032	19	59,826	18										
		Total		757	100	19,305	100	15,843	100	315,388	100										
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	230	30	9,080	48	6,193	40	137,533	46	2.2	1.9 ***	.37	2.0 ***	.21	1.9 ***	.30			
		2	Sometimes	251	34	5,420	28	5,033	32	90,127	28								▲	Δ	Δ
		3	Often	145	19	2,642	13	2,555	16	48,543	15										
		4	Very often	128	17	2,072	10	2,014	13	38,050	12										
		Total		754	100	19,214	100	15,795	100	314,253	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a						Statistical Comparisons ^b									
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	98	13	5,140	27	3,376	21	80,141	27	2.5	2.2 ***	.36	2.3 ***	.22	2.2 ***	.31	
		2	Sometimes	315	41	7,897	41	6,702	42	124,856	40								
		3	Often	226	31	3,884	20	3,598	23	67,664	21								
		4	Very often	115	16	2,293	11	2,092	13	41,321	13								
		Total		754	100	19,214	100	15,768	100	313,982	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	135	19	4,540	24	3,266	21	69,827	23	2.3	2.2 ***	.13	2.3	.04	2.2 *	.08	
		2	Sometimes	338	44	8,463	44	7,078	45	137,774	44								
		3	Often	198	26	3,939	20	3,469	22	66,970	21								
		4	Very often	82	11	2,219	11	1,923	12	38,550	12								
		Total		753	100	19,161	100	15,736	100	313,121	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	52	7	1,470	7	1,322	8	29,488	9	2.8	2.8	-.03	2.8	.02	2.7	.04	
		2	Some	241	32	5,789	30	4,837	31	97,890	31								
		3	Quite a bit	282	38	7,253	38	5,968	38	115,516	37								
		4	Very much	179	23	4,737	24	3,654	23	71,219	23								
		Total		754	100	19,249	100	15,781	100	314,113	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	11	2	543	3	391	3	8,178	3	3.2	3.1 *	.08	3.1	.06	3.1	.05	
		2	Some	132	17	3,337	18	2,722	17	53,349	17								
		3	Quite a bit	315	43	7,977	42	6,781	43	132,296	42								
		4	Very much	294	39	7,282	37	5,838	37	118,867	38								
		Total		752	100	19,139	100	15,732	100	312,690	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	25	3	682	4	510	3	10,147	3	3.1	3.1	.03	3.1	.05	3.1	.02	
		2	Some	130	17	3,558	19	3,146	20	58,167	19								
		3	Quite a bit	317	43	7,660	40	6,359	41	125,674	40								
		4	Very much	278	37	7,225	37	5,645	36	118,008	37								
		Total		750	100	19,125	100	15,660	100	311,996	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	35	5	896	5	839	6	14,939	5	3.0	3.0	.04	2.9 **	.11	3.0	.05	
		2	Some	148	20	4,298	23	3,939	25	70,491	23								
		3	Quite a bit	324	43	7,681	40	6,366	41	125,714	40								
		4	Very much	244	32	6,246	32	4,562	29	100,886	32								
		Total		751	100	19,121	100	15,706	100	312,030	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	24	3	868	5	744	5	13,319	5	3.0	3.0	.03	2.9 *	.08	3.0	.02	
		2	Some	163	22	4,296	23	3,896	25	69,961	23								
		3	Quite a bit	335	46	7,746	41	6,469	41	127,688	41								
		4	Very much	221	29	6,147	31	4,552	29	100,271	32								
		Total		743	100	19,057	100	15,661	100	311,239	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	10	1	335	2	277	2	5,861	2	3.3	3.2 **	.10	3.2 ***	.13	3.2 **	.10	
		2	Some	88	12	2,888	15	2,445	15	47,296	15								
		3	Quite a bit	328	44	8,256	43	7,125	45	134,301	42								
		4	Very much	329	43	7,768	40	5,924	38	126,814	40								
		Total		755	100	19,247	100	15,771	100	314,272	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	11	1	436	2	320	2	7,302	3	3.3	3.1 ***	.15	3.1 ***	.15	3.2 ***	.12	
		2	Some	85	11	3,301	18	2,670	17	50,333	16								
		3	Quite a bit	360	48	8,551	44	7,335	46	138,894	44								
		4	Very much	295	39	6,898	36	5,405	35	116,849	37								
		Total		751	100	19,186	100	15,730	100	313,378	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	8	1	568	3	368	2	9,340	3	3.3	3.2 ***	.18	3.2 ***	.18	3.2 ***	.19	
		2	Some	77	10	3,207	17	2,611	17	53,254	17								
		3	Quite a bit	335	45	7,491	39	6,459	41	123,245	39								
		4	Very much	334	44	7,882	40	6,244	40	126,838	40								
		Total		754	100	19,148	100	15,682	100	312,677	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	59	8	1,784	10	1,520	10	31,428	11	2.8	2.8	.03	2.8	.05	2.8	.04	
		2	Some	208	28	5,285	28	4,525	29	84,546	28								
		3	Quite a bit	270	36	6,410	33	5,378	34	103,254	33								
		4	Very much	215	28	5,673	29	4,263	28	93,354	29								
		Total		752	100	19,152	100	15,686	100	312,582	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	40	5	1,323	7	1,074	7	19,907	7	2.9	2.9	.07	2.9 *	.08	2.9	.04	
		2	Some	177	24	5,038	27	4,340	27	78,830	26								
		3	Quite a bit	326	44	7,176	38	6,020	39	119,261	38								
		4	Very much	205	28	5,531	28	4,162	27	93,407	30								
		Total		748	100	19,068	100	15,596	100	311,405	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

Item wording or description		Variable name ^c		Values ^d		Response options		Frequency Distributions ^a								Statistical Comparisons ^b					
								JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with			
								Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
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	101	12	2,678	14	2,239	13	43,296	13	2.6	2.6	.04	2.6	.03	2.6	.01		
			2	Sometimes	253	32	6,529	33	5,392	33	103,353	32									
			3	Often	253	34	6,105	32	4,927	32	100,308	33									
			4	Very often	147	21	3,896	21	3,177	21	66,801	22									
			Total		754	100	19,208	100	15,735	100	313,758	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)		QRproblem	1	Never	152	19	3,799	20	3,136	19	60,880	19	2.5	2.4	.07	2.4	.07	2.4	.05		
			2	Sometimes	266	34	7,094	37	5,945	37	115,511	36									
			3	Often	195	27	5,078	27	4,076	26	84,565	27									
			4	Very often	139	20	3,189	17	2,535	17	52,152	17									
			Total		752	100	19,160	100	15,692	100	313,108	100									
c. Evaluated what others have concluded from numerical information		QRevaluate	1	Never	123	15	3,620	19	2,815	17	56,980	18	2.5	2.4 ***	.14	2.4 **	.12	2.4 ***	.12		
			2	Sometimes	277	36	7,288	38	6,111	38	118,484	38									
			3	Often	207	28	5,201	28	4,336	28	87,970	28									
			4	Very often	144	21	2,987	16	2,400	16	48,809	16									
			Total		751	100	19,096	100	15,662	100	312,243	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																					
a. Up to 5 pages		wrshortnum	0	None	28	4	879	5	593	4	14,438	6	7.6	7.5	.01	8.2 **	-0.09	7.8	-0.03		
		(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	133	18	3,245	19	2,474	17	51,985	19									
			4	3-5	189	28	5,024	29	3,933	28	78,314	28									
			8	6-10	174	25	3,854	22	3,243	23	63,571	22									
			13	11-15	86	12	1,785	10	1,673	11	31,707	11									
			18	16-20	49	7	1,021	6	1,029	7	18,831	6									
			23	More than 20	43	6	1,493	8	1,467	10	27,576	9									
			Total		702	100	17,301	100	14,412	100	286,422	100									
b. Between 6 and 10 pages		wrmednum	0	None	145	21	3,347	20	2,706	19	55,169	21	3.1	3.4	-0.07	3.5 *	-0.08	3.6 **	-0.10		
		(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	247	36	6,271	37	5,159	37	99,693	35									
			4	3-5	214	30	4,554	27	3,904	27	76,206	26									
			8	6-10	56	8	1,915	11	1,590	11	33,889	12									
			13	11-15	19	3	535	3	484	3	10,132	4									
			18	16-20	8	1	220	1	203	1	4,159	2									
			23	More than 20	4	1	181	1	140	1	3,698	1									
			Total		693	100	17,023	100	14,186	100	282,946	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
Item wording or description	Variable name ^c	Values ^d	Response options																
c. 11 pages or more	wrlongnum	0	None	247	36	7,133	43	5,597	40	114,648	42	1.8	2.0	-.05	1.9	-.04	2.0 *	-0.06	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	306	44	6,347	38	5,742	41	107,194	38								
		4	3-5	104	16	1,985	12	1,740	12	34,910	12								
		8	6-10	13	2	623	4	479	4	10,661	4								
		13	11-15	9	1	248	2	193	1	4,375	2								
		18	16-20	1	0	130	1	82	1	2,148	1								
		23	More than 20	3	1	179	1	131	1	3,025	1								
		Total			683	100	16,645	100	13,964	100	276,961	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.)									73.9	75.8	-.02	78.9	-.06	79.1	-.06	
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	31	4	804	5	732	5	14,243	5	3.0	3.2 ***	-0.15	3.0	.05	3.1 *	-0.09	
		2	Sometimes	191	26	3,822	20	4,176	28	69,447	22								
		3	Often	218	31	4,909	27	4,346	29	83,151	28								
		4	Very often	276	39	8,496	48	5,601	38	130,445	45								
			Total	716	100	18,031	100	14,855	100	297,286	100								
b. People from an economic background other than your own	DDeconomic	1	Never	19	3	723	4	558	4	11,800	4	3.1	3.1	-.05	3.1	.05	3.1	-.03	
		2	Sometimes	171	23	3,687	20	3,539	24	63,621	21								
		3	Often	251	36	5,841	32	5,218	35	97,261	33								
		4	Very often	273	39	7,718	43	5,501	37	123,840	42								
			Total	714	100	17,969	100	14,816	100	296,522	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	20	3	1,003	6	724	5	17,868	6	3.2	3.1 **	.10	3.0 ***	.14	3.0 ***	.12	
		2	Sometimes	150	21	4,083	23	3,732	25	74,122	24								
		3	Often	243	33	5,248	29	4,627	31	86,009	29								
		4	Very often	301	43	7,597	42	5,696	39	117,726	41								
			Total	714	100	17,931	100	14,779	100	295,725	100								
d. People with political views other than your own	DDpolitical	1	Never	22	3	1,060	6	706	5	15,345	5	3.2	3.0 ***	.16	3.1 ***	.15	3.1 ***	.13	
		2	Sometimes	132	18	4,243	24	3,523	23	71,151	23								
		3	Often	256	36	5,419	30	4,909	33	91,717	31								
		4	Very often	300	43	7,130	40	5,587	38	116,416	40								
			Total	710	100	17,852	100	14,725	100	294,629	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	14	2	338	2	294	2	5,198	2	3.3	3.3	.05	3.2 **	.11	3.3	.04	
		2	Sometimes	91	13	2,652	15	2,523	17	42,971	15								
		3	Often	272	38	6,813	38	5,653	38	112,295	38								
		4	Very often	337	47	8,166	45	6,295	42	135,469	45								
		Total		714	100	17,969	100	14,765	100	295,933	100								
b. Reviewed your notes after class	LSnotes	1	Never	62	9	1,088	6	1,165	8	21,622	7	2.7	2.9 ***	-0.17	2.8	-0.06	2.9 ***	-0.15	
		2	Sometimes	250	36	5,322	30	4,835	33	87,018	29								
		3	Often	198	27	5,493	31	4,467	31	90,452	31								
		4	Very often	200	28	6,018	33	4,254	29	95,942	33								
		Total		710	100	17,921	100	14,721	100	295,034	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	56	8	1,234	7	1,127	8	19,490	7	2.8	2.9 *	-0.10	2.8	-0.05	2.9 ***	-0.13	
		2	Sometimes	225	32	4,995	28	4,362	30	81,080	28								
		3	Often	230	33	6,030	34	5,032	35	100,260	34								
		4	Very often	189	26	5,478	30	4,060	28	91,256	31								
		Total		700	100	17,737	100	14,581	100	292,086	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
	challenge	1	Not at all	1	0	99	1	78	1	1,543	1	5.6	5.7	-0.06	5.6	.00	5.7 *	-0.07	
		2		6	1	194	1	189	1	3,349	1								
		3		18	3	470	3	415	3	7,969	3								
		4		54	8	1,479	9	1,253	9	23,565	8								
		5		205	29	4,770	27	4,349	29	79,458	27								
		6		297	42	5,833	32	5,076	34	96,126	32								
		7	Very much	125	17	5,040	28	3,354	23	82,841	28								
		Total		706	100	17,885	100	14,714	100	294,851	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	27	4	1,363	8	838	6	21,597	8	67%	46% ***	.43	55% ***	.26	50% ***	.36	
		(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	89	13	2,973	17	2,315	16	53,618	19								
			Plan to do	114	16	4,938	29	3,357	23	65,759	23								
			Done or in progress	479	67	8,615	46	8,201	55	154,113	50								
			Total	709	100	17,889	100	14,711	100	295,087	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

			Frequency Distributions ^a								Statistical Comparisons ^b								
			JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with						
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	32	4	2,015	12	1,119	8	28,538	10	58%	29% ***	.60	40% ***	.36	36% ***	.45	
			Do not plan to do	230	33	8,964	51	6,602	46	132,874	46								
			Plan to do	30	4	1,444	8	902	6	20,652	7								
			Done or in progress	416	58	5,423	29	6,064	40	112,258	36								
			Total	708	100	17,846	100	14,687	100	294,322	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	46	7	2,397	14	1,401	10	34,725	12	35%	22% ***	.30	26% ***	.20	24% ***	.23	
			Do not plan to do	381	54	9,599	54	8,331	57	160,094	55								
			Plan to do	27	4	1,697	10	1,018	7	24,092	9								
			Done or in progress	250	35	4,115	22	3,895	26	74,803	24								
			Total	704	100	17,808	100	14,645	100	293,714	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	44	6	2,447	14	1,308	9	32,140	12	25%	9% ***	.44	14% ***	.26	14% ***	.27	
			Do not plan to do	451	66	12,308	69	10,284	71	194,817	67								
			Plan to do	25	4	1,372	8	861	6	20,390	7								
			Done or in progress	185	25	1,650	9	2,176	14	46,146	14								
			Total	705	100	17,777	100	14,629	100	293,493	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	55	8	3,056	18	1,793	12	41,316	15	33%	19% ***	.33	25% ***	.17	24% ***	.20	
			Do not plan to do	369	52	8,805	49	7,466	50	142,038	48								
			Plan to do	47	7	2,408	14	1,650	12	34,106	13								
			Done or in progress	230	33	3,416	19	3,679	25	74,715	24								
			Total	701	100	17,685	100	14,588	100	292,175	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	32	4	2,044	12	1,004	7	25,794	9	61%	41% ***	.41	53% ***	.16	46% ***	.30	
			Do not plan to do	158	23	4,215	24	2,958	19	60,845	21								
			Plan to do	80	11	4,063	23	3,070	21	65,115	23								
			Done or in progress	434	61	7,411	41	7,588	53	141,381	46								
			Total	704	100	17,733	100	14,620	100	293,135	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse		1 None	223	33	6,036	35	5,244	37	109,581	39	1.8	1.8	-.04	1.8	.00	1.7	.03	
			2 Some	432	61	9,487	53	7,837	53	150,868	50								
			3 Most	39	5	1,961	10	1,361	9	28,219	9								
			4 All	9	1	286	2	190	1	4,474	2								
			Total	703	100	17,770	100	14,632	100	293,142	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

			Frequency Distributions ^a								Statistical Comparisons ^b						
			JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with				
Item wording or description	Variable name ^c	Values ^d Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
13. Indicate the quality of your interactions with the following people at your institution.																	
a. Students	QIstudent	1 Poor	3	0	163	1	123	1	2,990	1	6.1	5.7 ***	.32	5.7 ***	.33	5.7 ***	.29
		2	5	1	278	2	238	2	4,395	2							
		3	13	2	663	4	538	4	10,342	4							
		4	35	5	1,502	9	1,226	8	23,892	8							
		5	105	15	3,935	22	3,288	22	61,572	21							
		6	223	31	5,490	31	4,797	32	89,869	30							
		7 Excellent	322	46	5,726	32	4,419	30	98,376	33							
		— Not applicable	2	0	125	1	89	1	3,482	1							
		Total	708	100	17,882	100	14,718	100	294,918	100							
b. Academic advisors	QIadvisor	1 Poor	30	4	1,001	6	825	6	14,183	5	5.0	5.1	-.01	5.0	.01	5.2 *	-.09
		2	46	7	1,064	6	936	6	15,313	5							
		3	59	8	1,408	8	1,254	8	21,176	7							
		4	106	15	2,210	13	1,918	13	33,861	12							
		5	142	19	3,220	18	2,722	18	50,694	17							
		6	133	19	3,653	20	2,996	20	62,287	21							
		7 Excellent	182	27	4,890	27	3,781	26	92,578	31							
		— Not applicable	10	1	392	2	256	2	4,278	2							
		Total	708	100	17,838	100	14,688	100	294,370	100							
c. Faculty	QIfaculty	1 Poor	2	0	261	2	159	1	3,981	2	5.8	5.5 ***	.21	5.6 ***	.18	5.6 ***	.17
		2	7	1	384	2	251	2	5,792	2							
		3	17	2	782	5	612	4	12,102	4							
		4	49	7	1,913	11	1,509	10	28,249	10							
		5	163	22	3,907	22	3,483	23	62,380	21							
		6	261	37	5,470	30	4,848	33	91,691	31							
		7 Excellent	201	29	4,870	27	3,668	26	86,231	29							
		— Not applicable	1	0	143	1	60	0	2,199	1							
		Total	701	100	17,730	100	14,590	100	292,625	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	15	2	967	6	605	4	14,478	5	5.3	4.8 ***	.29	4.8 ***	.27	4.9 ***	.25	
		2		21	3	904	5	729	5	14,471	5								
		3		35	5	1,307	7	1,102	7	20,874	7								
		4		100	14	2,214	12	2,054	14	36,836	12								
		5		152	21	3,048	17	3,040	20	52,936	18								
		6		173	24	3,107	17	2,827	19	53,688	18								
		7	Excellent	151	22	2,683	15	2,049	14	49,350	16								
		—	Not applicable	59	8	3,540	21	2,234	16	50,669	18								
	Total			706	100	17,770	100	14,640	100	293,302	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	20	3	1,009	6	749	5	16,340	6	5.2	4.8 ***	.22	4.8 ***	.25	4.8 ***	.20	
		2		22	3	1,103	6	912	6	17,388	6								
		3		41	6	1,525	9	1,257	9	24,999	9								
		4		103	15	2,765	15	2,487	17	43,049	15								
		5		167	23	3,720	21	3,361	22	60,509	20								
		6		177	25	3,704	21	3,022	21	61,832	21								
		7	Excellent	134	20	3,116	18	2,157	15	56,337	19								
		—	Not applicable	40	6	861	5	709	5	13,299	5								
	Total			704	100	17,803	100	14,654	100	293,753	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	8	1	344	2	278	2	5,403	2	3.1	3.2	-.05	3.1	-.03	3.2 *	-.09	
		2	Some	108	17	2,838	17	2,449	17	42,831	16								
		3	Quite a bit	345	51	7,434	44	6,381	46	121,970	44								
		4	Very much	207	31	6,306	37	4,846	35	110,453	38								
			Total			668	100	16,922	100	13,954	100								280,657
b. Providing support to help students succeed academically	SEacademic	1	Very little	17	3	833	5	619	5	12,837	5	3.2	2.9 ***	.34	3.0 ***	.32	3.0 ***	.28	
		2	Some	93	14	3,979	24	3,289	24	60,596	23								
		3	Quite a bit	273	41	7,086	42	6,127	44	115,471	41								
		4	Very much	284	42	4,893	28	3,821	28	89,845	31								
			Total			667	100	16,791	100	13,856	100								278,749
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	29	5	1,531	10	1,175	9	22,441	9	3.2	2.8 ***	.34	2.8 ***	.35	2.9 ***	.28	
		2	Some	115	18	4,237	26	3,641	26	66,200	24								
		3	Quite a bit	230	35	6,229	37	5,338	38	103,626	37								
		4	Very much	288	42	4,837	28	3,707	27	86,762	30								
			Total			662	100	16,834	100	13,861	100								279,029

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a						Statistical Comparisons ^b									
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
Item wording or description	Variable name ^c	Values ^d	Response options																
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	84	13	2,597	16	2,421	18	43,484	16	2.6	2.6	.03	2.5 ***	.14	2.6	.03	
		2	Some	237	35	5,280	31	4,876	35	88,219	31								
		3	Quite a bit	202	31	5,250	31	4,069	29	84,412	30								
		4	Very much	141	22	3,719	22	2,531	18	63,417	23								
		Total		664	100	16,846	100	13,897	100	279,532	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	9	1	1,269	8	867	7	22,601	9	3.4	2.8 ***	.59	2.9 ***	.52	2.9 ***	.54	
		2	Some	75	12	4,379	27	3,365	25	68,522	25								
		3	Quite a bit	236	36	6,486	38	5,637	40	104,962	37								
		4	Very much	344	51	4,698	27	4,038	29	83,235	29								
		Total		664	100	16,832	100	13,907	100	279,320	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	17	3	1,644	10	1,131	9	29,843	11	3.3	2.8 ***	.57	2.9 ***	.50	2.8 ***	.57	
		2	Some	79	12	4,244	26	3,336	24	70,823	26								
		3	Quite a bit	225	34	6,214	37	5,421	39	100,342	36								
		4	Very much	337	51	4,662	27	3,937	29	77,068	27								
		Total		658	100	16,764	100	13,825	100	278,076	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	103	16	5,738	35	4,657	34	90,308	34	2.5	2.1 ***	.42	2.1 ***	.44	2.1 ***	.38	
		2	Some	252	37	5,841	35	5,115	37	96,640	34								
		3	Quite a bit	195	30	3,351	20	2,728	20	57,955	20								
		4	Very much	109	17	1,828	11	1,320	10	33,053	12								
		Total		659	100	16,758	100	13,820	100	277,956	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	17	3	2,414	15	1,427	11	38,535	15	3.2	2.6 ***	.63	2.7 ***	.51	2.7 ***	.51	
		2	Some	105	16	5,314	32	4,244	30	75,938	28								
		3	Quite a bit	283	43	5,658	33	5,135	37	95,676	34								
		4	Very much	254	38	3,333	19	2,976	22	67,047	23								
		Total		659	100	16,719	100	13,782	100	277,196	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	59	9	2,973	19	2,200	16	49,836	19	2.7	2.4 ***	.31	2.4 ***	.31	2.4 ***	.28	
		2	Some	212	32	6,029	36	5,390	39	95,562	35								
		3	Quite a bit	245	37	5,054	30	4,229	30	83,406	29								
		4	Very much	141	22	2,641	15	1,942	14	47,874	17								
		Total		657	100	16,697	100	13,761	100	276,678	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
Item wording or description	Variable name ^c	Values ^d	Response options																
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	58	0	37	0	887	0	14.6	14.5	.02	15.0	-.04	15.0	-.03	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	74	11	2,398	15	1,807	13	37,192	14								
	8	6-10 hrs	163	25	4,121	25	3,191	23	64,744	23									
	13	11-15 hrs	162	25	3,405	20	2,910	21	55,000	20									
	18	16-20 hrs	114	17	2,810	17	2,405	17	48,427	17									
	23	21-25 hrs	67	10	1,649	10	1,463	11	30,144	11									
	28	26-30 hrs	33	5	1,099	6	887	6	19,111	7									
	33	More than 30 hrs	46	7	1,273	8	1,137	8	23,403	8									
	Total			659	100	16,813	100	13,837	100	278,908	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	97	15	8,288	51	5,161	39	119,392	45	7.4	3.8 ***	.57	4.9 ***	.37	4.5 ***	.43	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	247	37	4,673	27	4,620	33	80,365	28								
	8	6-10 hrs	141	21	1,739	10	1,832	13	34,740	12									
	13	11-15 hrs	85	14	895	5	965	7	18,602	6									
	18	16-20 hrs	46	7	553	3	592	4	11,635	4									
	23	21-25 hrs	25	4	255	1	288	2	5,964	2									
	28	26-30 hrs	11	2	129	1	140	1	2,807	1									
33	More than 30 hrs	6	1	185	1	167	1	3,864	1										
	Total			658	100	16,717	100	13,765	100	277,369	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	413	63	13,026	79	9,713	71	192,807	72	4.1	3.0 ***	.16	3.9	.02	3.7	.05	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	45	7	516	3	571	4	14,529	4								
	8	6-10 hrs	88	13	924	5	1,153	8	25,468	8									
	13	11-15 hrs	61	9	832	5	972	7	17,735	6									
	18	16-20 hrs	33	5	884	5	842	6	16,631	6									
	23	21-25 hrs	14	2	253	1	265	2	4,724	2									
	28	26-30 hrs	1	0	106	1	96	1	2,057	1									
33	More than 30 hrs	4	1	203	1	173	1	3,903	1										
	Total			659	100	16,744	100	13,785	100	277,854	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
Item wording or description	Variable name ^c	Values ^d	Response options																
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	448	68	6,483	38	6,393	47	127,326	45	4.2	13.3 ***	-.70	10.1 ***	-.50	12.0 ***	-.58	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	44	7	829	5	841	6	14,273	5								
	8	6-10 hrs	47	7	1,056	6	1,001	7	17,031	6									
	13	11-15 hrs	51	7	1,194	7	1,008	7	17,041	6									
	18	16-20 hrs	33	5	1,714	10	1,354	10	22,047	8									
	23	21-25 hrs	17	3	1,453	9	1,057	8	17,139	6									
	28	26-30 hrs	9	2	1,112	7	729	5	12,840	5									
	33	More than 30 hrs	11	2	2,842	18	1,328	11	48,675	19									
Total				660	100	16,683	100	13,711	100	276,372	100								
Estimated number of hours working for pay	tmworkhrs	(Continuous variable created by NSSE)										8.2	16.2 ***	-.61	13.9 ***	-.47	15.5 ***	-.55	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	230	35	8,070	50	6,717	50	131,897	49	3.6	3.3	.04	2.8 ***	.15	3.1 *	.09	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	321	48	5,510	32	5,090	36	101,206	35								
	8	6-10 hrs	62	10	1,520	9	1,012	7	22,324	8									
	13	11-15 hrs	22	4	661	4	396	3	9,025	3									
	18	16-20 hrs	13	2	441	3	217	2	5,350	2									
	23	21-25 hrs	6	1	140	1	113	1	2,372	1									
	28	26-30 hrs	1	0	103	1	49	0	1,167	0									
33	More than 30 hrs	5	1	158	1	74	1	2,216	1										
Total				660	100	16,603	100	13,668	100	275,557	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	4	1	494	3	255	2	7,793	3	13.1	10.7 ***	.29	11.9 ***	.15	10.7 ***	.29	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	93	14	4,850	29	3,117	23	78,344	28								
	8	6-10 hrs	192	29	4,684	28	3,853	28	77,665	28									
	13	11-15 hrs	159	24	2,883	17	2,802	20	49,226	18									
	18	16-20 hrs	108	17	1,745	11	1,690	12	30,856	11									
	23	21-25 hrs	47	8	834	5	900	7	14,432	5									
	28	26-30 hrs	20	3	412	2	436	3	6,877	3									
33	More than 30 hrs	33	5	756	5	680	5	11,468	4										
Total				656	100	16,658	100	13,733	100	276,661	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	571	86	10,021	60	10,267	74	176,864	63	1.5	6.4 ***	-0.46	4.1 ***	-0.29	6.5 ***	-0.44	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	34	5	2,054	13	1,151	8	28,510	11								
	8	6-10 hrs	21	3	1,016	6	505	4	13,776	5									
	13	11-15 hrs	12	2	623	4	309	2	8,643	3									
	18	16-20 hrs	12	2	503	3	246	2	7,428	3									
	23	21-25 hrs	1	0	266	2	144	1	4,414	2									
	28	26-30 hrs	1	0	222	1	81	1	3,610	1									
	33	More than 30 hrs	8	1	1,912	11	961	7	32,820	12									
	Total			660	100	16,617	100	13,664	100	276,065	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	26	4	1,865	11	1,778	13	64,727	21	4.2	5.4 ***	-0.22	4.5	-0.06	4.6 *	-0.07	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	518	79	9,550	56	8,826	63	146,793	53								
	8	6-10 hrs	85	13	3,538	22	2,150	16	42,441	16									
	13	11-15 hrs	14	2	1,004	6	597	4	12,540	5									
	18	16-20 hrs	7	1	355	2	197	1	4,767	2									
	23	21-25 hrs	4	1	140	1	89	1	2,095	1									
	28	26-30 hrs	2	0	95	1	39	0	1,179	0									
	33	More than 30 hrs	2	0	172	1	95	1	2,700	1									
	Total			658	100	16,719	100	13,771	100	277,242	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	66	10	1,562	11	1,124	14	19,344	12	3.1	3.0	.07	2.9 ***	.17	2.9 **	.11	
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	155	25	3,418	25	2,238	27	41,534	26								
	3	About half	159	24	3,866	28	2,163	26	44,996	27									
	4	Most	191	28	3,515	25	1,980	23	40,406	24									
	5	Almost all	90	13	1,592	11	836	9	18,097	11									
	Total		661	100	13,953	100	8,341	100	164,377	100									
	tmreadinghrs											7.8	7.5	.05	7.3 *	.08	7.4	.06	
	(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol	1	0 hrs	0	0	45	0	21	0	536	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	255	40	6,226	46	3,727	46	72,082	46								
		3	More than 5, up to 10 hrs	220	34	4,118	30	2,577	31	49,439	30								
		4	More than 10, up to 15 hrs	90	13	1,556	11	904	11	18,391	11								
		5	More than 15, up to 20 hrs	46	7	908	6	523	6	11,121	6								
		6	More than 20, up to 25 hrs	27	4	709	5	372	4	8,220	5								
		7	More than 25 hrs	16	2	316	2	167	2	3,663	2								
			Total	654	100	13,878	100	8,291	100	163,452	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	28	4	945	6	876	7	15,749	6	3.2	3.0 **	.12	3.0 ***	.18	3.1 **	.11
		2	Some	123	20	3,339	20	3,055	22	55,106	20							
		3	Quite a bit	222	33	6,312	38	5,141	37	100,311	36							
		4	Very much	286	43	6,172	36	4,720	34	107,096	38							
			Total	659	100	16,768	100	13,792	100	278,262	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	19	3	1,200	8	1,036	8	21,256	8	3.2	2.9 ***	.28	2.9 ***	.29	2.9 ***	.27
		2	Some	117	19	3,844	23	3,284	24	61,813	23							
		3	Quite a bit	232	35	6,246	37	5,126	37	99,803	36							
		4	Very much	288	43	5,429	32	4,305	31	94,448	33							
			Total	656	100	16,719	100	13,751	100	277,320	100							
c. Thinking critically and analytically	pgthink	1	Very little	12	2	440	3	354	3	6,389	3	3.4	3.3 ***	.21	3.3 ***	.17	3.3 ***	.14
		2	Some	54	9	2,194	14	1,777	13	33,079	13							
		3	Quite a bit	229	35	6,263	38	5,099	37	98,338	35							
		4	Very much	358	55	7,799	46	6,504	47	139,350	49							
			Total	653	100	16,696	100	13,734	100	277,156	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	83	12	1,945	11	1,691	12	32,458	11	2.9	2.8 *	.09	2.8 **	.12	2.8	.06
		2	Some	172	25	4,671	28	4,041	29	75,163	27							
		3	Quite a bit	177	26	5,220	32	4,217	31	85,495	31							
		4	Very much	224	37	4,874	29	3,779	28	83,996	31							
			Total	656	100	16,710	100	13,728	100	277,112	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b									
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with							
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	29	4	1,534	10	1,162	9	23,042	9	3.2	2.9 ***	.34	3.0 ***	.25	3.0 ***	.27			
		2	Some	106	16	3,935	24	3,043	22	61,409	22								▲	▲	▲
		3	Quite a bit	205	32	5,474	33	4,462	32	90,713	32										
		4	Very much	316	47	5,795	33	5,092	37	102,451	36										
		Total		656	100	16,738	100	13,759	100	277,615	100										
f. Working effectively with others	pgothers	1	Very little	15	2	892	6	612	5	14,084	6	3.4	3.0 ***	.40	3.1 ***	.35	3.0 ***	.37			
		2	Some	69	11	3,526	22	2,805	21	56,766	21								▲	▲	▲
		3	Quite a bit	220	33	6,176	37	5,164	38	101,209	36										
		4	Very much	350	54	6,088	35	5,139	37	104,783	37										
		Total		654	100	16,682	100	13,720	100	276,842	100										
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	46	8	2,138	14	1,799	14	31,200	13	3.1	2.8 ***	.30	2.7 ***	.32	2.8 ***	.24			
		2	Some	125	20	4,302	26	3,642	27	66,426	25								▲	▲	▲
		3	Quite a bit	213	32	5,243	31	4,420	32	87,423	31										
		4	Very much	271	41	5,015	29	3,874	28	92,164	32										
		Total		655	100	16,698	100	13,735	100	277,213	100										
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	52	8	1,677	11	1,499	11	29,425	11	2.9	2.8	.04	2.7 ***	.14	2.8	.06			
		2	Some	186	28	4,414	26	4,089	30	74,754	27										
		3	Quite a bit	216	32	5,388	32	4,472	32	88,258	31								▲		
		4	Very much	202	31	5,228	31	3,682	27	84,878	30										
		Total		656	100	16,707	100	13,742	100	277,315	100										
i. Solving complex real-world problems	pgprobsolve	1	Very little	43	7	1,821	12	1,369	10	26,306	10	3.0	2.8 ***	.26	2.8 ***	.22	2.8 ***	.20			
		2	Some	151	23	4,611	28	3,839	28	74,571	27								▲	▲	▲
		3	Quite a bit	224	34	5,687	34	4,701	34	94,900	34										
		4	Very much	238	37	4,578	27	3,832	28	81,345	29										
		Total		656	100	16,697	100	13,741	100	277,122	100										
j. Being an informed and active citizen	pgcitizen	1	Very little	39	6	2,165	14	1,834	14	34,545	13	3.0	2.7 ***	.35	2.7 ***	.39	2.7 ***	.33			
		2	Some	146	23	4,805	29	4,275	31	79,306	29								▲	▲	▲
		3	Quite a bit	221	32	5,386	32	4,359	32	88,456	32										
		4	Very much	244	39	4,285	25	3,224	24	73,485	26										
		Total		650	100	16,641	100	13,692	100	275,792	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

James Madison University

Seniors

Item wording or description				Frequency Distributions ^a								Statistical Comparisons ^b										
				JMU		Community Engaged		IPEDS Comparison		NSSE 2013 & 2014		JMU		Your seniors compared with								
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e				
18. How would you evaluate your entire educational experience at this institution?																						
		Variable name ^c	Values ^d	Response options																		
		evalexp	1	Poor	2	0	370	2	262	2	5,494	2	3.6	▲	3.2 ***	.54	▲	3.3 ***	.47	▲	3.3 ***	.43
		2	Fair	28	5	1,902	12	1,427	11	27,685	11											
		3	Good	200	30	8,083	48	6,542	46	120,557	44											
		4	Excellent	430	65	6,412	37	5,574	41	124,577	43											
		Total		660	100	16,767	100	13,805	100	278,313	100											
19. If you could start over again, would you go to the same institution you are now attending?																						
		sameinst	1	Definitely no	11	2	718	5	560	4	12,150	5	3.5	▲	3.2 ***	.45	▲	3.2 ***	.37	▲	3.2 ***	.37
		2	Probably no	46	7	2,219	14	1,677	12	33,891	13											
		3	Probably yes	168	26	6,928	42	5,529	40	104,166	38											
		4	Definitely yes	435	65	6,918	40	6,050	44	128,403	45											
		Total		660	100	16,783	100	13,816	100	278,610	100											

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics^g

James Madison University

First-Year Students

Variable Name	N		Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	JMU	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:			
														Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	
1 a. askquest	786	2.82	2.78	2.80	2.87	.029	.008	.008	.002	.82	.85	.84	.85	11,532	11,489	186,544	.240	.521	.068	.04	.02	-.07	
b. drafts	783	2.38	2.56	2.49	2.54	.034	.009	.009	.002	.96	.98	.97	.99	11,483	11,448	789	.000	.002	.000	-.19	-.12	-.16	
c. unpreparedr	780	2.99	3.02	2.99	3.03	.026	.007	.007	.002	.72	.77	.76	.77	912	11,423	786	.192	.948	.075	-.05	.00	-.06	
d. attendart	776	2.05	1.95	1.98	1.99	.034	.009	.009	.002	.96	.93	.91	.94	11,408	879	184,528	.005	.038	.070	.10	.08	.07	
e. CLaskhelp	779	2.64	2.57	2.59	2.57	.030	.008	.008	.002	.84	.87	.85	.88	11,393	11,367	785	.017	.095	.012	.09	.06	.09	
f. CLexplain	753	2.78	2.69	2.71	2.71	.028	.008	.008	.002	.77	.81	.79	.82	877	873	759	.003	.016	.012	.11	.09	.09	
g. CLstudy	753	2.57	2.48	2.51	2.53	.032	.009	.009	.002	.89	.96	.93	.97	883	11,031	759	.008	.086	.177	.09	.06	.05	
h. CLproject	744	2.74	2.59	2.64	2.60	.029	.008	.008	.002	.79	.85	.82	.87	872	863	751	.000	.001	.000	.18	.12	.16	
i. present	739	2.47	2.32	2.27	2.23	.030	.009	.009	.002	.83	.90	.86	.90	871	10,919	177,509	.000	.000	.000	.17	.23	.27	
2 a. RIntegrate	724	2.77	2.69	2.70	2.68	.030	.009	.008	.002	.79	.86	.84	.86	851	844	730	.005	.013	.002	.10	.09	.11	
b. RIsocietal	710	2.73	2.63	2.60	2.61	.031	.009	.009	.002	.83	.87	.85	.88	825	820	715	.001	.000	.000	.12	.16	.14	
c. RIdiverse	715	2.66	2.59	2.54	2.57	.032	.009	.009	.002	.86	.90	.87	.89	831	10,534	721	.025	.000	.006	.08	.14	.10	
d. Rlownview	714	2.78	2.77	2.74	2.78	.030	.008	.008	.002	.81	.83	.81	.83	10,599	10,494	171,398	.890	.222	.915	.01	.05	.00	
e. Rlperspect	712	2.88	2.89	2.84	2.87	.030	.008	.008	.002	.80	.83	.81	.82	10,550	10,457	170,894	.659	.258	.782	-.02	.04	.01	
f. RInewview	712	2.90	2.86	2.83	2.86	.029	.008	.008	.002	.77	.81	.80	.81	830	829	718	.129	.015	.115	.06	.09	.06	
g. Rlconnect	706	3.12	3.07	3.05	3.08	.027	.008	.008	.002	.72	.79	.77	.77	832	10,385	712	.044	.012	.097	.07	.10	.06	
3 a. SFcareer	710	2.08	2.16	2.20	2.21	.032	.009	.009	.002	.86	.92	.89	.91	830	822	715	.020	.000	.000	-.09	-.14	-.14	
b. SFotherwork	706	1.61	1.66	1.74	1.73	.031	.009	.009	.002	.82	.90	.90	.91	831	833	712	.122	.000	.000	-.06	-.14	-.12	
c. SFdiscuss	702	2.02	1.94	2.00	2.00	.032	.009	.009	.002	.86	.89	.87	.90	813	10,356	169,012	.027	.691	.694	.08	.02	.01	
d. SFperform	700	1.97	2.09	2.10	2.13	.031	.009	.009	.002	.81	.89	.85	.88	826	817	706	.000	.000	.000	-.14	-.16	-.18	
4 a. memorize	705	2.98	3.01	2.99	2.95	.030	.008	.008	.002	.79	.80	.80	.83	10,443	10,365	169,032	.394	.954	.358	-.03	.00	.03	
b. HOapply	698	3.13	2.93	2.97	2.99	.028	.008	.008	.002	.74	.82	.80	.81	826	10,296	168,211	.000	.000	.000	.25	.20	.18	
c. HOanalyze	694	3.04	2.96	2.94	2.98	.030	.008	.008	.002	.80	.83	.83	.83	10,347	10,255	167,484	.020	.003	.082	.09	.12	.07	
d. HOevaluate	697	2.97	2.94	2.88	2.92	.030	.008	.008	.002	.80	.82	.82	.84	10,328	805	702	.340	.005	.117	.04	.11	.06	
e. HOform	693	2.93	2.90	2.85	2.90	.031	.009	.009	.002	.82	.85	.85	.85	803	803	698	.490	.029	.481	.03	.08	.03	
5 a. ETgoals	698	3.17	3.16	3.13	3.16	.027	.008	.008	.002	.72	.77	.76	.77	815	10,313	703	.659	.129	.622	.02	.06	.02	
b. ETorganize	695	3.13	3.09	3.07	3.11	.027	.008	.008	.002	.72	.78	.76	.78	815	10,283	701	.240	.067	.530	.04	.07	.02	
c. ETexample	693	3.16	3.09	3.08	3.11	.028	.008	.008	.002	.74	.83	.80	.82	820	10,263	699	.020	.007	.046	.08	.11	.07	
d. ETdraftfb	685	2.72	2.90	2.81	2.86	.034	.009	.009	.002	.89	.92	.90	.93	10,341	10,242	167,628	.000	.015	.000	-.19	-.10	-.16	
e. ETfeedback	688	2.69	2.79	2.71	2.80	.033	.009	.009	.002	.86	.92	.90	.92	803	799	166,952	.005	.653	.002	-.10	-.02	-.12	

NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics^g

James Madison University

First-Year Students

Variable Name	N		Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	JMU	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:			
														Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	
6 a. QRconclude	694	2.57	2.53	2.55	2.56	.033	.010	.009	.002	.86	.94	.92	.94	815	810	700	.208	.551	.567	.05	.02	.02	
b. QRproblem	690	2.33	2.27	2.28	2.28	.035	.009	.009	.002	.91	.93	.92	.94	10,354	10,248	167,873	.084	.162	.171	.07	.06	.05	
c. QRevaluate	687	2.37	2.24	2.27	2.27	.034	.009	.009	.002	.88	.93	.90	.92	10,300	10,198	167,095	.000	.005	.004	.14	.11	.11	
7 a. wrshortnum	629	7.24	6.38	6.92	6.82	.243	.057	.061	.015	6.09	5.33	5.70	5.72	700	710	153,061	.001	.201	.070	.16	.06	.07	
b. wrmednum	609	1.71	1.86	2.11	2.12	.098	.030	.030	.008	2.43	2.73	2.79	2.91	8,997	728	615	.183	.000	.000	-.06	-.15	-.14	
c. wrlongnum	586	.60	.69	.75	.80	.096	.028	.026	.007	2.33	2.49	2.39	2.58	8,731	8,831	591	.428	.142	.039	-.03	-.06	-.08	
— wrpages	585	43.00	41.55	47.11	47.04	2.135	.587	.614	.154	51.63	52.61	55.41	57.94	8,616	8,739	141,707	.521	.082	.092	.03	-.07	-.07	
8 a. DDrace	634	3.07	3.10	3.01	3.09	.036	.010	.010	.002	.91	.91	.91	.92	9,537	9,495	155,832	.426	.121	.631	-.03	.06	-.02	
b. DDeconomic	631	3.12	3.06	3.06	3.08	.036	.010	.009	.002	.89	.91	.87	.89	9,508	719	155,377	.114	.106	.313	.07	.07	.04	
c. DDreligion	631	3.14	3.00	3.03	3.01	.035	.010	.010	.002	.88	.95	.92	.95	9,468	9,446	154,945	.000	.003	.000	.15	.12	.14	
d. DDpolitical	625	3.16	2.94	3.02	2.99	.035	.010	.010	.002	.87	.96	.91	.94	738	9,404	154,362	.000	.000	.000	.24	.16	.18	
9 a. LSreading	629	3.22	3.14	3.12	3.16	.029	.008	.008	.002	.73	.76	.77	.77	9,467	9,434	154,778	.006	.001	.044	.11	.13	.08	
b. LSnotes	630	2.88	2.92	2.86	2.92	.036	.010	.010	.002	.90	.91	.90	.90	9,438	9,399	154,320	.228	.655	.218	-.05	.02	-.05	
c. LSsummary	617	2.81	2.81	2.79	2.84	.037	.010	.010	.002	.91	.91	.89	.90	9,335	9,310	152,559	.904	.503	.479	.01	.03	-.03	
10. challenge	626	5.61	5.47	5.47	5.55	.042	.012	.012	.003	1.05	1.12	1.12	1.14	729	9,402	631	.003	.003	.186	.12	.12	.05	
11 a. intern ^l	629	.062	.075	.080	.086	.0097	.0028	.0029	.0007	--	--	--	--	--	--	--	.243	.109	.037	-.05	-.07	-.09	
b. leader ^l	627	.099	.109	.122	.119	.0119	.0033	.0035	.0008	--	--	--	--	--	--	--	.425	.082	.114	-.03	-.07	-.07	
c. learncom ^l	621	.133	.138	.164	.153	.0136	.0037	.0040	.0009	--	--	--	--	--	--	--	.740	.045	.166	-.01	-.09	-.06	
d. abroad ^l	627	.036	.030	.036	.035	.0075	.0018	.0020	.0005	--	--	--	--	--	--	--	.412	.983	.931	.03	.00	.00	
e. research ^l	621	.036	.042	.050	.055	.0075	.0022	.0023	.0006	--	--	--	--	--	--	--	.453	.121	.043	-.03	-.07	-.09	
f. capstone ^l	621	.016	.030	.026	.029	.0050	.0018	.0017	.0004	--	--	--	--	--	--	--	.041	.102	.048	-.10	-.08	-.09	
12. servcourse	615	1.46	1.63	1.60	1.60	.024	.007	.007	.002	.59	.65	.64	.66	722	721	620	.000	.000	.000	-.26	-.21	-.21	
13 a. QIstudent	625	5.91	5.49	5.56	5.57	.048	.015	.014	.004	1.20	1.40	1.33	1.37	752	739	631	.000	.000	.000	.30	.27	.25	
b. QIadvisor	611	4.88	4.90	5.06	5.11	.072	.019	.018	.004	1.78	1.77	1.67	1.71	8,997	690	615	.839	.016	.002	-.01	-.11	-.13	
c. QIfaculty	620	5.48	5.09	5.21	5.27	.049	.016	.015	.004	1.23	1.51	1.39	1.46	761	737	626	.000	.000	.000	.26	.20	.15	
d. QIstaff	565	5.36	4.78	4.94	4.94	.064	.020	.018	.005	1.52	1.76	1.59	1.70	678	8,575	570	.000	.000	.000	.33	.27	.25	
e. QIadmin	544	5.11	4.69	4.79	4.84	.070	.020	.019	.005	1.62	1.76	1.67	1.72	631	8,499	547	.000	.000	.000	.24	.19	.16	
14 a. empstudy	568	3.21	3.15	3.18	3.21	.030	.008	.008	.002	.72	.76	.75	.75	8,669	8,692	142,821	.052	.367	.933	.08	.04	.00	
b. SEacademic	562	3.26	3.06	3.10	3.12	.033	.009	.009	.002	.79	.84	.81	.83	8,600	8,639	141,950	.000	.000	.000	.24	.19	.17	
c. SElearnsup	563	3.34	3.08	3.12	3.14	.032	.010	.010	.002	.75	.91	.87	.89	682	671	568	.000	.000	.000	.29	.26	.23	

NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics^g

James Madison University

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	JMU	Comparisons with:				JMU	Comparisons with:			JMU	Comparisons with:			Comparisons with:			Comparisons with:									
		JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014		Community Engaged	IPEDS Comparison	NSSE 2013 & 2014		Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014							
d. SEdiverse	560	2.93	2.74	2.67	2.74	.041	.011	.011	.003	.97	.99	.96	.98	641	637	563	.000	.000	.000	.19	.27	.20				
e. SEsocial	561	3.37	2.98	3.03	3.02	.032	.010	.010	.002	.76	.90	.86	.89	8,616	8,646	142,091	.000	.000	.000	.44	.41	.40				
f. SEwellness	560	3.33	3.01	3.05	3.00	.032	.010	.010	.002	.75	.90	.87	.90	8,578	8,613	141,369	.000	.000	.000	.36	.32	.37				
g. SEnonacad	560	2.71	2.40	2.39	2.40	.038	.011	.011	.003	.91	1.00	.97	.99	657	650	564	.000	.000	.000	.31	.33	.32				
h. SEactivities	557	3.25	2.83	2.91	2.91	.033	.011	.010	.002	.78	.95	.88	.93	676	8,592	562	.000	.000	.000	.44	.39	.37				
i. SEevents	554	2.86	2.55	2.54	2.60	.039	.011	.011	.003	.91	.98	.94	.97	646	637	558	.000	.000	.000	.32	.34	.27				
15 a. tmprephrs	557	15.59	13.08	14.33	14.29	.337	.089	.092	.022	7.95	7.99	8.22	8.40	8,593	8,611	141,857	.000	.000	.000	.31	.15	.15				
b. tmcocurrhrs	555	6.61	4.61	5.47	5.35	.279	.072	.074	.018	6.58	6.42	6.60	6.75	630	8,563	140,896	.000	.000	.000	.31	.17	.19				
c. tmworkonhrs	557	1.28	2.02	2.13	2.38	.178	.060	.059	.015	4.19	5.32	5.32	5.58	688	687	564	.000	.000	.000	-.14	-.16	-.20				
d. tmworkoffhrs	555	1.16	5.22	3.13	5.03	.187	.104	.082	.025	4.42	9.26	7.31	9.53	938	782	575	.000	.000	.000	-.45	-.28	-.41				
— tmworkhrs	555	2.43	7.18	5.20	7.32	.306	.121	.105	.029	7.21	10.77	9.37	10.99	739	691	564	.000	.000	.000	-.45	-.30	-.45				
e. tmservicehrs	553	2.21	2.27	2.00	2.36	.174	.049	.045	.012	4.10	4.39	4.00	4.38	8,483	8,484	139,864	.727	.249	.416	-.02	.05	-.03				
f. tmrelaxhrs	557	14.20	13.10	13.98	12.58	.359	.100	.097	.023	8.47	8.95	8.64	8.66	8,504	8,511	140,484	.005	.571	.000	.12	.02	.19				
g. tmcarehrs	552	1.04	2.67	1.52	3.02	.168	.072	.056	.020	3.95	6.43	5.01	7.52	771	680	567	.000	.007	.000	-.26	-.10	-.26				
h. tmcommutehrs	553	2.40	4.16	3.12	3.67	.177	.063	.055	.015	4.16	5.60	4.90	5.46	699	8,507	560	.000	.001	.000	-.32	-.15	-.23				
16. reading	548	3.12	2.90	2.84	2.85	.045	.014	.016	.004	1.05	1.09	1.10	1.11	6,708	697	555	.000	.000	.000	.20	.25	.24				
— tmreadinghrs	543	8.44	6.46	6.84	6.83	.263	.072	.086	.021	6.12	5.67	5.83	5.94	627	663	549	.000	.000	.000	.35	.27	.27				
17 a. pgwrite	557	2.75	2.89	2.81	2.87	.038	.010	.010	.002	.90	.88	.89	.90	632	8,565	141,218	.000	.119	.002	-.16	-.07	-.13				
b. pgspeak	555	2.86	2.77	2.64	2.68	.036	.010	.010	.003	.84	.91	.93	.94	648	652	560	.013	.000	.000	.10	.24	.19				
c. pgthink	557	3.12	3.05	3.05	3.09	.033	.009	.009	.002	.78	.82	.82	.82	8,527	8,537	140,734	.061	.036	.369	.08	.09	.04				
d. pganalyze	556	2.60	2.59	2.57	2.61	.039	.011	.011	.003	.92	.95	.94	.97	8,522	8,536	560	.952	.550	.648	.00	.03	-.02				
e. pgwork	557	2.57	2.51	2.58	2.62	.041	.011	.011	.003	.97	.98	.96	.98	8,527	8,534	140,767	.173	.675	.171	.06	-.02	-.06				
f. pgothers	555	2.95	2.83	2.81	2.83	.036	.010	.010	.002	.85	.90	.88	.90	644	640	559	.001	.000	.001	.13	.16	.13				
g. pgvalues	557	2.85	2.65	2.62	2.70	.039	.011	.011	.003	.93	.97	.96	.98	643	641	561	.000	.000	.000	.20	.24	.15				
h. pgdiverse	557	2.74	2.76	2.68	2.73	.040	.011	.010	.003	.95	.96	.94	.97	8,526	8,533	140,669	.569	.180	.947	-.02	.06	.00				
i. pgprobsolve	556	2.63	2.58	2.58	2.61	.037	.011	.010	.003	.88	.95	.92	.95	649	8,520	560	.218	.206	.730	.05	.06	.01				
j. pgcitizen	552	2.76	2.58	2.58	2.63	.039	.011	.011	.003	.92	.96	.94	.96	638	634	556	.000	.000	.001	.19	.20	.14				
18. evalexp	559	3.43	3.14	3.21	3.23	.028	.008	.008	.002	.66	.71	.70	.72	650	8,570	141,347	.000	.000	.000	.42	.31	.28				
19. sameinst	557	3.44	3.14	3.24	3.24	.032	.009	.009	.002	.74	.80	.79	.80	8,573	8,574	141,449	.000	.000	.000	.38	.26	.25				

NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics^g

James Madison University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	JMU	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:		
														Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014
1 a. askquest	810	3.31	3.10	3.14	3.17	.027	.006	.007	.002	.78	.87	.85	.86	897	913	815	.000	.000	.000	.24	.20	.17
b. drafts	810	2.19	2.46	2.35	2.45	.035	.007	.008	.002	.98	1.01	1.00	1.03	883	899	815	.000	.000	.000	-.27	-.16	-.26
c. unpreparedr	808	2.86	2.95	2.95	3.00	.026	.006	.006	.002	.75	.79	.78	.79	19,770	16,210	262,664	.001	.002	.000	-.12	-.11	-.17
d. attendart	801	1.97	1.81	1.86	1.87	.032	.007	.007	.002	.92	.90	.91	.93	867	883	805	.000	.002	.002	.18	.12	.11
e. CLaskhelp	808	2.63	2.45	2.47	2.40	.031	.006	.007	.002	.87	.88	.87	.89	19,713	16,154	261,851	.000	.000	.000	.21	.18	.26
f. CLexplain	790	2.96	2.78	2.81	2.74	.028	.006	.007	.002	.78	.83	.82	.85	867	883	794	.000	.000	.000	.23	.19	.26
g. CLstudy	786	2.76	2.48	2.50	2.47	.032	.007	.008	.002	.90	.98	.98	1.00	867	886	791	.000	.000	.000	.29	.27	.30
h. CLproject	789	3.15	2.92	2.94	2.87	.028	.007	.007	.002	.79	.89	.88	.92	874	892	794	.000	.000	.000	.26	.24	.30
i. present	777	2.89	2.75	2.78	2.68	.032	.007	.008	.002	.88	.95	.92	.98	855	867	782	.000	.001	.000	.14	.12	.21
2 a. RIntegrate	774	3.18	3.03	3.06	3.02	.028	.006	.007	.002	.77	.84	.82	.84	18,869	15,456	251,712	.000	.000	.000	.17	.14	.19
b. RIsocietal	765	3.02	2.87	2.87	2.86	.029	.007	.007	.002	.81	.89	.88	.90	846	864	770	.000	.000	.000	.17	.17	.17
c. RIdiverse	763	2.79	2.68	2.67	2.68	.033	.007	.008	.002	.90	.95	.95	.96	837	853	768	.002	.000	.002	.11	.12	.11
d. Rlownview	767	2.94	2.85	2.85	2.88	.029	.006	.007	.002	.79	.85	.84	.84	844	861	771	.004	.004	.036	.10	.10	.07
e. Rlperspect	764	3.02	2.96	2.94	2.96	.028	.006	.007	.002	.77	.83	.83	.83	842	860	768	.026	.008	.024	.08	.09	.08
f. Rlnewview	757	3.08	2.96	2.94	2.96	.027	.006	.007	.002	.74	.81	.81	.80	836	854	762	.000	.000	.000	.14	.17	.14
g. Rlconnect	754	3.36	3.24	3.25	3.25	.025	.006	.006	.002	.67	.75	.74	.74	835	852	759	.000	.000	.000	.16	.14	.14
3 a. SFcareer	755	2.70	2.35	2.49	2.42	.033	.007	.008	.002	.91	.97	.96	.98	829	845	760	.000	.000	.000	.36	.21	.28
b. SFotherwork	752	2.23	1.86	2.02	1.92	.039	.008	.009	.002	1.06	1.00	1.03	1.03	810	828	756	.000	.000	.000	.37	.21	.30
c. SFdiscuss	752	2.49	2.15	2.29	2.19	.033	.007	.008	.002	.90	.95	.95	.97	18,388	15,082	245,655	.000	.000	.000	.36	.22	.31
d. SFperform	751	2.29	2.18	2.26	2.22	.033	.007	.008	.002	.90	.92	.92	.93	18,328	15,051	244,953	.001	.292	.022	.13	.04	.08
4 a. memorize	754	2.77	2.79	2.75	2.74	.032	.007	.008	.002	.88	.90	.90	.91	18,416	15,092	245,736	.467	.623	.301	-.03	.02	.04
b. HOapply	751	3.19	3.13	3.14	3.15	.028	.006	.007	.002	.76	.81	.79	.80	18,306	15,048	244,597	.043	.083	.135	.08	.06	.05
c. HOanalyze	749	3.13	3.11	3.09	3.12	.030	.006	.007	.002	.81	.84	.83	.83	18,288	14,974	244,020	.393	.165	.576	.03	.05	.02
d. HOevaluate	749	3.02	2.99	2.92	2.98	.031	.007	.007	.002	.84	.86	.87	.87	18,286	834	244,018	.290	.002	.181	.04	.11	.05
e. HOform	741	3.01	2.99	2.94	3.00	.029	.006	.007	.002	.80	.86	.85	.86	814	831	745	.413	.019	.579	.03	.08	.02
5 a. ETgoals	754	3.29	3.21	3.19	3.21	.026	.006	.006	.002	.72	.76	.76	.77	18,411	15,083	245,738	.007	.001	.005	.10	.13	.10
b. ETorganize	750	3.25	3.13	3.14	3.15	.026	.006	.006	.002	.71	.78	.76	.78	18,352	15,041	755	.000	.000	.000	.15	.15	.12
c. ETexample	753	3.32	3.17	3.18	3.16	.025	.006	.007	.002	.70	.82	.79	.82	844	858	758	.000	.000	.000	.18	.18	.19
d. ETdraftfb	752	2.84	2.82	2.79	2.80	.034	.007	.008	.002	.92	.96	.95	.98	822	838	756	.408	.151	.232	.03	.05	.04
e. ETfeedback	748	2.93	2.87	2.86	2.90	.031	.007	.008	.002	.85	.91	.89	.90	822	837	752	.053	.023	.307	.07	.08	.04

NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics^g

James Madison University

Seniors

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	JMU	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:		
														Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014
6 a. QRconclude	754	2.64	2.60	2.61	2.63	.035	.007	.008	.002	.95	.96	.97	.97	18,371	15,044	245,281	.252	.370	.850	.04	.03	.01
b. QRproblem	751	2.48	2.41	2.41	2.43	.037	.007	.008	.002	1.02	.98	.99	.98	811	826	755	.070	.082	.162	.07	.07	.05
c. QRevaluate	751	2.54	2.40	2.43	2.42	.036	.007	.008	.002	.98	.96	.96	.96	18,264	14,973	244,063	.000	.002	.001	.14	.12	.12
7 a. wrshortnum	700	7.58	7.48	8.22	7.81	.236	.052	.060	.014	6.25	6.53	6.84	6.77	16,463	792	704	.705	.009	.318	.01	-.09	-.03
b. wrmednum	692	3.14	3.41	3.48	3.59	.142	.032	.036	.009	3.73	3.99	4.03	4.29	763	781	697	.063	.021	.002	-.07	-.08	-.10
c. wrlongnum	681	1.78	1.96	1.91	2.01	.105	.029	.029	.008	2.74	3.54	3.31	3.61	786	792	688	.106	.232	.031	-.05	-.04	-.06
— wrpages	673	73.92	75.82	78.91	79.10	2.920	.675	.727	.187	75.73	81.74	80.63	85.43	745	757	677	.527	.098	.077	-.02	-.06	-.06
8 a. DDrace	715	3.04	3.19	3.00	3.13	.034	.007	.008	.002	.90	.91	.93	.92	778	14,148	718	.000	.208	.017	-.15	.05	-.09
b. DDeconomic	713	3.10	3.14	3.06	3.13	.032	.007	.008	.002	.85	.89	.88	.89	781	14,110	717	.198	.203	.376	-.05	.05	-.03
c. DDreligion	712	3.16	3.07	3.03	3.05	.032	.007	.008	.002	.85	.94	.92	.94	789	14,073	717	.006	.000	.000	.10	.14	.12
d. DDpolitical	709	3.18	3.03	3.05	3.06	.031	.007	.008	.002	.83	.94	.90	.92	788	14,023	713	.000	.000	.000	.16	.15	.13
9 a. LSreading	712	3.30	3.26	3.21	3.26	.029	.006	.007	.002	.78	.78	.80	.78	17,098	14,064	229,929	.182	.006	.274	.05	.11	.04
b. LSnotes	708	2.75	2.91	2.81	2.89	.036	.007	.008	.002	.96	.93	.95	.95	765	14,017	711	.000	.103	.000	-.17	-.06	-.15
c. LSsummary	695	2.78	2.87	2.82	2.90	.035	.007	.008	.002	.93	.92	.93	.92	16,862	13,887	226,920	.012	.246	.001	-.10	-.05	-.13
10. challenge	703	5.59	5.67	5.59	5.68	.039	.009	.010	.002	1.03	1.18	1.16	1.18	783	797	708	.061	.927	.030	-.06	.00	-.07
11 a. intern ^l	707	.674	.463	.547	.499	.0176	.0039	.0043	.0010	--	--	--	--	--	--	--	.000	.000	.000	.43	.26	.36
b. leader ^l	706	.582	.290	.404	.358	.0186	.0036	.0043	.0010	--	--	--	--	--	--	--	.000	.000	.000	.60	.36	.45
c. learncom ^l	701	.351	.218	.260	.244	.0180	.0032	.0038	.0009	--	--	--	--	--	--	--	.000	.000	.000	.30	.20	.23
d. abroad ^l	702	.246	.088	.143	.140	.0163	.0022	.0030	.0007	--	--	--	--	--	--	--	.000	.000	.000	.44	.26	.27
e. research ^l	700	.333	.190	.255	.243	.0178	.0031	.0038	.0009	--	--	--	--	--	--	--	.000	.000	.000	.33	.17	.20
f. capstone ^l	701	.610	.406	.532	.460	.0184	.0039	.0043	.0010	--	--	--	--	--	--	--	.000	.000	.000	.41	.16	.30
12. servcourse	700	1.75	1.78	1.75	1.73	.023	.005	.006	.001	.60	.69	.67	.69	779	791	704	.200	.992	.323	-.04	.00	.03
13 a. QIstudent	705	6.10	5.69	5.68	5.72	.041	.010	.011	.003	1.10	1.29	1.27	1.30	789	807	710	.000	.000	.000	.32	.33	.29
b. QIadvisor	696	5.03	5.06	5.01	5.19	.067	.014	.016	.004	1.76	1.80	1.81	1.78	16,582	13,744	225,175	.713	.754	.018	-.01	.01	-.09
c. QIfaculty	699	5.81	5.52	5.58	5.57	.041	.011	.011	.003	1.09	1.38	1.29	1.37	798	805	705	.000	.000	.000	.21	.18	.17
d. QIstaff	646	5.28	4.77	4.85	4.85	.059	.016	.016	.004	1.49	1.78	1.66	1.76	740	741	651	.000	.000	.000	.29	.27	.25
e. QIadmin	662	5.18	4.80	4.77	4.83	.059	.014	.015	.004	1.51	1.74	1.68	1.76	738	749	666	.000	.000	.000	.22	.25	.20
14 a. empstudy	665	3.11	3.16	3.13	3.18	.028	.006	.007	.002	.72	.78	.77	.77	733	746	669	.138	.481	.014	-.05	-.03	-.09
b. SEacademic	664	3.22	2.93	2.95	2.98	.031	.007	.007	.002	.79	.86	.84	.86	15,929	13,174	215,547	.000	.000	.000	.34	.32	.28
c. SElearnsup	658	3.15	2.83	2.83	2.89	.034	.008	.008	.002	.88	.94	.92	.94	724	13,174	215,780	.000	.000	.000	.34	.35	.28

NSSE 2014 Frequencies and Statistical Comparisons

Detailed Statistics^g

James Madison University

Seniors

Variable Name	N		Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	JMU	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	JMU	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Comparisons with:			Comparisons with:			Comparisons with:			
														Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	Community Engaged	IPEDS Comparison	NSSE 2013 & 2014	
d. SEdiverse	661	2.62	2.59	2.48	2.59	.038	.008	.009	.002	.96	1.00	.99	1.01	15,971	13,208	665	.451	.001	.439	.03	.14	.03	
e. SEsocial	660	3.37	2.83	2.91	2.86	.029	.007	.008	.002	.74	.91	.89	.93	749	763	666	.000	.000	.000	.59	.52	.54	
f. SEwellness	656	3.33	2.80	2.87	2.78	.031	.008	.008	.002	.79	.95	.92	.97	738	752	661	.000	.000	.000	.57	.50	.57	
g. SEnonacad	656	2.48	2.06	2.06	2.10	.037	.008	.009	.002	.95	.98	.96	1.00	15,886	728	214,885	.000	.000	.000	.42	.44	.38	
h. SEactivities	656	3.17	2.56	2.70	2.66	.031	.008	.008	.002	.79	.97	.93	1.00	743	754	662	.000	.000	.000	.63	.51	.51	
i. SEevents	654	2.71	2.42	2.42	2.44	.035	.008	.008	.002	.90	.96	.93	.98	718	13,076	657	.000	.000	.000	.31	.31	.28	
15 a. tmprephrs	658	14.65	14.50	15.04	14.96	.323	.071	.079	.019	8.29	8.81	8.85	8.93	722	738	661	.662	.245	.345	.02	-.04	-.03	
b. tmcocurrhrs	655	7.42	3.83	4.88	4.52	.276	.051	.061	.015	7.06	6.31	6.77	6.80	700	719	658	.000	.000	.000	.57	.37	.43	
c. tmworkonhrs	656	4.05	2.98	3.92	3.68	.257	.055	.066	.016	6.59	6.78	7.33	7.21	716	13,103	214,723	.000	.658	.186	.16	.02	.05	
d. tmworkoffhrs	658	4.23	13.30	10.11	11.98	.303	.106	.108	.029	7.76	13.05	11.96	13.28	827	833	669	.000	.000	.000	-.70	-.50	-.58	
— tmworkhrs	652	8.23	16.16	13.91	15.54	.387	.108	.111	.029	9.87	13.20	12.33	13.33	755	763	658	.000	.000	.000	-.61	-.47	-.55	
e. tmservicehrs	658	3.56	3.34	2.82	3.08	.198	.046	.044	.011	5.08	5.65	4.87	5.28	730	12,998	212,994	.294	.000	.022	.04	.15	.09	
f. tmrelaxhrs	653	13.10	10.70	11.88	10.73	.303	.067	.075	.018	7.75	8.28	8.35	8.17	718	734	657	.000	.000	.000	.29	.15	.29	
g. tmcarehrs	657	1.48	6.45	4.12	6.52	.192	.090	.085	.025	4.91	11.07	9.43	11.42	976	936	678	.000	.000	.000	-.46	-.29	-.44	
h. tmcommutehrs	657	4.22	5.37	4.48	4.57	.147	.044	.042	.012	3.76	5.36	4.66	5.33	776	766	664	.000	.088	.018	-.22	-.06	-.07	
16. reading	659	3.08	3.00	2.87	2.94	.047	.010	.014	.003	1.20	1.18	1.19	1.19	725	7,992	125,688	.105	.000	.004	.07	.17	.11	
— tmreadinghrs	653	7.83	7.48	7.32	7.42	.250	.058	.074	.018	6.38	6.50	6.31	6.46	13,257	7,943	124,964	.171	.045	.103	.05	.08	.06	
17 a. pgwrite	657	3.15	3.04	2.99	3.05	.034	.007	.008	.002	.88	.89	.91	.91	15,895	13,101	215,044	.002	.000	.004	.12	.18	.11	
b. pgspeak	655	3.19	2.93	2.92	2.94	.033	.007	.008	.002	.84	.92	.93	.94	15,847	13,067	659	.000	.000	.000	.28	.29	.27	
c. pgthink	651	3.43	3.26	3.29	3.32	.028	.006	.007	.002	.73	.80	.79	.79	720	734	655	.000	.000	.000	.21	.17	.14	
d. pganalyze	654	2.87	2.79	2.76	2.82	.041	.008	.009	.002	1.04	.99	1.00	1.00	705	13,044	657	.041	.003	.177	.09	.12	.06	
e. pgwork	654	3.22	2.89	2.98	2.96	.034	.008	.009	.002	.87	.98	.97	.97	725	13,073	658	.000	.000	.000	.34	.25	.27	
f. pgothers	651	3.38	3.02	3.07	3.05	.030	.007	.008	.002	.77	.90	.87	.90	15,807	13,030	213,923	.000	.000	.000	.40	.35	.37	
g. pgvalues	653	3.06	2.76	2.74	2.82	.037	.008	.009	.002	.95	1.02	1.01	1.02	717	731	656	.000	.000	.000	.30	.32	.24	
h. pgdiverse	654	2.87	2.83	2.74	2.81	.037	.008	.009	.002	.95	.98	.98	.99	15,833	728	657	.319	.000	.102	.04	.14	.06	
i. pgprobsolve	654	3.01	2.76	2.80	2.82	.036	.008	.009	.002	.93	.97	.97	.97	716	729	657	.000	.000	.000	.26	.22	.20	
j. pgcitizen	648	3.03	2.69	2.65	2.71	.037	.008	.009	.002	.93	1.00	.99	1.00	712	726	652	.000	.000	.000	.35	.39	.33	
18. evalexp	657	3.60	3.20	3.26	3.28	.023	.006	.007	.002	.59	.74	.73	.74	748	764	663	.000	.000	.000	.54	.47	.43	
19. sameinst	658	3.54	3.17	3.24	3.23	.028	.007	.007	.002	.71	.83	.82	.84	736	752	663	.000	.000	.000	.45	.37	.37	

Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t-tests. Exceptions are the dichotomous high-impact practice items (11a to 11f) which are compared using a z-test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent t-tests uses Cohen's *d*; z-tests use Cohen's *h*. See page 2 for more details.
- f. Statistical comparison uses z-test to compare the percentage who responded "Done or in progress."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (high-impact practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the t-tests. Values differ from Ns due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent t-tests or z-tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress."