



NSSE 2017

Frequencies and Statistical Comparisons

James Madison University

NSSE 2017 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 website (nsse.indiana.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 website.
- 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.indiana.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 2017 Frequencies and Statistical Comparisons
NSSEville State University

Seniors ← 1

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a				Statistical Comparisons ^b											
				NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017	NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017								
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
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 2 3 4	Never Sometimes Often Very often	3 153 212 280	0 20 33 46	244 4,397 5,947 5,440	2 27 37 34	54 845 1,086 889	2 29 38 31	6,952 75,222 81,724 66,983	3 33 35 29	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 2 3 4	Never Sometimes Often Very often	82 267 164 113	13 42 26 19	2,369 5,959 4,548 3,072	14 34 20 20	401 979 1,119 611	14 34 21 21	35,490 79,495 77,348 47,208	16 34 29 21	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information	QRevaluate	1 2 3 4	Never Sometimes Often Very often	25 56 384 150	4 9 63 24	778 1,666 9,147 4,267	5 11 57 27	134 262 1,586 851	5 10 57 29	12,543 28,134 128,802 58,873	6 13 56 26	3.1	3.1	.02	3.1	-.04	3.0	.06	
			Total	630 16,028 2,874 230,881	100 100 100 100														

- 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.

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

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	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	15	2	225	3	648	3	8,200	4	2.8	2.8	.02	2.8	.01	2.8	-.01	
		2	Sometimes	280	37	3,142	37	8,089	37	90,025	36								
		3	Often	268	37	3,060	37	8,072	36	91,782	35								
		4	Very often	178	24	1,901	23	5,590	24	66,104	26								
		Total		741	100	8,328	100	22,399	100	256,111	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	132	18	1,536	19	3,710	17	42,107	17	2.4	2.4	.00	2.5	-.06	2.5 **	-0.10	
		2	Sometimes	265	36	3,093	38	8,182	37	90,017	35								
		3	Often	241	34	2,342	28	6,482	29	75,556	30								
		4	Very often	91	12	1,291	15	3,863	17	46,570	18								
		Total		729	100	8,262	100	22,237	100	254,250	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	32	5	429	5	1,076	5	11,947	5	3.0	3.0	-.03	3.0 *	-.09	3.0 ***	-.12	
		2	Often	104	14	1,159	14	2,801	13	31,625	13								
		3	Sometimes	449	62	4,793	58	12,653	57	143,478	56								
		4	Never	150	19	1,867	22	5,697	25	66,881	27								
		Total		735	100	8,248	100	22,227	100	253,931	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	279	39	2,904	36	7,700	37	90,903	39	1.9	1.9	.02	1.9	.00	1.9	.02	
		2	Sometimes	264	36	3,540	42	8,875	39	98,537	38								
		3	Often	125	16	1,213	14	3,726	16	42,193	15								
		4	Very often	66	9	582	7	1,864	8	21,669	8								
		Total		734	100	8,239	100	22,165	100	253,302	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	26	4	491	7	1,618	8	21,351	10	2.8	2.7 ***	.13	2.6 ***	.22	2.6 ***	.22	
		2	Sometimes	245	33	2,929	37	8,386	39	92,550	37								
		3	Often	311	44	3,280	39	8,356	36	92,244	35								
		4	Very often	150	20	1,531	18	3,778	16	46,823	17								
		Total		732	100	8,231	100	22,138	100	252,968	100								
f. Explained course material to one or more students	CLexplain	1	Never	20	3	241	3	920	5	12,689	6	2.8	2.8 *	.09	2.7 ***	.16	2.7 ***	.17	
		2	Sometimes	224	31	2,906	36	8,142	38	90,977	36								
		3	Often	345	47	3,552	43	9,211	41	102,091	39								
		4	Very often	144	19	1,505	18	3,814	17	46,650	18								
		Total		733	100	8,204	100	22,087	100	252,407	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	46	6	888	11	2,877	14	34,214	16	2.8	2.6 ***	.16	2.5 ***	.25	2.5 ***	.23	
		2	Sometimes	242	33	2,925	36	7,994	37	86,553	35								
		3	Often	287	40	2,766	33	7,198	32	81,974	31								
		4	Very often	157	21	1,611	19	3,952	17	48,871	19								
		Total		732	100	8,190	100	22,021	100	251,612	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	20	3	390	5	1,352	7	18,942	9	2.8	2.7 *	.07	2.6 ***	.15	2.6 ***	.18	
		2	Sometimes	256	35	2,963	37	8,396	39	93,280	37								
		3	Often	320	45	3,270	40	8,392	38	93,462	36								
		4	Very often	132	18	1,539	18	3,824	17	45,048	17								
		Total		728	100	8,162	100	21,964	100	250,732	100								
i. Given a course presentation	present	1	Never	58	8	1,139	14	3,211	15	45,253	20	2.6	2.4 ***	.21	2.4 ***	.20	2.3 ***	.31	
		2	Sometimes	312	42	3,804	47	9,524	44	111,336	44								
		3	Often	257	36	2,292	28	6,479	29	66,763	26								
		4	Very often	100	14	945	11	2,748	12	27,309	11								
		Total		727	100	8,180	100	21,962	100	250,661	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	44	6	492	6	1,613	8	19,455	9	2.7	2.6	.05	2.6 **	.10	2.6 ***	.12	
		2	Sometimes	254	34	3,112	39	8,480	39	98,502	40								
		3	Often	321	46	3,145	39	8,365	38	92,838	37								
		4	Very often	102	14	1,256	16	3,205	15	36,405	15								
		Total		721	100	8,005	100	21,663	100	247,200	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	43	6	573	7	1,746	9	21,707	10	2.6	2.6	.03	2.6	.06	2.6 **	.09	
		2	Sometimes	254	36	3,113	39	8,148	38	95,151	39								
		3	Often	325	45	2,985	38	8,195	37	89,959	36								
		4	Very often	96	13	1,284	16	3,496	16	39,193	16								
		Total		718	100	7,955	100	21,585	100	246,010	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	56	8	735	9	1,937	10	23,943	11	2.6	2.6	.01	2.6	-.02	2.6	.02	
		2	Sometimes	279	38	3,194	40	8,058	38	93,464	38								
		3	Often	287	41	2,716	34	7,747	35	85,996	34								
		4	Very often	96	13	1,275	16	3,771	17	41,538	17								
		Total		718	100	7,920	100	21,513	100	244,941	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU	Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		
				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	24	3	376	5	980	5	11,308	5	2.8	2.7	.06	2.8	.03	2.8	.01	
		2	Sometimes	224	31	2,733	34	7,002	32	78,138	32								
		3	Often	359	51	3,482	44	9,658	45	109,804	45								
		4	Very often	106	15	1,293	17	3,772	18	44,513	19								
		Total		713	100	7,884	100	21,412	100	243,763	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	19	3	222	3	577	3	7,167	3	2.9	2.9	.03	2.9	-.02	2.9	-.01	
		2	Sometimes	194	28	2,296	29	5,807	27	66,649	28								
		3	Often	342	48	3,587	46	9,910	46	111,507	45								
		4	Very often	152	22	1,721	22	4,962	24	56,977	24								
		Total		707	100	7,826	100	21,256	100	242,300	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	12	2	211	3	564	3	6,668	3	2.9	2.8 **	.10	2.9 *	.07	2.8 *	.08	
		2	Sometimes	186	26	2,410	32	6,210	30	71,957	31								
		3	Often	355	50	3,530	45	9,837	46	110,167	45								
		4	Very often	150	21	1,619	21	4,505	21	52,020	21								
		Total		703	100	7,770	100	21,116	100	240,812	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	1	74	1	251	1	3,132	2	3.1	3.0	.02	3.0	.06	3.0	.05	
		2	Sometimes	136	20	1,587	21	4,526	22	50,715	22								
		3	Often	370	53	3,937	51	10,696	50	120,139	49								
		4	Very often	189	27	2,134	27	5,545	26	65,532	27								
		Total		699	100	7,732	100	21,018	100	239,518	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	162	24	1,639	21	3,984	20	48,591	22	2.2	2.2	-.05	2.3 *	-.09	2.2	-.06	
		2	Sometimes	299	42	3,484	45	9,230	44	105,789	44								
		3	Often	177	26	1,811	23	5,239	24	56,598	23								
		4	Very often	64	9	802	10	2,574	12	28,695	12								
		Total		702	100	7,736	100	21,027	100	239,673	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	326	47	3,852	50	9,868	48	113,716	49	1.8	1.7	.05	1.8	.01	1.8	.02	
		2	Sometimes	236	33	2,463	32	6,757	32	76,771	31								
		3	Often	108	16	953	12	3,031	14	33,462	14								
		4	Very often	31	5	438	6	1,300	6	15,025	6								
		Total		701	100	7,706	100	20,956	100	238,974	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	215	30	2,320	30	6,418	32	74,628	33	2.0	2.0	-.01	2.0	.00	2.0	.02	
		2	Sometimes	310	44	3,456	45	9,023	43	102,488	42								
		3	Often	147	22	1,428	19	3,995	19	44,151	18								
		4	Very often	28	4	472	6	1,443	7	16,698	7								
		Total		700	100	7,676	100	20,879	100	237,965	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	200	28	1,957	25	4,652	23	57,111	25	2.1	2.1	.00	2.1	-.05	2.1	-.03	
		2	Sometimes	286	41	3,669	48	9,883	47	110,601	46								
		3	Often	172	25	1,523	20	4,594	21	51,037	21								
		4	Very often	41	6	505	7	1,714	8	19,022	8								
		Total		699	100	7,654	100	20,843	100	237,771	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	196	3	621	3	8,880	4	3.0	3.0	.01	2.9	.03	2.9 *	.08	
		2	Some	157	23	1,825	24	5,084	25	61,773	26								
		3	Quite a bit	362	53	3,640	48	9,774	47	108,904	46								
		4	Very much	159	22	1,989	25	5,335	25	57,972	24								
		Total		692	100	7,650	100	20,814	100	237,529	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	13	2	197	3	727	4	7,951	4	3.0	3.0	.02	2.9 ***	.13	2.9 *	.08	
		2	Some	161	23	1,746	23	5,247	26	58,267	25								
		3	Quite a bit	336	48	3,714	49	9,998	48	112,385	47								
		4	Very much	180	26	1,965	25	4,783	22	58,176	24								
		Total		690	100	7,622	100	20,755	100	236,779	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	17	2	285	4	759	4	8,290	4	3.0	2.9 *	.10	2.9 **	.11	2.9 *	.08	
		2	Some	159	23	1,960	26	5,474	27	61,153	26								
		3	Quite a bit	340	50	3,480	46	9,357	45	106,502	45								
		4	Very much	172	25	1,860	24	5,063	24	59,752	25								
		Total		688	100	7,585	100	20,653	100	235,697	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	9	1	324	4	737	4	9,079	4	3.0	2.9 ***	.14	2.9 **	.09	2.9 **	.10	
		2	Some	175	25	2,082	28	5,332	26	62,510	27								
		3	Quite a bit	345	49	3,500	47	9,714	47	107,815	45								
		4	Very much	160	24	1,665	21	4,852	23	55,997	24								
		Total		689	100	7,571	100	20,635	100	235,401	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	20	3	358	5	832	5	9,438	4	2.9	2.8 **	.11	2.9 *	.07	2.9	.06	
		2	Some	166	24	2,113	28	5,571	28	63,952	28								
		3	Quite a bit	351	51	3,446	45	9,498	45	107,407	45								
		4	Very much	147	22	1,637	21	4,718	22	54,261	23								
		Total		684	100	7,554	100	20,619	100	235,058	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	2	122	2	363	2	4,590	2	3.1	3.1	.04	3.1	.02	3.1	.01	
		2	Some	132	20	1,510	20	4,043	20	46,077	20								
		3	Quite a bit	327	48	3,748	49	9,880	47	110,923	46								
		4	Very much	215	31	2,186	29	6,313	31	73,509	32								
		Total		684	100	7,566	100	20,599	100	235,099	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	20	3	170	2	561	3	6,968	3	3.0	3.0	.00	3.0	.00	3.0	-.01	
		2	Some	137	20	1,552	21	4,254	21	47,997	21								
		3	Quite a bit	342	50	3,829	50	9,930	48	111,183	47								
		4	Very much	184	27	2,007	27	5,834	28	68,652	29								
		Total		683	100	7,558	100	20,579	100	234,800	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	14	2	191	3	576	3	7,310	4	3.0	3.0	.02	3.0	.03	3.0	.02	
		2	Some	134	19	1,607	22	4,417	22	50,180	22								
		3	Quite a bit	344	52	3,523	46	9,206	45	103,175	43								
		4	Very much	190	27	2,215	29	6,326	30	73,788	31								
		Total		682	100	7,536	100	20,525	100	234,453	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	54	8	578	8	1,408	7	17,168	8	2.7	2.7	-.03	2.8 **	-.11	2.8 **	-.11	
		2	Some	217	31	2,394	32	5,915	29	66,730	29								
		3	Quite a bit	291	43	2,912	39	7,920	38	89,103	37								
		4	Very much	121	18	1,661	22	5,291	25	61,378	26								
		Total		683	100	7,545	100	20,534	100	234,379	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	50	7	700	9	1,581	8	18,926	8	2.7	2.7	.00	2.7 *	-.09	2.7 **	-.09	
		2	Some	251	37	2,596	34	6,363	32	73,614	31								
		3	Quite a bit	273	41	2,883	38	8,133	39	90,698	38								
		4	Very much	106	16	1,343	18	4,384	21	50,551	22								
		Total		680	100	7,522	100	20,461	100	233,789	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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. 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	71	10	764	10	2,384	12	27,223	11	2.6	2.6	-.02	2.5	.05	2.6	.02	
		2	Sometimes	247	35	2,798	37	7,813	37	86,422	36								
		3	Often	277	42	2,797	38	7,447	37	85,997	37								
		4	Very often	81	13	1,174	16	2,832	14	34,235	15								
		Total		676	100	7,533	100	20,476	100	233,877	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	114	16	1,498	19	4,203	21	49,186	21	2.4	2.3	.04	2.3 *	.08	2.3	.07	
		2	Sometimes	293	42	3,107	41	8,476	41	95,925	41								
		3	Often	204	31	2,121	29	5,741	28	64,508	28								
		4	Very often	65	10	793	11	2,027	10	24,043	11								
		Total		676	100	7,519	100	20,447	100	233,662	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	106	15	1,298	17	3,969	19	45,312	19	2.4	2.3	.06	2.3 **	.12	2.3 *	.10	
		2	Sometimes	288	41	3,325	44	9,022	44	100,638	43								
		3	Often	229	36	2,244	31	5,748	29	66,661	29								
		4	Very often	53	8	659	9	1,719	9	21,129	9								
		Total		676	100	7,526	100	20,458	100	233,740	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	48	8	269	4	935	5	11,014	6	5.3	6.5 ***	-.24	6.6 ***	-.24	6.6 ***	-.24	
		1.5	1-2	184	28	1,323	19	3,686	20	40,754	20								
		4	3-5	192	30	2,305	33	5,895	31	68,394	32								
		8	6-10	131	21	1,758	25	4,607	24	52,024	24								
		13	11-15	48	8	714	10	1,936	10	21,904	10								
		18	16-20	15	2	301	4	849	4	9,739	4								
		23	More than 20	14	2	249	3	873	5	10,363	5								
		Total		632	100	6,919	100	18,781	100	214,192	100								
b. Between 6 and 10 pages	wrmednum (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	271	42	2,030	31	6,311	35	71,603	35	1.7	2.1 **	-.14	2.1 ***	-.13	2.2 ***	-.16	
		1.5	1-2	235	38	2,997	44	7,497	40	83,106	38								
		4	3-5	87	14	1,282	18	3,205	17	38,102	17								
		8	6-10	28	4	407	6	1,160	6	13,694	7								
		13	11-15	5	1	81	1	263	1	3,279	2								
		18	16-20	3	0	21	0	74	0	989	1								
		23	More than 20	1	0	12	0	91	1	1,059	1								
Total		630	100	6,830	100	18,601	100	211,832	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				JMU	Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU	Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017			
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. 11 pages or more	wrlongnum	0	None	533	84	5,101	75	14,414	78	160,540	76	.6	.7	-.06	.8 *	-.09	.9 ***	-.12	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	67	11	1,260	19	2,938	16	35,437	16								
		4	3-5	13	2	234	3	518	3	6,900	3								
		8	6-10	11	2	96	1	343	2	4,045	2								
		13	11-15	3	1	48	1	162	1	1,987	1								
		18	16-20	3	1	10	0	51	0	692	0								
		23	More than 20	1	0	14	0	87	1	998	1								
		Total		631	100	6,763	100	18,513	100	210,599	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.)									38.1	46.1 ***	-.15	48.1 ***	-.16	50.3 ***	-.18	
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	17	3	210	3	777	4	9,798	5	3.1	3.0	.04	3.0	.04	3.0	.03	
		2	Sometimes	164	26	1,945	27	4,702	25	52,530	24								
		3	Often	217	34	2,325	34	6,397	34	69,537	32								
		4	Very often	233	37	2,458	36	6,874	36	81,854	38								
			Total	631	100	6,938	100	18,750	100	213,719	100								
b. People from an economic background other than your own	DDeconomic	1	Never	20	3	188	3	765	4	9,143	5	3.1	3.0 **	.12	3.0 ***	.15	3.0 ***	.14	
		2	Sometimes	122	19	1,753	25	4,497	24	50,203	24								
		3	Often	245	39	2,674	39	7,142	38	78,929	37								
		4	Very often	239	39	2,301	34	6,278	33	74,836	35								
			Total	626	100	6,916	100	18,682	100	213,111	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	22	4	277	4	998	6	14,564	7	3.1	3.0 *	.09	3.0 ***	.14	2.9 ***	.18	
		2	Sometimes	137	22	1,787	26	4,722	26	56,587	26								
		3	Often	230	36	2,401	35	6,513	35	69,239	32								
		4	Very often	237	39	2,455	36	6,453	34	72,704	34								
			Total	626	100	6,920	100	18,686	100	213,094	100								
d. People with political views other than your own	DDpolitical	1	Never	12	2	291	4	992	6	12,300	6	3.3	3.0 ***	.28	3.0 ***	.33	2.9 ***	.34	
		2	Sometimes	108	17	1,785	25	4,801	26	57,219	27								
		3	Often	217	33	2,384	34	6,406	34	70,940	33								
		4	Very often	293	47	2,446	36	6,468	34	72,484	34								
			Total	630	100	6,906	100	18,667	100	212,943	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	3	1	92	1	291	2	3,322	2	3.1	3.0 *	.10	3.0 ***	.14	3.0 **	.11	
		2	Sometimes	109	17	1,451	22	3,955	22	43,805	21								
		3	Often	316	52	3,285	48	9,080	49	102,227	48								
		4	Very often	196	30	2,040	29	5,235	27	62,473	29								
		Total		624	100	6,868	100	18,561	100	211,827	100								
b. Reviewed your notes after class	LSnotes	1	Never	20	3	313	5	880	5	9,797	5	2.9	2.9	.04	2.9	.04	2.9	.04	
		2	Sometimes	175	29	2,097	31	5,394	30	62,887	30								
		3	Often	245	40	2,405	35	6,642	36	76,121	36								
		4	Very often	186	28	2,047	29	5,651	29	62,933	29								
		Total		626	100	6,862	100	18,567	100	211,738	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	23	4	387	6	1,141	6	12,418	6	2.8	2.8	.04	2.8	.07	2.8	.03	
		2	Sometimes	198	32	2,157	32	5,742	32	65,627	31								
		3	Often	250	42	2,665	39	7,239	39	82,383	39								
		4	Very often	152	23	1,631	23	4,366	23	50,415	24								
		Total		623	100	6,840	100	18,488	100	210,843	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	3	1	33	1	136	1	1,602	1	5.5	5.4	.05	5.4 *	.10	5.4	.04	
		2		2	1	44	1	185	1	2,364	1								
		3		19	3	233	4	765	4	8,548	4								
		4		57	10	715	11	2,247	13	23,651	12								
		5		219	34	2,479	36	6,465	35	69,786	33								
		6		201	33	2,043	30	4,961	26	57,467	26								
		7	Very much	119	18	1,284	18	3,697	20	47,430	23								
		Total		620	100	6,831	100	18,456	100	210,848	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		54	9	570	9	2,156	13	24,066	13	4%	7% **	-.14	7% ***	-.16	8% ***	-.18	
		Do not plan to do		23	4	225	4	813	5	9,738	5								
		Plan to do		522	83	5,566	81	14,075	74	160,201	74								
		Done or in progress		24	4	475	7	1,361	7	16,456	8								
		Total		623	100	6,836	100	18,405	100	210,461	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

			Your first-year students compared with															
			JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017								
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	134	22	1,683	25	5,000	28	56,033	27	9%	12%	-.09	11%	-.07	11%	-.07	
		Do not plan to do	84	14	1,286	20	4,360	26	46,213	24								
		Plan to do	350	55	3,074	43	6,976	36	83,839	38								
		Done or in progress	56	9	783	12	2,013	11	23,810	11								
		Total	624	100	6,826	100	18,349	100	209,895	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	202	33	2,129	31	5,980	33	68,312	32	8%	15% ***	-.23	14% ***	-.19	14% ***	-.18	
		Do not plan to do	173	27	1,983	29	4,622	26	54,538	27								
		Plan to do	193	32	1,676	25	5,121	27	58,478	27								
		Done or in progress	51	8	1,003	15	2,574	14	27,823	14								
		Total	619	100	6,791	100	18,297	100	209,151	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	153	25	1,697	26	5,121	29	56,535	28	3%	3%	.01	3%	.01	3%	.01	
		Do not plan to do	106	19	1,409	23	4,728	28	54,542	28								
		Plan to do	340	53	3,500	49	7,924	41	91,967	41								
		Done or in progress	23	3	201	3	545	3	6,307	3								
		Total	622	100	6,807	100	18,318	100	209,351	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	240	37	2,490	37	7,231	40	78,663	38	2%	5% **	-.15	4% *	-.11	5% **	-.15	
		Do not plan to do	141	23	1,557	23	4,646	26	47,866	24								
		Plan to do	228	38	2,415	35	5,663	31	72,736	34								
		Done or in progress	15	2	318	5	727	4	9,696	5								
		Total	624	100	6,780	100	18,267	100	208,961	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	210	33	2,141	33	6,222	35	65,953	33	1%	2%	-.09	2% *	-.12	2% *	-.13	
		Do not plan to do	51	8	614	10	1,883	11	20,757	11								
		Plan to do	358	58	3,934	56	9,827	52	118,036	54								
		Done or in progress	3	1	91	2	335	2	4,101	2								
		Total	622	100	6,780	100	18,267	100	208,847	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
servcourse	1	None	372	57	3,728	55	7,632	43	97,928	48	1.5	1.5	-.04	1.7 ***	-.25	1.6 ***	-.17	
		2	Some	205	35	2,597	38	8,842	48	91,408								43
		3	Most	41	7	381	6	1,510	8	15,735								8
		4	All	3	1	66	1	255	1	3,290								2
		Total	621	100	6,772	100	18,239	100	208,361	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	1	67	1	311	2	3,276	2	5.8	5.5 ***	.25	5.4 ***	.32	5.4 ***	.29	
		2		11	2	124	2	352	2	4,199	2								
		3		17	3	311	5	951	5	10,706	5								
		4		44	7	759	11	2,325	13	25,335	12								
		5		149	23	1,810	26	4,898	27	54,473	26								
		6		181	30	2,026	30	4,880	26	55,003	26								
		7	Excellent	218	35	1,683	24	4,396	23	53,827	25								
		—	Not applicable	0	0	21	0	141	1	2,007	1								
			Total	623	100	6,801	100	18,254	100	208,826	100								
b. Academic advisors																			
	QIadvisor	1	Poor	29	5	234	3	623	4	6,957	4	5.1	5.2	-.03	5.1	-.02	5.2	-.06	
		2		24	4	327	4	836	5	9,400	5								
		3		53	8	569	8	1,474	8	16,169	8								
		4		100	15	933	14	2,680	15	28,709	13								
		5		137	21	1,399	21	3,776	20	42,467	20								
		6		128	21	1,386	20	3,749	20	43,477	21								
		7	Excellent	142	24	1,656	26	4,741	26	57,096	28								
		—	Not applicable	10	2	278	4	364	3	4,331	2								
			Total	623	100	6,782	100	18,243	100	208,606	100								
c. Faculty																			
	QIfaculty	1	Poor	6	1	77	1	312	2	3,741	2	5.4	5.3 **	.11	5.3 **	.11	5.3 **	.10	
		2		15	2	142	2	469	3	5,764	3								
		3		27	4	368	5	1,101	6	12,381	6								
		4		83	13	995	14	2,590	14	28,705	14								
		5		173	28	2,025	30	4,888	26	53,494	25								
		6		195	31	1,998	29	5,021	27	56,345	26								
		7	Excellent	121	21	1,126	17	3,622	20	45,500	22								
		—	Not applicable	1	0	38	1	182	1	2,188	1								
			Total	621	100	6,769	100	18,185	100	208,118	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	9	1	207	3	706	4	7,973	4	5.4	5.0 ***	.24	5.0 ***	.25	5.0 ***	.24	
		2		20	3	271	4	747	4	8,745	4								
		3		29	4	493	7	1,351	7	14,910	7								
		4		78	13	1,037	15	2,605	14	28,961	14								
		5		142	22	1,597	24	3,994	22	44,961	21								
		6		157	25	1,575	23	3,893	21	43,692	20								
		7	Excellent	154	26	1,164	17	3,325	18	40,428	19								
		—	Not applicable	31	5	436	7	1,582	10	18,427	11								
	Total	620	100	6,780	100	18,203	100	208,097	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	17	2	208	3	727	4	8,502	4	5.1	4.9 **	.13	5.0 *	.10	5.0 *	.10	
		2		27	4	309	5	899	5	10,182	5								
		3		41	6	509	7	1,454	8	16,476	8								
		4		74	12	1,072	16	2,773	15	31,114	15								
		5		138	22	1,549	23	4,095	22	45,687	21								
		6		133	22	1,387	20	3,858	21	42,813	20								
		7	Excellent	106	18	1,000	15	3,276	18	39,685	20								
		—	Not applicable	83	13	744	11	1,147	7	13,962	7								
	Total	619	100	6,778	100	18,229	100	208,421	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	3	0	94	2	238	2	3,001	2	3.2	3.1 *	.09	3.1 **	.12	3.1 *	.08	
		2	Some	73	13	1,049	17	2,991	18	32,342	17								
		3	Quite a bit	317	53	3,081	48	8,446	48	94,281	47								
		4	Very much	209	34	2,264	34	5,764	32	69,800	34								
			Total	602	100	6,488	100	17,439	100	199,424	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	11	2	197	3	570	4	6,317	4	3.2	3.1 **	.11	3.0 ***	.16	3.1 ***	.14	
		2	Some	92	17	1,167	19	3,399	20	38,463	20								
		3	Quite a bit	267	45	2,900	45	7,600	44	85,851	43								
		4	Very much	227	37	2,171	33	5,717	32	67,399	33								
			Total	597	100	6,435	100	17,286	100	198,030	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	28	5	296	5	889	5	10,475	6	3.2	3.1	.04	3.1 *	.10	3.1 *	.10	
		2	Some	92	16	1,021	16	3,044	18	34,568	18								
		3	Quite a bit	219	37	2,534	40	6,701	39	75,561	38								
		4	Very much	261	42	2,577	39	6,676	37	77,440	38								
			Total	600	100	6,428	100	17,310	100	198,044	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	43	7	672	10	1,589	10	19,543	10	2.9	2.7 ***	.17	2.8 *	.10	2.8 **	.12	
		2	Some	158	27	1,957	30	4,760	28	54,668	28								
		3	Quite a bit	222	38	2,276	36	6,201	36	70,785	36								
		4	Very much	176	29	1,523	24	4,736	27	52,863	26								
		Total		599	100	6,428	100	17,286	100	197,859	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	10	2	243	4	793	5	10,522	6	3.3	3.0 ***	.25	3.0 ***	.32	3.0 ***	.34	
		2	Some	82	14	1,288	20	3,831	23	43,739	23								
		3	Quite a bit	246	42	2,758	43	7,045	41	80,657	40								
		4	Very much	258	43	2,134	33	5,584	31	62,693	31								
		Total		596	100	6,423	100	17,253	100	197,611	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	15	2	289	5	951	6	12,085	7	3.2	3.0 ***	.24	3.0 ***	.32	2.9 ***	.34	
		2	Some	77	13	1,329	21	3,810	23	44,661	23								
		3	Quite a bit	255	43	2,643	41	6,995	40	79,499	40								
		4	Very much	252	41	2,137	33	5,471	31	61,034	30								
		Total		599	100	6,398	100	17,227	100	197,279	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	65	11	1,312	20	3,419	21	39,674	21	2.6	2.4 ***	.29	2.4 ***	.26	2.4 ***	.26	
		2	Some	201	33	2,419	38	6,138	36	71,628	36								
		3	Quite a bit	220	37	1,822	29	5,083	29	56,951	29								
		4	Very much	109	18	842	13	2,584	15	28,889	15								
		Total		595	100	6,395	100	17,224	100	197,142	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	23	4	349	6	1,274	8	16,589	10	3.0	2.9 ***	.16	2.8 ***	.22	2.8 ***	.24	
		2	Some	121	20	1,666	26	4,340	26	49,378	26								
		3	Quite a bit	263	45	2,711	42	6,811	39	77,240	38								
		4	Very much	189	31	1,674	26	4,770	26	53,704	26								
		Total		596	100	6,400	100	17,195	100	196,911	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	65	11	738	12	1,998	13	26,201	15	2.7	2.6 **	.13	2.6 *	.09	2.6 ***	.14	
		2	Some	185	30	2,307	36	5,578	33	64,793	33								
		3	Quite a bit	215	37	2,277	35	6,078	34	67,894	33								
		4	Very much	128	21	1,067	17	3,532	20	37,777	18								
		Total		593	100	6,389	100	17,186	100	196,665	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	
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	14	0	57	0	735	0	15.7	15.1	.08	14.1 ***	.20	14.7 **	.12	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	37	6	596	10	2,135	13	22,617	12								
		8	6-10 hrs	115	20	1,309	21	3,986	24	43,114	23								
		13	11-15 hrs	158	26	1,545	24	4,000	23	43,589	22								
		18	16-20 hrs	128	21	1,379	21	3,396	19	39,094	19								
		23	21-25 hrs	105	18	829	12	1,963	11	23,851	12								
		28	26-30 hrs	32	5	374	5	860	5	11,987	6								
		33	More than 30 hrs	21	4	349	5	810	5	11,783	6								
			Total	596	100	6,395	100	17,207	100	196,770	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	80	14	1,297	22	5,258	34	57,687	33	7.5	6.5 ***	.15	5.5 ***	.29	5.7 ***	.25	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	207	33	2,374	36	5,743	32	65,898	32								
		8	6-10 hrs	160	27	1,321	21	2,801	16	32,851	16								
		13	11-15 hrs	76	14	707	11	1,562	9	18,530	9								
		18	16-20 hrs	40	7	370	6	970	5	11,253	5								
		23	21-25 hrs	23	4	161	2	432	2	5,260	3								
		28	26-30 hrs	5	1	55	1	157	1	1,914	1								
		33	More than 30 hrs	3	0	70	1	207	1	2,597	1								
			Total	594	100	6,355	100	17,130	100	195,990	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	517	87	5,250	83	13,571	81	151,631	79	1.3	1.9 ***	-.13	2.3 ***	-.18	2.4 ***	-.19	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	3	165	2	724	4	9,107	4								
		8	6-10 hrs	30	5	403	6	1,144	6	15,665	7								
		13	11-15 hrs	19	3	327	5	872	5	9,885	5								
		18	16-20 hrs	6	1	158	2	558	3	6,376	3								
		23	21-25 hrs	3	1	48	1	171	1	2,029	1								
		28	26-30 hrs	0	0	13	0	48	0	552	0								
		33	More than 30 hrs	1	0	16	0	71	0	1,028	1								
			Total	593	100	6,380	100	17,159	100	196,273	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

				Your first-year students compared with															
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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. Working for pay off campus	tmworkoffhrs	0	0 hrs	538	90	5,049	78	11,251	65	136,211	67	1.3	3.1 *** ▼	-.26	6.1 *** ▼	-.49	5.8 *** ▼	-.44	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	2	256	4	823	4	9,093	4								
	8	6-10 hrs	11	2	268	4	974	5	10,155	5									
	13	11-15 hrs	16	3	271	5	1,087	6	10,088	5									
	18	16-20 hrs	7	1	265	4	1,165	7	10,535	6									
	23	21-25 hrs	8	2	134	2	775	5	7,310	4									
	28	26-30 hrs	0	0	64	1	423	3	4,175	2									
	33	More than 30 hrs	2	0	74	1	652	5	8,636	6									
	Total			595	100	6,381	100	17,150	100	196,203	100								
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)									2.6	5.0 *** ▼	-.27	8.3 *** ▼	-.51	8.1 *** ▼	-.48	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	309	53	3,684	59	9,474	57	109,689	57	2.6	2.2 ** ▲	.12	2.5	.03	2.5	.02	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	220	35	2,035	31	5,588	31	62,844	31								
	8	6-10 hrs	31	5	358	6	1,095	6	12,353	7									
	13	11-15 hrs	18	3	140	2	478	3	5,358	3									
	18	16-20 hrs	9	2	87	1	264	2	2,973	2									
	23	21-25 hrs	6	1	24	0	111	1	1,375	1									
	28	26-30 hrs	0	0	6	0	41	0	444	0									
	33	More than 30 hrs	1	0	11	0	81	0	828	0									
	Total			594	100	6,345	100	17,132	100	195,864	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	5	1	54	1	306	2	3,718	2	13.8	13.5	.04	12.4 *** ▲	.16	12.1 *** ▲	.20	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	87	14	992	15	3,543	20	42,181	22								
	8	6-10 hrs	146	23	1,739	26	4,710	27	54,293	27									
	13	11-15 hrs	156	27	1,475	23	3,633	21	40,775	20									
	18	16-20 hrs	101	17	1,023	17	2,366	14	26,180	13									
	23	21-25 hrs	47	8	470	8	1,041	6	12,038	6									
	28	26-30 hrs	26	5	199	3	498	3	5,371	3									
	33	More than 30 hrs	24	5	406	7	1,036	7	11,454	6									
	Total			592	100	6,358	100	17,133	100	196,010	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	535	89	5,565	87	13,211	76	151,941	75	1.0	1.2	-.04	2.4 ***	-.22	3.1 ***	-.27	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	31	6	421	7	1,847	11	18,979	10								
	8	6-10 hrs	7	1	142	2	837	5	8,181	5									
	13	11-15 hrs	10	2	117	2	477	3	5,082	3									
	18	16-20 hrs	3	1	56	1	254	2	3,215	2									
	23	21-25 hrs	3	1	35	1	127	1	1,759	1									
	28	26-30 hrs	2	0	9	0	53	0	788	1									
	33	More than 30 hrs	2	0	21	0	288	2	5,694	4									
	Total			593	100	6,366	100	17,094	100	195,639	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	366	61	3,292	51	7,457	39	91,207	44	2.4	2.9 *	-.11	4.0 ***	-.28	3.8 ***	-.24	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	156	26	2,166	34	6,087	38	66,187	34								
	8	6-10 hrs	34	6	549	9	1,998	13	21,284	12									
	13	11-15 hrs	18	3	186	3	783	5	8,397	5									
	18	16-20 hrs	10	2	100	2	329	2	4,037	2									
	23	21-25 hrs	6	1	32	1	188	1	1,899	1									
	28	26-30 hrs	1	0	21	0	71	0	785	0									
	33	More than 30 hrs	1	0	31	1	220	1	2,305	1									
	Total			592	100	6,377	100	17,133	100	196,101	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	35	6	781	13	1,709	11	21,864	12	3.0	2.7 ***	.33	2.8 ***	.22	2.8 ***	.26		
	2	Some	149	26	2,174	35	5,480	33	63,264	33									
	3	About half	202	32	1,826	28	5,131	29	57,929	29									
	4	Most	157	27	1,194	18	3,524	20	38,979	19									
	5	Almost all	51	8	391	6	1,275	7	13,946	7									
		Total			594	100	6,366	100	17,119	100								195,982	100
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmrephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)										8.2	6.6 ***	.28	6.7 ***	.26	6.8 ***	.23		

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a						Statistical Comparisons ^b									
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	13	0	57	0	712	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	204	36	3,019	50	8,262	50	93,190	50								
		3	More than 5, up to 10 hrs	226	37	2,027	31	5,199	30	58,816	29								
		4	More than 10, up to 15 hrs	90	15	688	10	1,828	10	21,387	10								
		5	More than 15, up to 20 hrs	39	7	350	5	933	5	11,213	5								
		6	More than 20, up to 25 hrs	20	4	188	3	575	3	7,185	3								
		7	More than 25 hrs	14	2	62	1	218	1	2,728	1								
		Total		593	100	6,347	100	17,072	100	195,231	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	38	6	521	8	1,005	6	13,641	7	2.7	2.7	.02	2.8 *	-0.10	2.8	-0.08
		2	Some	184	31	1,909	30	4,544	27	53,136	27							
		3	Quite a bit	264	45	2,701	43	7,721	45	84,101	43							
		4	Very much	103	18	1,211	19	3,767	22	44,203	23							
		Total		589	100	6,342	100	17,037	100	195,081	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	21	4	745	11	1,491	9	20,910	11	2.9	2.6 ***	.30	2.7 ***	.19	2.7 ***	.23
		2	Some	156	26	2,192	34	5,211	31	61,316	31							
		3	Quite a bit	287	49	2,300	37	6,803	40	74,199	38							
		4	Very much	127	21	1,098	17	3,538	20	38,612	20							
		Total		591	100	6,335	100	17,043	100	195,037	100							
c. Thinking critically and analytically	pgthink	1	Very little	8	1	183	3	480	3	6,110	4	3.1	3.0	.08	3.1	.06	3.1	.06
		2	Some	107	18	1,262	20	3,235	19	37,036	19							
		3	Quite a bit	286	48	2,929	46	7,773	46	87,165	44							
		4	Very much	191	32	1,959	31	5,548	32	64,761	33							
		Total		592	100	6,333	100	17,036	100	195,072	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	67	11	834	13	2,162	12	25,812	13	2.6	2.6	.02	2.6	.04	2.6	.01
		2	Some	199	33	2,009	32	5,641	33	61,627	31							
		3	Quite a bit	221	38	2,264	36	6,062	36	68,856	35							
		4	Very much	104	19	1,228	20	3,169	19	38,674	21							
		Total		591	100	6,335	100	17,034	100	194,969	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
												<i>Your first-year students compared with</i>							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	74	13	865	14	2,239	14	25,851	14	2.6	2.6	.01	2.6	.00	2.6	-.04	
		2	Some	210	34	2,230	35	5,644	33	63,229	32								
		3	Quite a bit	216	37	2,106	33	5,938	34	67,218	34								
		4	Very much	93	16	1,128	18	3,211	18	38,689	20								
		Total		593	100	6,329	100	17,032	100	194,987	100								
f. Working effectively with others	pgothers	1	Very little	17	3	368	6	969	6	12,560	7	3.0	2.8 ***	.17	2.8 ***	.16	2.8 ***	.17	
		2	Some	140	24	1,759	28	4,603	28	53,385	28								
		3	Quite a bit	272	45	2,714	43	7,239	42	80,494	40								
		4	Very much	162	28	1,489	23	4,202	24	48,431	25								
		Total		591	100	6,330	100	17,013	100	194,870	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	34	6	753	12	1,672	11	20,529	12	2.9	2.6 ***	.24	2.7 ***	.17	2.7 ***	.15	
		2	Some	158	27	2,029	32	4,946	30	55,146	29								
		3	Quite a bit	250	42	2,311	37	6,588	38	73,771	37								
		4	Very much	149	25	1,228	19	3,802	22	45,367	23								
		Total		591	100	6,321	100	17,008	100	194,813	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	47	8	650	10	1,400	9	17,824	10	2.8	2.7 ***	.15	2.8	.02	2.8	.04	
		2	Some	161	27	2,019	32	4,597	28	53,577	28								
		3	Quite a bit	233	40	2,329	37	6,451	37	72,886	37								
		4	Very much	150	25	1,332	21	4,575	26	50,487	26								
		Total		591	100	6,330	100	17,023	100	194,774	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	47	8	759	12	1,882	12	21,754	12	2.7	2.6 **	.13	2.6 *	.09	2.6	.06	
		2	Some	196	32	2,261	36	5,779	34	64,338	33								
		3	Quite a bit	236	41	2,220	35	6,137	35	70,018	35								
		4	Very much	110	18	1,078	17	3,213	18	38,561	20								
		Total		589	100	6,318	100	17,011	100	194,671	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	42	7	779	12	1,732	11	21,418	12	2.8	2.6 ***	.24	2.7 ***	.16	2.7 ***	.17	
		2	Some	161	28	2,121	33	5,231	31	60,498	31								
		3	Quite a bit	253	43	2,254	36	6,354	37	70,705	36								
		4	Very much	135	23	1,154	18	3,654	21	41,543	21								
		Total		591	100	6,308	100	16,971	100	194,164	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017				
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	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	5	1	89	2	312	2	3,733	2	3.4	3.2 *** ▲	.28	3.2 *** ▲	.34	3.2 *** ▲	.30	
		2	Fair	50	8	670	11	2,010	13	23,120	13								
		3	Good	222	38	3,173	50	8,509	51	93,139	48								
		4	Excellent	311	52	2,392	37	6,191	35	74,862	37								
			Total	588	100	6,324	100	17,022	100	194,854	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	12	2	172	3	639	4	7,233	4	3.5	3.3 *** ▲	.25	3.2 *** ▲	.33	3.2 *** ▲	.29	
		2	Probably no	45	8	730	12	2,112	13	23,477	12								
		3	Probably yes	197	33	2,630	42	7,262	44	80,505	41								
		4	Definitely yes	336	57	2,813	44	7,037	40	83,851	42								
			Total	590	100	6,345	100	17,050	100	195,066	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a						Statistical Comparisons ^b									
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
				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	12	1	199	2	638	2	7,666	3	3.2	3.1 *	.07	3.1	.06	3.1 *	.08	
		2	Sometimes	215	24	2,572	26	7,299	25	77,846	25								
		3	Often	279	31	3,215	32	9,383	32	100,186	31								
		4	Very often	392	43	3,967	40	12,009	41	133,345	41								
		Total		898	100	9,953	100	29,329	100	319,043	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	213	24	2,373	24	6,193	22	65,985	21	2.3	2.3	-0.05	2.4 ***	-0.14	2.4 ***	-0.16	
		2	Sometimes	345	39	3,718	37	10,565	36	113,071	35								
		3	Often	217	24	2,327	24	7,263	25	80,804	26								
		4	Very often	122	13	1,454	15	5,138	18	57,078	18								
		Total		897	100	9,872	100	29,159	100	316,938	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	59	7	664	7	1,872	7	19,101	6	2.9	2.9	-0.03	2.9 *	-0.08	3.0 ***	-0.14	
		2	Often	137	16	1,661	16	4,350	15	45,344	14								
		3	Sometimes	535	59	5,691	57	16,499	56	172,164	54								
		4	Never	162	18	1,828	20	6,409	22	79,904	26								
		Total		893	100	9,844	100	29,130	100	316,513	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	338	38	4,024	43	12,505	45	135,428	45	1.9	1.8 **	.10	1.8 ***	.12	1.8 **	.11	
		2	Sometimes	374	41	3,966	39	11,108	37	116,302	36								
		3	Often	96	11	1,143	11	3,359	11	39,684	12								
		4	Very often	84	9	702	7	2,109	7	24,438	7								
		Total		892	100	9,835	100	29,081	100	315,852	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	39	5	855	9	2,940	11	42,294	15	2.7	2.6 ***	.16	2.5 ***	.21	2.4 ***	.30	
		2	Sometimes	345	38	3,993	41	12,151	43	132,115	42								
		3	Often	349	39	3,313	33	9,316	31	93,117	28								
		4	Very often	160	18	1,653	16	4,646	16	48,027	15								
		Total		893	100	9,814	100	29,053	100	315,553	100								
f. Explained course material to one or more students	CLexplain	1	Never	8	1	275	3	1,001	4	18,421	7	3.0	2.9 ***	.15	2.8 ***	.19	2.7 ***	.29	
		2	Sometimes	258	28	3,078	32	9,459	33	108,667	35								
		3	Often	388	44	4,134	42	11,854	40	119,731	37								
		4	Very often	240	28	2,310	24	6,694	23	68,266	21								
		Total		894	100	9,797	100	29,008	100	315,085	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with																	
				JMU	Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU	Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017					
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	70	9	1,262	13	4,020	15	55,496	19	2.8	2.6 ***	.18	2.6 ***	.21	2.5 ***	.30			
		2	Sometimes	288	31	3,386	35	9,928	35	106,819	34								Δ	Δ	Δ
		3	Often	318	36	3,069	31	8,979	30	90,207	28										
		4	Very often	217	25	2,048	21	6,028	20	61,741	19										
		Total		893	100	9,765	100	28,955	100	314,263	100										
h. Worked with other students on course projects or assignments	CLproject	1	Never	16	2	311	3	1,203	4	21,502	8	3.2	3.0 ***	.20	2.9 ***	.26	2.8 ***	.36			
		2	Sometimes	172	19	2,442	26	7,639	27	89,561	29								Δ	Δ	▲
		3	Often	356	40	3,833	39	11,235	38	113,500	35										
		4	Very often	347	39	3,164	32	8,811	30	89,018	28										
		Total		891	100	9,750	100	28,888	100	313,581	100										
i. Given a course presentation	present	1	Never	35	4	595	6	2,115	8	33,969	12	3.0	2.8 ***	.13	2.8 ***	.15	2.7 ***	.28			
		2	Sometimes	247	28	2,890	30	8,221	29	95,519	31								Δ	Δ	Δ
		3	Often	319	35	3,455	35	10,196	35	103,314	32										
		4	Very often	290	33	2,802	28	8,360	28	80,709	25										
		Total		891	100	9,742	100	28,892	100	313,511	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	6	1	227	3	783	3	10,450	4	3.1	3.0 ***	.16	3.0 ***	.19	2.9 ***	.26			
		2	Sometimes	160	18	2,333	24	7,083	25	83,127	27								Δ	Δ	Δ
		3	Often	413	47	4,008	42	12,044	42	128,143	41										
		4	Very often	307	34	3,029	31	8,726	30	88,698	28										
		Total		886	100	9,597	100	28,636	100	310,418	100										
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	30	4	536	6	1,653	7	19,804	7	3.0	2.8 ***	.14	2.8 ***	.15	2.8 ***	.18			
		2	Sometimes	211	25	2,852	30	8,551	31	94,905	31								Δ	Δ	Δ
		3	Often	382	43	3,547	37	10,654	37	114,038	36										
		4	Very often	263	29	2,611	27	7,671	26	80,599	25										
		Total		886	100	9,546	100	28,529	100	309,346	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	61	8	1,013	12	2,882	11	34,492	13	2.8	2.6 ***	.16	2.7 ***	.13	2.6 ***	.17			
		2	Sometimes	258	30	3,346	35	9,611	34	105,700	35								Δ	Δ	Δ
		3	Often	339	38	3,017	31	9,294	32	98,692	31										
		4	Very often	222	24	2,128	22	6,648	23	69,415	22										
		Total		880	100	9,504	100	28,435	100	308,299	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b									
												<i>Your seniors compared with</i>									
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017			
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. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	26	3	431	5	1,236	5	13,140	5	2.9	2.8 ***	.13	2.8 ***	.11	2.8 ***	.12			
		2	Sometimes	225	26	2,822	30	8,224	29	89,619	29								△	△	△
		3	Often	409	46	4,112	43	12,385	43	133,496	43								△	△	△
		4	Very often	218	25	2,104	22	6,538	23	71,060	23								△	△	△
		Total		878	100	9,469	100	28,383	100	307,315	100								△	△	△
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	14	2	275	3	773	3	8,420	3	3.1	3.0 ***	.15	3.0 ***	.13	3.0 ***	.14			
		2	Sometimes	181	20	2,388	26	6,850	25	75,537	25								△	△	△
		3	Often	401	46	4,100	43	12,601	44	136,194	44								△	△	△
		4	Very often	278	32	2,645	28	8,032	28	85,752	28								△	△	△
		Total		874	100	9,408	100	28,256	100	305,903	100								△	△	△
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	8	1	171	2	516	2	5,760	2	3.1	3.0 ***	.17	3.0 ***	.16	2.9 ***	.18			
		2	Sometimes	168	19	2,504	27	7,206	26	80,478	27								△	△	△
		3	Often	431	50	4,143	44	12,673	45	136,101	44								△	△	△
		4	Very often	261	30	2,562	27	7,748	27	82,318	26								△	△	△
		Total		868	100	9,380	100	28,143	100	304,657	100								△	△	△
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	6	1	79	1	237	1	2,727	1	3.3	3.2 *	.08	3.2 *	.08	3.2 **	.10			
		2	Sometimes	82	10	1,379	15	3,981	15	46,263	16								△	△	△
		3	Often	450	52	4,310	46	13,206	47	140,823	46								△	△	△
		4	Very often	329	38	3,567	38	10,609	37	113,607	37								△	△	△
		Total		867	100	9,335	100	28,033	100	303,420	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	84	10	1,369	15	4,056	16	50,705	18	2.6	2.5 ***	.13	2.5 ***	.12	2.4 ***	.19			
		2	Sometimes	356	42	3,760	40	10,666	39	118,030	39								△	△	△
		3	Often	232	26	2,381	25	7,439	26	77,146	24								△	△	△
		4	Very often	195	23	1,817	19	5,889	20	57,767	18								△	△	△
		Total		867	100	9,327	100	28,050	100	303,648	100								△	△	△
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	261	30	3,507	39	10,755	40	124,370	44	2.2	2.0 ***	.16	2.0 ***	.18	1.9 ***	.25			
		2	Sometimes	300	35	3,003	32	8,831	31	93,139	30								△	△	△
		3	Often	182	21	1,645	17	4,830	16	50,028	16								△	△	△
		4	Very often	122	14	1,149	12	3,580	12	35,404	11								△	△	△
		Total		865	100	9,304	100	27,996	100	302,941	100								△	△	△

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with															
				JMU	Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU	Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017			
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	122	15	1,833	20	6,165	23	78,180	28	2.4	2.3 ***	.15	2.2 ***	.18	2.2 ***	.27	
		2	Sometimes	391	45	4,146	44	11,669	42	122,722	40								
		3	Often	227	26	2,168	23	6,511	23	65,903	21								
		4	Very often	123	15	1,137	12	3,577	12	35,291	11								
		Total		863	100	9,284	100	27,922	100	302,096	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	160	19	1,956	21	5,386	21	66,072	23	2.2	2.2	.02	2.3	-.02	2.2	.04	
		2	Sometimes	416	48	4,246	46	12,230	44	134,091	44								
		3	Often	195	22	2,061	22	6,794	24	68,117	22								
		4	Very often	92	11	1,003	11	3,471	12	33,610	11								
		Total		863	100	9,266	100	27,881	100	301,890	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	53	6	701	7	2,041	7	25,811	9	2.7	2.8	-.03	2.8	-.04	2.7	.02	
		2	Some	277	32	2,874	31	8,413	31	95,969	32								
		3	Quite a bit	368	43	3,687	40	11,101	40	117,528	39								
		4	Very much	161	18	2,001	22	6,290	22	62,494	21								
		Total		859	100	9,263	100	27,845	100	301,802	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	12	1	230	3	725	3	8,043	3	3.1	3.1	.00	3.1	.02	3.1	.03	
		2	Some	152	18	1,675	18	5,085	19	56,325	19								
		3	Quite a bit	417	48	4,123	44	12,410	44	135,140	45								
		4	Very much	277	32	3,211	35	9,599	34	101,641	33								
		Total		858	100	9,239	100	27,819	100	301,149	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	18	2	319	4	919	4	9,923	4	3.0	3.0	.00	3.0	.00	3.0	.00	
		2	Some	176	21	1,933	21	5,758	21	62,664	21								
		3	Quite a bit	405	47	3,922	42	11,907	43	128,799	43								
		4	Very much	256	30	3,022	33	9,123	33	98,763	33								
		Total		855	100	9,196	100	27,707	100	300,149	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	28	3	534	6	1,347	5	15,311	6	3.0	2.9 ***	.12	2.9	.06	2.9 *	.07	
		2	Some	189	23	2,383	26	6,550	24	71,420	24								
		3	Quite a bit	385	45	3,767	41	11,816	42	127,276	42								
		4	Very much	252	29	2,506	27	7,960	28	85,757	28								
		Total		854	100	9,190	100	27,673	100	299,764	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with															
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	26	3	413	5	1,136	4	12,275	5	3.0	2.9	.05	2.9	.03	2.9	.03	
		2	Some	204	25	2,295	25	6,663	24	71,149	24								
		3	Quite a bit	386	45	3,943	43	12,044	43	131,298	44								
		4	Very much	234	28	2,522	27	7,808	28	84,613	28								
		Total		850	100	9,173	100	27,651	100	299,335	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	8	1	162	2	550	2	6,235	2	3.3	3.1 ***	.15	3.2 ***	.13	3.1 ***	.14	
		2	Some	85	10	1,509	17	4,582	17	50,854	17								
		3	Quite a bit	439	52	4,378	47	12,343	44	133,558	44								
		4	Very much	319	37	3,142	35	10,197	37	109,019	36								
		Total		851	100	9,191	100	27,672	100	299,666	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	6	1	221	3	756	3	8,847	3	3.2	3.1 ***	.17	3.1 ***	.16	3.1 ***	.17	
		2	Some	109	13	1,598	17	4,946	18	54,334	18								
		3	Quite a bit	423	50	4,522	49	12,707	45	135,612	45								
		4	Very much	309	37	2,842	32	9,240	34	100,566	34								
		Total		847	100	9,183	100	27,649	100	299,359	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	8	1	224	3	768	3	9,917	4	3.3	3.1 ***	.14	3.1 ***	.16	3.1 ***	.20	
		2	Some	105	12	1,575	17	4,870	18	55,799	19								
		3	Quite a bit	398	47	3,997	43	11,720	42	125,358	42								
		4	Very much	340	40	3,378	37	10,257	37	107,918	36								
		Total		851	100	9,174	100	27,615	100	298,992	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	70	9	899	10	2,456	9	30,357	11	2.8	2.8	.06	2.8	.01	2.8	.06	
		2	Some	230	27	2,772	30	7,676	28	85,149	29								
		3	Quite a bit	326	38	3,219	35	9,836	35	103,359	34								
		4	Very much	225	26	2,267	25	7,621	27	79,940	26								
		Total		851	100	9,157	100	27,589	100	298,805	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	29	4	571	6	1,747	7	21,073	8	2.9	2.8 **	.11	2.8 *	.07	2.8 **	.09	
		2	Some	231	26	2,733	30	7,434	27	82,752	28								
		3	Quite a bit	393	46	3,751	41	11,221	40	117,946	39								
		4	Very much	196	24	2,073	23	7,122	26	76,189	25								
		Total		849	100	9,128	100	27,524	100	297,960	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

		Frequency Distributions ^a										Statistical Comparisons ^b						
												<i>Your seniors compared with</i>						
		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		
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. 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	87	9	1,010	11	3,315	12	34,117	11	2.7	2.7 *	.08	2.6 ***	.13	2.6 **	.10
		2	Sometimes	268	30	3,123	33	9,474	34	101,285	33							
		3	Often	325	39	3,185	36	9,703	36	104,806	36							
		4	Very often	168	22	1,815	21	5,045	19	58,095	20							
		Total		848	100	9,133	100	27,537	100	298,303	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	138	16	1,624	17	5,221	19	55,158	18	2.5	2.5 *	.08	2.4 ***	.13	2.4 ***	.12
		2	Sometimes	295	34	3,414	37	10,388	37	112,879	37							
		3	Often	271	32	2,636	29	7,827	29	84,935	29							
		4	Very often	143	18	1,463	17	4,072	15	45,030	16							
		Total		847	100	9,137	100	27,508	100	298,002	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	91	10	1,336	14	4,640	17	49,267	16	2.6	2.5 **	.11	2.4 ***	.22	2.4 ***	.21
		2	Sometimes	316	36	3,406	37	10,882	39	117,823	39							
		3	Often	301	36	2,950	33	8,351	30	90,727	31							
		4	Very often	141	18	1,443	16	3,672	14	40,559	14							
		Total		849	100	9,135	100	27,545	100	298,376	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	39	5	364	5	1,311	5	14,933	6	7.4	7.8	-.07	7.6	-.04	7.7	-.05
		1.5	1-2	131	17	1,435	17	4,358	17	47,611	18							
		4	3-5	241	31	2,380	29	7,350	29	77,726	28							
		8	6-10	193	24	1,990	23	5,909	23	62,138	22							
		13	11-15	90	11	985	12	2,869	11	30,511	11							
		18	16-20	41	5	521	6	1,529	6	17,044	6							
		23	More than 20	62	7	736	8	2,163	8	25,365	9							
Total		797	100	8,411	100	25,489	100	275,328	100									
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	175	23	1,686	21	5,357	22	58,860	23	3.3	3.5	-.05	3.5	-.04	3.6 *	-.07
		1.5	1-2	278	35	2,959	35	8,879	35	93,100	34							
		4	3-5	208	25	2,220	26	6,528	25	69,644	25							
		8	6-10	94	12	987	12	2,970	12	32,845	12							
		13	11-15	25	3	291	3	911	3	10,605	4							
		18	16-20	9	1	107	1	355	1	4,174	2							
23	More than 20	7	1	105	1	323	1	4,110	2									
Total		796	100	8,355	100	25,323	100	273,338	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

				Your seniors compared with															
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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. 11 pages or more	wrlongnum	0	None	338	43	3,591	43	11,452	46	122,960	46	1.7	1.9	-.06	1.8	-.03	1.9 *	▽	-.06
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	305	38	3,157	37	9,256	36	98,381	35								
		4	3-5	103	13	1,011	12	2,788	11	30,648	11								
		8	6-10	34	4	343	4	953	4	10,823	4								
		13	11-15	8	1	117	1	382	1	4,726	2								
		18	16-20	5	1	43	1	182	1	2,072	1								
		23	More than 20	3	0	75	1	234	1	2,937	1								
		Total		796	100	8,337	100	25,247	100	272,547	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.)									74.1	79.0	-.06	77.3	-.04	80.0 *	▽	-.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	18	2	377	5	1,196	5	13,313	5	3.0	3.0	.05	3.1	-.04	3.1	-.03	
		2	Sometimes	221	27	2,348	27	5,953	23	65,286	23								
		3	Often	263	34	2,662	32	7,816	30	84,061	30								
		4	Very often	295	37	3,077	37	10,579	41	113,903	41								
			Total	797	100	8,464	100	25,544	100	276,563	100								
b. People from an economic background other than your own	DDeconomic	1	Never	13	2	261	3	971	4	11,218	5	3.1	3.0	.04	3.1	.01	3.1	.01	
		2	Sometimes	194	24	2,120	25	5,809	23	62,634	23								
		3	Often	314	40	3,131	37	9,110	35	97,580	35								
		4	Very often	271	35	2,936	35	9,595	38	104,459	38								
			Total	792	100	8,448	100	25,485	100	275,891	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	13	2	391	5	1,247	5	17,370	6	3.1	3.0 ***	.12	3.0 **	.09	3.0 ***	.13	
		2	Sometimes	190	24	2,217	26	6,327	25	72,234	26								
		3	Often	295	37	2,822	33	8,423	33	87,017	31								
		4	Very often	297	38	3,009	35	9,478	37	99,157	36								
			Total	795	100	8,439	100	25,475	100	275,778	100								
d. People with political views other than your own	DDpolitical	1	Never	12	2	383	5	1,277	5	15,103	6	3.2	3.0 ***	.18	3.0 ***	.18	3.0 ***	.19	
		2	Sometimes	189	24	2,266	27	6,698	26	73,657	26								
		3	Often	261	32	2,843	34	8,330	32	89,344	32								
		4	Very often	333	42	2,939	35	9,148	36	97,458	36								
			Total	795	100	8,431	100	25,453	100	275,562	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	5	1	181	2	506	2	5,696	2	3.2	3.1 **	.10	3.1 **	.10	3.1 **	.09	
		2	Sometimes	105	14	1,511	18	4,525	18	48,495	18								
		3	Often	390	49	3,584	43	11,108	43	118,764	43								
		4	Very often	292	36	3,136	37	9,230	36	101,796	37								
		Total		792	100	8,412	100	25,369	100	274,751	100								
b. Reviewed your notes after class	LSnotes	1	Never	67	8	695	8	1,847	7	20,841	8	2.7	2.8	-0.2	2.8 **	-0.10	2.8 **	-0.09	
		2	Sometimes	271	34	2,853	33	7,710	30	84,354	30								
		3	Often	240	31	2,648	32	8,336	33	90,007	33								
		4	Very often	215	26	2,206	26	7,477	29	79,321	29								
		Total		793	100	8,402	100	25,370	100	274,523	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	41	5	563	7	1,708	7	18,508	7	2.8	2.8	.02	2.8	.00	2.8	-0.01	
		2	Sometimes	238	31	2,623	31	7,558	30	80,516	29								
		3	Often	320	40	3,062	37	9,327	37	101,479	37								
		4	Very often	189	23	2,113	25	6,670	26	72,976	27								
		Total		788	100	8,361	100	25,263	100	273,479	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	5	1	55	1	245	1	2,607	1	5.5	5.5	.02	5.5	-0.01	5.6	-0.03	
		2		10	1	95	1	323	1	3,799	2								
		3		21	3	284	4	1,007	4	10,267	4								
		4		54	8	821	10	2,497	10	26,657	10								
		5		284	35	2,752	32	7,356	29	78,062	28								
		6		242	32	2,551	30	6,945	27	74,790	27								
		7	Very much	173	21	1,827	22	6,893	27	77,197	29								
		Total		789	100	8,385	100	25,266	100	273,379	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		40	5	514	7	2,065	9	24,258	10	64%	59% **	.11	50% ***	.27	49% ***	.30	
		Do not plan to do		107	14	1,070	13	3,563	15	44,642	18								
		Plan to do		131	17	1,769	21	6,330	26	63,503	24								
		Done or in progress		511	64	5,024	59	13,294	50	141,134	49								
		Total		789	100	8,377	100	25,252	100	273,537	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

			Your seniors compared with															
			JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017								
Item wording or description	Variable name ^c	Values ^d	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	42	5	609	8	2,717	11	29,791	12	53%	43% ***	.20	34% ***	.39	35% ***	.37	
		Do not plan to do	267	35	3,402	42	11,142	46	118,341	45								
		Plan to do	49	6	552	7	2,148	9	21,761	8								
		Done or in progress	431	53	3,785	43	9,194	34	103,083	35								
		Total	789	100	8,348	100	25,201	100	272,976	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	68	8	830	10	3,304	13	36,899	14	30%	27% *	.08	25% ***	.13	23% ***	.17	
		Do not plan to do	416	54	4,570	55	12,746	52	142,822	53								
		Plan to do	54	7	626	8	2,516	10	25,774	10								
		Done or in progress	250	30	2,298	27	6,561	25	66,620	23								
		Total	788	100	8,324	100	25,127	100	272,115	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	41	6	680	8	2,921	12	30,864	12	28%	20% ***	.19	12% ***	.40	14% ***	.36	
		Do not plan to do	473	62	5,312	66	16,970	68	180,419	67								
		Plan to do	35	4	507	6	1,759	7	18,867	7								
		Done or in progress	240	28	1,836	20	3,503	12	42,312	14								
		Total	789	100	8,335	100	25,153	100	272,462	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	68	8	962	12	3,799	16	39,714	15	31%	29%	.05	22% ***	.21	23% ***	.17	
		Do not plan to do	429	55	4,092	48	12,556	50	133,641	49								
		Plan to do	45	6	857	11	3,121	13	31,504	12								
		Done or in progress	247	31	2,413	29	5,638	22	67,149	23								
		Total	789	100	8,324	100	25,114	100	272,008	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	27	4	602	7	2,299	9	24,324	10	59%	51% ***	.17	47% ***	.25	45% ***	.28	
		Do not plan to do	193	24	1,670	20	5,218	20	55,547	21								
		Plan to do	99	13	1,709	22	5,677	24	62,734	24								
		Done or in progress	467	59	4,343	51	11,914	47	129,437	45								
		Total	786	100	8,324	100	25,108	100	272,042	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
servcourse	1	None	251	34	3,245	40	7,796	33	101,536	40	1.8	1.7 *	.08	1.8 *	-.08	1.7	.04	
		2	Some	459	57	4,230	50	13,706	54	136,336								48
		3	Most	63	7	717	8	2,955	11	27,958								10
		4	All	14	2	129	2	625	2	5,861								2
		Total	787	100	8,321	100	25,082	100	271,691	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
												<i>Your seniors compared with</i>							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	2	0	73	1	270	1	3,187	1	5.9	5.6 ***	.23	5.6 ***	.22	5.6 ***	.23	
		2		8	1	121	2	345	1	4,267	2								
		3		16	2	333	4	1,012	4	11,036	4								
		4		57	7	794	10	2,596	10	27,766	10								
		5		164	22	2,185	26	6,247	25	65,763	24								
		6		245	31	2,434	29	6,977	27	75,030	27								
		7	Excellent	293	37	2,372	29	7,514	30	81,538	30								
		—	Not applicable	1	0	30	0	174	1	3,757	2								
			Total	786	100	8,342	100	25,135	100	272,344	100								
b. Academic advisors																			
	QIadvisor	1	Poor	44	6	429	5	1,243	5	12,603	5	4.9	5.0	-.05	5.1 ***	-.14	5.2 ***	-.17	
		2		46	6	547	6	1,304	5	13,525	5								
		3		74	9	793	9	1,976	8	20,351	8								
		4		119	15	1,165	14	3,150	13	33,730	12								
		5		171	22	1,601	19	4,684	18	49,752	18								
		6		146	18	1,611	20	4,829	19	53,758	19								
		7	Excellent	175	23	2,026	25	7,435	30	84,284	31								
		—	Not applicable	11	2	157	2	498	2	4,034	2								
			Total	786	100	8,329	100	25,119	100	272,037	100								
c. Faculty																			
	QIfaculty	1	Poor	8	1	99	1	326	2	4,061	2	5.7	5.5 ***	.16	5.5 ***	.13	5.5 ***	.15	
		2		10	1	152	2	489	2	5,870	2								
		3		16	2	368	4	1,129	5	12,455	5								
		4		61	8	949	11	2,678	11	29,922	11								
		5		193	25	2,092	25	5,848	23	62,585	23								
		6		286	36	2,640	32	7,432	29	78,537	28								
		7	Excellent	208	27	1,981	24	7,006	28	75,778	28								
		—	Not applicable	0	0	30	0	128	1	2,063	1								
			Total	782	100	8,311	100	25,036	100	271,271	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		Your seniors compared with							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	9	1	328	4	1,095	5	12,689	5	5.2	4.9 ***	.22	4.9 ***	.20	4.9 ***	.21	
		2		25	4	369	4	1,141	5	12,558	5								
		3		52	7	636	7	1,742	7	19,754	7								
		4		101	13	1,252	15	3,346	13	36,332	13								
		5		166	22	1,759	20	4,887	19	50,850	18								
		6		188	23	1,623	19	4,409	17	46,633	17								
		7	Excellent	170	20	1,257	16	4,249	17	45,885	17								
		—	Not applicable	72	10	1,085	14	4,179	18	46,666	19								
	Total			783	100	8,309	100	25,048	100	271,367	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	13	2	355	5	1,153	5	13,856	5	5.2	4.8 ***	.22	4.9 ***	.16	4.9 ***	.18	
		2		29	4	432	5	1,299	5	14,608	5								
		3		51	6	751	9	2,077	8	22,828	8								
		4		109	14	1,323	15	3,699	14	41,696	15								
		5		183	23	1,975	23	5,635	22	58,023	21								
		6		191	24	1,715	20	5,219	21	53,513	19								
		7	Excellent	151	19	1,300	16	4,731	19	52,124	20								
		—	Not applicable	58	8	472	6	1,276	6	15,276	6								
	Total			785	100	8,323	100	25,089	100	271,924	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	13	2	127	2	457	2	4,845	2	3.1	3.1	-.05	3.1	-.05	3.1 *	-.08	
		2	Some	122	17	1,471	18	4,235	18	43,805	17								
		3	Quite a bit	411	53	3,776	47	11,491	47	120,190	46								
		4	Very much	227	28	2,680	33	8,100	33	94,030	35								
			Total			773	100	8,054	100	24,283	100								262,870
b. Providing support to help students succeed academically	SEacademic	1	Very little	15	2	338	4	1,073	5	12,166	5	3.1	3.0 ***	.17	2.9 ***	.18	2.9 ***	.18	
		2	Some	133	18	1,871	23	5,721	24	61,220	24								
		3	Quite a bit	368	48	3,622	45	10,565	43	113,041	43								
		4	Very much	258	32	2,171	27	6,783	28	74,778	28								
			Total			774	100	8,002	100	24,142	100								261,205
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	36	6	643	8	2,184	9	22,810	9	3.0	2.9 **	.11	2.8 ***	.15	2.8 ***	.13	
		2	Some	172	23	2,027	25	6,138	26	64,625	25								
		3	Quite a bit	312	41	3,139	39	9,204	38	99,549	38								
		4	Very much	254	31	2,208	28	6,647	27	74,433	28								
			Total			774	100	8,017	100	24,173	100								261,417

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a						Statistical Comparisons ^b									
										<i>Your seniors compared with</i>									
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	92	12	1,329	16	3,185	14	38,159	15	2.7	2.5 *** ▲	.14	2.6	.00	2.6	.04	
		2	Some	245	32	2,705	34	7,287	30	80,332	31								
		3	Quite a bit	272	36	2,520	32	8,073	33	84,293	32								
		4	Very much	163	21	1,451	18	5,588	23	58,281	22								
		Total		772	100	8,005	100	24,133	100	261,065	100								
e. Providing opportunities to be involved socially	SEsocial	1	Very little	18	3	451	6	1,685	7	21,918	9	3.2	2.9 *** ▲	.30	2.9 ***	.36	2.8 ***	.41	
		2	Some	106	15	1,889	24	6,041	26	67,740	27								
		3	Quite a bit	331	44	3,356	42	9,711	40	101,593	38								
		4	Very much	316	39	2,293	28	6,690	27	69,607	26								
		Total		771	100	7,989	100	24,127	100	260,858	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	20	3	671	9	2,161	10	29,111	12	3.2	2.9 *** ▲	.36	2.8 ***	.40	2.7 ***	.47	
		2	Some	107	15	1,956	24	6,078	26	70,598	27								
		3	Quite a bit	329	43	3,153	39	9,209	38	96,067	36								
		4	Very much	316	39	2,198	28	6,636	27	64,629	24								
		Total		772	100	7,978	100	24,084	100	260,405	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	164	21	2,660	33	7,626	33	85,636	34	2.3	2.1 *** ▲	.27	2.1 ***	.23	2.1 ***	.24	
		2	Some	304	39	2,973	37	8,562	35	91,990	35								
		3	Quite a bit	198	27	1,634	21	5,326	21	54,626	21								
		4	Very much	105	13	717	9	2,566	10	28,092	11								
		Total		771	100	7,984	100	24,080	100	260,344	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	30	4	861	11	3,245	15	41,116	18	3.0	2.7 *** ▲	.28	2.6 ***	.38	2.6 ***	.40	
		2	Some	181	24	2,442	30	7,385	31	76,779	29								
		3	Quite a bit	330	43	2,904	36	8,491	35	88,790	33								
		4	Very much	229	28	1,761	22	4,915	19	53,137	20								
		Total		770	100	7,968	100	24,036	100	259,822	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	110	15	1,216	16	3,915	17	51,247	21	2.5	2.5	.01	2.5	.02	2.4 ***	.12	
		2	Some	293	39	2,968	37	8,427	35	92,679	36								
		3	Quite a bit	241	31	2,587	32	7,776	32	76,862	29								
		4	Very much	127	15	1,187	15	3,909	16	38,725	14								
		Total		771	100	7,958	100	24,027	100	259,513	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

		Your seniors compared with																
		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		
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
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	3	1	17	0	100	0	1,043	0	15.8	15.1 *	.08	14.8 **	.11	15.2	.06
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	58	8	942	12	3,133	13	32,480	13							
	8	6-10 hrs	153	20	1,844	23	5,726	24	58,119	23								
	13	11-15 hrs	173	24	1,687	21	4,945	21	52,639	20								
	18	16-20 hrs	173	23	1,464	18	4,325	18	47,309	18								
	23	21-25 hrs	100	12	917	11	2,578	11	28,466	11								
	28	26-30 hrs	51	6	498	6	1,445	6	17,229	6								
	33	More than 30 hrs	55	7	603	8	1,784	8	22,603	9								
	Total			766	100	7,972	100	24,036	100	259,888	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	109	15	2,455	33	9,613	42	104,999	44	7.8	5.7 ***	.29	4.9 ***	.43	4.9 ***	.42
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	265	33	2,542	31	7,095	29	73,981	27							
	8	6-10 hrs	191	25	1,393	17	3,171	13	34,490	13								
	13	11-15 hrs	87	12	706	9	1,746	7	19,560	7								
	18	16-20 hrs	57	7	410	5	1,131	4	12,750	5								
	23	21-25 hrs	35	5	216	3	572	2	6,390	2								
	28	26-30 hrs	10	2	71	1	263	1	2,724	1								
	33	More than 30 hrs	13	2	131	2	364	1	4,183	2								
	Total			767	100	7,924	100	23,955	100	259,077	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	491	65	5,474	71	17,371	74	180,151	72	4.1	3.6 *	.08	3.4 *	.09	3.6	.07
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	40	5	386	5	1,063	4	13,320	4							
	8	6-10 hrs	111	14	785	9	1,724	6	23,369	8								
	13	11-15 hrs	72	10	626	7	1,448	6	17,067	6								
	18	16-20 hrs	31	4	429	5	1,505	6	15,793	6								
	23	21-25 hrs	9	1	130	2	404	2	4,767	2								
	28	26-30 hrs	5	1	52	1	171	1	1,875	1								
	33	More than 30 hrs	8	1	58	1	276	1	2,950	1								
	Total			767	100	7,940	100	23,962	100	259,292	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
				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	Your seniors compared with															
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	492	65	3,832	47	9,135	38	111,770	42	5.0	9.7 ***	-.41	13.1 ***	-.63	12.8 ***	-.58	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	58	7	453	5	1,272	5	12,860	5								
	8	6-10 hrs	50	6	634	8	1,720	7	16,312	6									
	13	11-15 hrs	55	7	680	8	1,933	8	17,201	6									
	18	16-20 hrs	52	6	767	10	2,624	11	23,069	9									
	23	21-25 hrs	34	4	568	7	2,141	9	17,865	7									
	28	26-30 hrs	10	1	353	5	1,493	6	13,144	5									
	33	More than 30 hrs	16	2	638	10	3,653	17	46,880	21									
	Total			767	100	7,925	100	23,971	100	259,101	100								
Estimated number of hours working for pay	tmworkhrs											9.1	13.2 ***	-.35	16.5 ***	-.57	16.4 ***	-.55	
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	317	44	3,801	49	11,139	48	123,892	49	3.3	3.0	.05	3.4	-.02	3.2	.01	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	329	41	2,926	36	8,510	35	91,665	34								
	8	6-10 hrs	62	8	612	8	2,173	9	22,270	9									
	13	11-15 hrs	27	4	280	4	930	4	9,332	4									
	18	16-20 hrs	15	2	166	2	602	2	5,640	2									
	23	21-25 hrs	9	2	66	1	230	1	2,455	1									
	28	26-30 hrs	2	0	23	0	122	1	1,097	0									
	33	More than 30 hrs	5	1	52	1	248	1	2,382	1									
	Total			766	100	7,926	100	23,954	100	258,733	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	122	2	636	3	7,942	3	13.0	12.2 **	.10	10.7 ***	.30	10.5 ***	.31	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	146	18	1,632	21	6,769	28	73,653	29								
	8	6-10 hrs	200	25	2,181	27	6,848	28	73,715	28									
	13	11-15 hrs	174	23	1,683	21	4,321	18	46,508	18									
	18	16-20 hrs	119	16	1,143	14	2,645	11	28,734	11									
	23	21-25 hrs	61	8	540	7	1,197	5	12,111	5									
	28	26-30 hrs	29	4	224	3	507	2	5,470	2									
	33	More than 30 hrs	34	5	409	5	1,034	5	10,935	4									
	Total			767	100	7,934	100	23,957	100	259,068	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	678	88	6,220	77	15,844	65	168,884	63	1.6	3.3 ***	-0.20	5.5 ***	-0.37	6.4 ***	-0.42	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	34	4	651	8	2,761	11	26,927	10								
	8	6-10 hrs	14	2	276	4	1,292	6	8,139	3									
	13	11-15 hrs	13	2	193	3	779	3	6,902	3									
	18	16-20 hrs	6	1	114	2	599	3	3,676	2									
	23	21-25 hrs	4	1	73	1	297	1	2,733	1									
	28	26-30 hrs	1	0	44	1	205	1	2,733	1									
	33	More than 30 hrs	17	2	346	5	2,121	10	28,750	12									
	Total			767	100	7,917	100	23,898	100	258,639	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	37	5	1,050	13	3,466	14	64,178	24	4.4	4.8 *	-0.08	5.5 ***	-0.18	4.8 **	-0.08	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	582	76	4,882	61	13,189	55	127,260	49								
	8	6-10 hrs	96	12	1,307	17	4,393	19	40,427	16									
	13	11-15 hrs	29	4	414	6	1,517	7	13,703	6									
	18	16-20 hrs	12	1	139	2	592	3	5,659	2									
	23	21-25 hrs	5	1	61	1	238	1	2,473	1									
	28	26-30 hrs	2	0	26	0	124	1	1,305	1									
	33	More than 30 hrs	3	0	76	1	461	2	4,254	2									
	Total			766	100	7,955	100	23,980	100	259,259	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	76	10	1,178	15	3,170	14	34,551	14	3.0	2.8 ***	.18	2.9 **	.10	2.9 **	.10	
		2	Some	213	30	2,280	30	6,625	28	70,431	27								
		3	About half	180	23	2,117	27	6,649	28	71,825	28								
		4	Most	207	27	1,671	20	5,266	22	57,222	22								
		5	Almost all	89	10	694	8	2,253	9	25,091	9								
		Total		765	100	7,940	100	23,963	100	259,120	100								
	tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmrephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)										7.8	6.9 ***	.14	7.2 *	.09	7.4	.06	

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b									
												<i>Your seniors compared with</i>									
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017			
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	3	1	17	0	98	0	1,022	0										
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	277	39	3,810	49	11,215	47	117,648	46										
		3	More than 5, up to 10 hrs	277	36	2,317	29	7,001	29	76,563	29										
		4	More than 10, up to 15 hrs	105	13	886	11	2,624	11	28,814	11										
		5	More than 15, up to 20 hrs	48	6	441	5	1,445	6	16,553	6										
		6	More than 20, up to 25 hrs	37	4	325	4	1,001	4	11,860	4										
		7	More than 25 hrs	14	2	128	1	491	2	5,610	2										
			Total		761	100	7,924	100	23,875	100	258,070	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	23	3	429	6	1,140	5	13,997	6	3.0	3.0	.07	3.0	.03	3.0	.04
		2	Some	155	21	1,803	23	4,914	21	54,866	22							
		3	Quite a bit	324	43	3,179	40	9,642	40	100,164	38							
		4	Very much	258	32	2,489	32	8,170	34	89,306	34							
		Total		760	100	7,900	100	23,866	100	258,333	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	20	3	520	7	1,485	7	19,360	8	3.2	2.9 ***	.28	2.9 ***	.25	2.9 ***	.27
		2	Some	133	17	1,931	25	5,424	24	60,096	24							
		3	Quite a bit	306	42	3,041	38	9,252	38	96,605	37							
		4	Very much	301	38	2,408	30	7,716	31	82,324	31							
		Total		760	100	7,900	100	23,877	100	258,385	100							
c. Thinking critically and analytically	pgthink	1	Very little	9	1	180	3	563	3	5,941	3	3.4	3.3 ***	.17	3.3 ***	.20	3.3 ***	.19
		2	Some	63	9	931	12	2,944	13	31,947	13							
		3	Quite a bit	265	34	2,960	37	9,142	38	96,201	37							
		4	Very much	424	56	3,823	48	11,249	46	124,394	47							
		Total		761	100	7,894	100	23,898	100	258,483	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	62	7	827	10	2,480	10	26,644	10	2.9	2.9 *	.09	2.8 ***	.12	2.9 **	.09
		2	Some	190	24	2,118	26	6,501	27	68,305	26							
		3	Quite a bit	276	36	2,500	32	7,906	33	84,859	33							
		4	Very much	235	33	2,453	32	6,976	30	78,530	31							
		Total		763	100	7,898	100	23,863	100	258,338	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b						
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		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	38	5	634	8	1,906	9	21,796	9	3.1	2.9 ***	.14	2.9 ***	.14	2.9 ***	.14
		2	Some	167	22	1,899	24	5,549	24	59,772	23							
		3	Quite a bit	267	35	2,730	35	8,205	34	88,474	34							
		4	Very much	288	38	2,628	33	8,220	34	88,450	34							
		Total		760	100	7,891	100	23,880	100	258,492	100							
f. Working effectively with others	pgothers	1	Very little	6	1	315	5	958	5	12,443	6	3.4	3.1 ***	.34	3.1 ***	.33	3.0 ***	.36
		2	Some	88	12	1,540	21	4,669	21	52,943	21							
		3	Quite a bit	293	39	3,105	39	9,260	38	98,719	38							
		4	Very much	374	49	2,934	36	8,977	36	94,096	35							
		Total		761	100	7,894	100	23,864	100	258,201	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	45	7	887	12	2,353	11	26,191	11	3.0	2.8 ***	.27	2.8 ***	.20	2.8 ***	.20
		2	Some	140	19	2,074	27	5,647	24	61,339	24							
		3	Quite a bit	300	38	2,754	34	8,292	34	88,489	34							
		4	Very much	276	36	2,178	27	7,573	31	82,220	31							
		Total		761	100	7,893	100	23,865	100	258,239	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	58	8	878	12	2,051	10	25,010	11	2.9	2.7 ***	.17	2.9	.03	2.8	.06
		2	Some	188	26	2,272	29	6,060	26	67,092	26							
		3	Quite a bit	283	36	2,684	34	8,125	33	86,863	33							
		4	Very much	233	30	2,050	25	7,621	31	79,166	30							
		Total		762	100	7,884	100	23,857	100	258,131	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	40	5	664	9	2,119	10	23,361	10	3.0	2.8 ***	.15	2.8 ***	.15	2.8 ***	.14
		2	Some	178	24	2,228	28	6,496	28	69,496	27							
		3	Quite a bit	324	42	2,817	35	8,457	35	91,670	35							
		4	Very much	220	29	2,172	28	6,771	28	73,518	28							
		Total		762	100	7,881	100	23,843	100	258,045	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	46	6	962	13	2,721	13	31,887	13	2.9	2.7 ***	.27	2.7 ***	.20	2.7 ***	.23
		2	Some	185	26	2,502	32	6,699	29	74,256	29							
		3	Quite a bit	300	39	2,559	32	8,006	33	84,224	32							
		4	Very much	228	29	1,833	23	6,345	26	66,835	26							
		Total		759	100	7,856	100	23,771	100	257,202	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

James Madison University

Seniors

				Frequency Distributions ^a						Statistical Comparisons ^b									
				JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017		JMU		Faculty Salary Peers		Community Engaged		NSSE 2016 & 2017	
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	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	5	1	159	2	552	3	5,984	3	3.5	▲	3.3 *** .33	▲	3.2 *** .38	3.3 ***	.36	
		2	Fair	37	5	761	10	2,610	11	28,677	12								
		3	Good	256	35	3,432	43	10,487	44	110,331	43								
		4	Excellent	462	60	3,538	44	10,218	42	113,286	43								
			Total	760	100	7,890	100	23,867	100	258,278	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	18	3	289	4	1,075	5	11,761	5	3.5	△	3.3 *** .29	▲	3.2 *** .33	3.2 ***	.31	
		2	Probably no	49	7	935	12	2,885	12	31,987	12								
		3	Probably yes	227	30	2,996	38	9,385	40	98,463	38								
		4	Definitely yes	466	61	3,682	46	10,522	43	116,411	45								
			Total	760	100	7,902	100	23,867	100	258,622	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 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	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017
1 a. askquest	742	2.82	2.81	2.81	2.83	.030	.010	.006	.002	.82	.82	.84	.85	7,953	21,706	223,817	.621	.757	.850	.02	.01	-.01
b. drafts	727	2.40	2.39	2.45	2.49	.034	.011	.007	.002	.92	.96	.96	.98	7,873	783	732	.907	.117	.006	.00	-.06	-.10
c. unpreparedr	734	2.95	2.98	3.02	3.05	.027	.009	.005	.002	.72	.76	.76	.77	7,861	21,516	738	.404	.017	.000	-.03	-.09	-.12
d. attendart	733	1.94	1.92	1.94	1.93	.035	.010	.006	.002	.95	.88	.91	.92	868	21,430	220,825	.578	.984	.642	.02	.00	.02
e. CLaskhelp	730	2.79	2.68	2.61	2.59	.029	.010	.006	.002	.80	.84	.86	.89	905	790	736	.000	.000	.000	.13	.22	.22
f. CLexplain	731	2.83	2.76	2.70	2.69	.028	.009	.006	.002	.76	.78	.80	.84	893	788	736	.022	.000	.000	.09	.16	.17
g. CLstudy	731	2.75	2.61	2.52	2.53	.031	.011	.007	.002	.85	.93	.94	.97	919	795	736	.000	.000	.000	.16	.25	.23
h. CLproject	727	2.77	2.71	2.65	2.62	.028	.010	.006	.002	.76	.82	.84	.88	906	789	732	.046	.000	.000	.07	.15	.18
i. present	725	2.55	2.37	2.38	2.28	.031	.010	.006	.002	.83	.86	.89	.90	7,777	21,198	218,113	.000	.000	.000	.21	.20	.31
2 a. RIntegrate	720	2.68	2.64	2.59	2.58	.029	.010	.006	.002	.79	.82	.83	.84	887	777	725	.210	.004	.000	.05	.10	.12
b. RIsocietal	718	2.65	2.62	2.60	2.57	.029	.010	.006	.002	.78	.84	.86	.87	898	780	723	.357	.115	.009	.03	.06	.09
c. RIdiverse	716	2.58	2.57	2.60	2.57	.030	.011	.006	.002	.82	.87	.88	.89	895	776	721	.801	.581	.644	.01	-.02	.02
d. Rlownview	712	2.78	2.73	2.76	2.77	.028	.010	.006	.002	.74	.79	.79	.81	892	771	717	.133	.462	.706	.06	.03	.01
e. Rlperspect	707	2.89	2.87	2.90	2.89	.029	.010	.006	.002	.77	.79	.79	.80	7,421	20,450	209,728	.527	.674	.842	.03	-.02	-.01
f. RInewview	703	2.91	2.83	2.85	2.85	.028	.010	.006	.002	.74	.78	.78	.79	874	758	707	.008	.042	.026	.10	.07	.08
g. Rlconnect	700	3.06	3.04	3.02	3.02	.026	.009	.005	.002	.70	.72	.73	.74	7,327	20,206	207,035	.535	.114	.202	.02	.06	.05
3 a. SFcareer	703	2.19	2.23	2.27	2.25	.034	.011	.007	.002	.90	.90	.91	.92	7,335	20,213	207,140	.255	.019	.096	-.05	-.09	-.06
b. SFotherwork	702	1.79	1.74	1.78	1.77	.033	.011	.006	.002	.88	.89	.91	.91	7,306	20,148	206,477	.236	.861	.657	.05	.01	.02
c. SFdiscuss	700	2.00	2.01	2.00	1.99	.031	.011	.006	.002	.83	.86	.88	.89	7,271	20,053	705	.814	.966	.623	-.01	.00	.02
d. SFperform	699	2.09	2.09	2.14	2.12	.033	.010	.006	.002	.88	.84	.87	.88	842	20,015	205,331	.950	.165	.386	.00	-.05	-.03
4 a. memorize	692	2.96	2.96	2.94	2.90	.027	.010	.006	.002	.72	.78	.79	.81	868	751	696	.835	.370	.017	.01	.03	.08
b. HOapply	688	2.99	2.97	2.88	2.92	.029	.010	.006	.002	.76	.77	.79	.80	7,214	742	693	.555	.001	.028	.02	.13	.08
c. HOanalyze	687	2.98	2.90	2.89	2.91	.029	.010	.006	.002	.76	.81	.82	.81	859	744	691	.011	.002	.017	.10	.11	.08
d. HOevaluate	688	2.96	2.85	2.89	2.88	.028	.010	.006	.002	.74	.80	.80	.81	867	746	692	.000	.009	.004	.14	.09	.10
e. HOform	684	2.92	2.83	2.86	2.86	.029	.010	.006	.002	.76	.82	.81	.81	859	740	688	.004	.045	.076	.11	.07	.06
5 a. ETgoals	684	3.08	3.05	3.07	3.07	.029	.009	.006	.002	.75	.75	.76	.77	7,154	19,730	202,692	.314	.578	.719	.04	.02	.01
b. ETorganize	683	3.01	3.01	3.01	3.02	.029	.009	.006	.002	.77	.75	.78	.80	7,146	19,716	687	.996	.954	.801	.00	.00	-.01
c. ETexample	681	3.04	3.03	3.02	3.02	.028	.010	.006	.002	.74	.78	.80	.82	849	738	685	.564	.471	.487	.02	.03	.02
d. ETdraftfb	682	2.71	2.74	2.82	2.82	.032	.011	.007	.002	.84	.89	.90	.91	847	19,660	686	.382	.004	.001	-.03	-.11	-.11
e. ETfeedback	678	2.65	2.65	2.73	2.74	.032	.011	.006	.002	.82	.88	.88	.90	849	734	683	.976	.012	.008	.00	-.09	-.09

NSSE 2017 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	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017
6 a. QRconclude	674	2.58	2.60	2.54	2.57	.032	.011	.006	.002	.84	.87	.88	.88	7,106	726	678	.584	.166	.595	-.02	.05	.02
b. QRproblem	674	2.35	2.32	2.28	2.29	.034	.011	.007	.002	.88	.90	.90	.91	7,097	19,578	201,350	.324	.041	.059	.04	.08	.07
c. QRevaluate	675	2.37	2.32	2.26	2.28	.032	.011	.006	.002	.84	.86	.87	.88	7,105	19,586	201,398	.137	.002	.012	.06	.12	.10
7 a. wrshortnum	629	5.27	6.54	6.64	6.64	.195	.070	.043	.013	4.89	5.36	5.68	5.71	798	691	634	.000	.000	.000	-.24	-.24	-.24
b. wrmednum	627	1.74	2.11	2.14	2.24	.107	.035	.023	.008	2.68	2.67	3.06	3.23	768	688	633	.001	.000	.000	-.14	-.13	-.16
c. wrlongnum	627	.57	.70	.79	.89	.085	.027	.020	.006	2.13	2.03	2.55	2.73	6,370	694	634	.132	.012	.000	-.06	-.09	-.12
— wrpages	625	38.09	46.06	48.07	50.30	2.169	.687	.493	.161	54.23	51.77	63.97	67.78	6,298	690	631	.000	.000	.000	-.15	-.16	-.18
8 a. DDrace	628	3.06	3.03	3.03	3.03	.034	.011	.007	.002	.86	.86	.89	.91	6,521	17,793	182,048	.357	.307	.382	.04	.04	.03
b. DDeconomic	623	3.13	3.03	3.00	3.01	.033	.011	.007	.002	.83	.83	.87	.88	6,498	17,728	181,447	.006	.000	.001	.12	.15	.14
c. DDreligion	623	3.10	3.02	2.97	2.93	.034	.011	.007	.002	.86	.88	.91	.94	6,499	17,730	628	.039	.000	.000	.09	.14	.18
d. DDpolitical	627	3.27	3.02	2.97	2.95	.032	.012	.007	.002	.81	.89	.91	.92	6,492	17,717	631	.000	.000	.000	.28	.33	.34
9 a. LSreading	621	3.12	3.04	3.01	3.04	.028	.010	.006	.002	.70	.75	.75	.76	6,450	17,601	180,286	.015	.000	.007	.10	.14	.11
b. LSnotes	623	2.93	2.89	2.89	2.90	.033	.012	.007	.002	.84	.88	.88	.88	777	674	627	.277	.247	.326	.04	.04	.04
c. LSsummary	620	2.83	2.80	2.78	2.81	.033	.011	.007	.002	.82	.86	.87	.87	774	671	624	.314	.092	.392	.04	.07	.03
10. challenge	616	5.49	5.43	5.37	5.44	.044	.015	.009	.003	1.09	1.13	1.20	1.24	6,416	671	621	.251	.011	.289	.05	.10	.04
11 a. intern ^l	620	.037	.069	.074	.078	.0076	.0033	.0020	.0006	--	--	--	--	--	--	--	.002	.001	.000	-.14	-.16	-.18
b. leader ^l	621	.090	.116	.110	.111	.0115	.0042	.0024	.0007	--	--	--	--	--	--	--	.053	.107	.087	-.09	-.07	-.07
c. learncom ^l	617	.079	.153	.139	.136	.0109	.0047	.0027	.0008	--	--	--	--	--	--	--	.000	.000	.000	-.23	-.19	-.18
d. abroad ^l	619	.033	.030	.030	.030	.0071	.0022	.0013	.0004	--	--	--	--	--	--	--	.724	.734	.739	.01	.01	.01
e. research ^l	621	.021	.048	.040	.047	.0057	.0028	.0015	.0005	--	--	--	--	--	--	--	.002	.015	.002	-.15	-.11	-.15
f. capstone ^l	619	.006	.015	.019	.021	.0032	.0016	.0011	.0003	--	--	--	--	--	--	--	.081	.020	.010	-.09	-.12	-.13
12. servcourse	617	1.51	1.53	1.68	1.63	.026	.009	.005	.002	.66	.66	.68	.70	6,356	17,296	176,982	.373	.000	.000	-.04	-.25	-.17
13 a. QIstudent	619	5.80	5.48	5.36	5.40	.049	.017	.011	.003	1.22	1.31	1.39	1.40	780	680	624	.000	.000	.000	.25	.32	.29
b. QIadvisor	609	5.10	5.16	5.14	5.20	.067	.022	.013	.004	1.66	1.65	1.66	1.66	6,151	16,876	173,082	.439	.596	.164	-.03	-.02	-.06
c. QIfaculty	617	5.41	5.27	5.26	5.28	.051	.017	.011	.003	1.26	1.29	1.41	1.44	6,326	674	622	.007	.003	.007	.11	.11	.10
d. QIstaff	583	5.41	5.04	5.00	5.01	.059	.021	.013	.004	1.43	1.55	1.63	1.66	5,954	643	588	.000	.000	.000	.24	.25	.24
e. QIadmin	533	5.12	4.92	4.96	4.95	.067	.022	.013	.004	1.54	1.56	1.64	1.67	5,676	16,078	537	.005	.024	.014	.13	.10	.10
14 a. empstudy	597	3.20	3.14	3.11	3.14	.027	.010	.006	.002	.67	.74	.74	.75	767	16,484	602	.028	.004	.021	.09	.12	.08
b. SEacademic	593	3.17	3.08	3.04	3.06	.031	.011	.007	.002	.76	.80	.82	.82	6,036	16,329	167,228	.008	.000	.001	.11	.16	.14
c. SElearnsup	596	3.17	3.14	3.09	3.08	.035	.012	.007	.002	.86	.85	.87	.89	6,030	16,364	167,213	.360	.021	.018	.04	.10	.10

NSSE 2017 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	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017
d. SEdiverse	594	2.89	2.73	2.79	2.78	.037	.013	.008	.002	.90	.94	.94	.95	742	644	598	.000	.013	.003	.17	.10	.12
e. SEsocial	591	3.25	3.05	2.98	2.96	.031	.011	.007	.002	.75	.83	.86	.88	6,017	16,293	166,762	.000	.000	.000	.25	.32	.34
f. SEwellness	595	3.23	3.03	2.95	2.93	.032	.012	.007	.002	.77	.85	.88	.90	6,003	16,271	600	.000	.000	.000	.24	.32	.34
g. SEnonacad	591	2.62	2.35	2.37	2.37	.037	.013	.008	.002	.91	.95	.97	.97	6,000	641	595	.000	.000	.000	.29	.26	.26
h. SEactivities	591	3.03	2.89	2.83	2.80	.034	.012	.007	.002	.82	.86	.91	.94	740	647	596	.000	.000	.000	.16	.22	.24
i. SEevents	589	2.69	2.57	2.60	2.55	.038	.012	.008	.002	.93	.90	.94	.96	5,991	16,222	592	.003	.039	.001	.13	.09	.14
15 a. tmprephrs	592	15.69	15.07	14.12	14.74	.299	.108	.064	.020	7.28	7.91	7.95	8.29	752	645	596	.052	.000	.002	.08	.20	.12
b. tmcocurrhrs	589	7.49	6.45	5.52	5.70	.268	.093	.055	.017	6.51	6.78	6.89	7.01	5,961	16,159	593	.000	.000	.000	.15	.29	.25
c. tmworkonhrs	589	1.29	1.94	2.25	2.38	.166	.068	.044	.014	4.03	4.99	5.49	5.63	798	673	596	.000	.000	.000	-.13	-.18	-.19
d. tmworkoffhrs	590	1.29	3.10	6.06	5.78	.187	.097	.079	.025	4.53	7.09	9.93	10.11	939	821	610	.000	.000	.000	-.26	-.49	-.44
— tmworkhrs	589	2.59	5.01	8.29	8.12	.299	.124	.090	.028	7.25	9.05	11.26	11.54	803	699	598	.000	.000	.000	-.27	-.51	-.48
e. tmservicehrs	589	2.63	2.15	2.49	2.54	.190	.054	.037	.012	4.61	3.96	4.66	4.72	5,948	16,166	165,183	.006	.491	.640	.12	.03	.02
f. tmrelaxhrs	588	13.81	13.50	12.45	12.13	.332	.114	.068	.021	8.06	8.35	8.53	8.50	5,961	16,165	165,336	.388	.000	.000	.04	.16	.20
g. tmcarehrs	589	.99	1.15	2.36	3.07	.164	.054	.049	.019	3.97	4.00	6.16	7.62	5,966	699	603	.363	.000	.000	-.04	-.22	-.27
h. tmcommutehrs	588	2.37	2.88	4.01	3.79	.188	.066	.047	.015	4.56	4.86	5.93	5.90	5,973	664	594	.015	.000	.000	-.11	-.28	-.24
16. reading	589	3.05	2.69	2.81	2.76	.043	.015	.009	.003	1.05	1.09	1.09	1.10	732	637	593	.000	.000	.000	.33	.22	.26
— tmreadinghrs	589	8.17	6.62	6.69	6.80	.245	.075	.046	.015	5.93	5.53	5.77	5.89	704	16,110	164,621	.000	.000	.000	.28	.26	.23
17 a. pgwrite	585	2.74	2.73	2.82	2.81	.034	.012	.007	.002	.82	.86	.84	.87	5,945	16,084	164,482	.709	.024	.068	.02	-.10	-.08
b. pgspeak	586	2.88	2.61	2.71	2.67	.032	.012	.007	.002	.78	.90	.89	.92	768	644	591	.000	.000	.000	.30	.19	.23
c. pgthink	587	3.11	3.05	3.07	3.07	.030	.011	.006	.002	.74	.79	.80	.81	5,932	16,083	591	.058	.166	.135	.08	.06	.06
d. pganalyze	587	2.65	2.63	2.61	2.64	.037	.013	.007	.002	.90	.94	.93	.95	5,937	16,084	590	.664	.385	.876	.02	.04	.01
e. pgwork	589	2.56	2.56	2.56	2.60	.037	.013	.008	.002	.90	.94	.94	.96	5,933	16,083	592	.895	.955	.287	.01	.00	-.04
f. pgothers	586	2.97	2.83	2.84	2.83	.033	.012	.007	.002	.80	.85	.86	.88	739	638	590	.000	.000	.000	.17	.16	.17
g. pgvalues	585	2.85	2.63	2.70	2.71	.036	.013	.007	.002	.86	.92	.93	.95	741	637	589	.000	.000	.000	.24	.17	.15
h. pgdiverse	585	2.83	2.69	2.81	2.79	.037	.013	.007	.002	.90	.92	.93	.94	724	16,064	589	.000	.583	.267	.15	.02	.04
i. pgprobsolve	584	2.69	2.57	2.61	2.64	.036	.012	.007	.002	.87	.91	.92	.93	731	633	588	.002	.019	.132	.13	.09	.06
j. pgcitizen	586	2.82	2.60	2.67	2.67	.035	.013	.007	.002	.86	.93	.92	.94	743	638	590	.000	.000	.000	.24	.16	.17
18. evalexp	584	3.42	3.23	3.18	3.20	.028	.010	.006	.002	.68	.71	.72	.74	5,924	16,073	164,314	.000	.000	.000	.28	.34	.30
19. sameinst	585	3.45	3.26	3.19	3.22	.030	.011	.006	.002	.72	.78	.80	.81	5,945	16,091	164,492	.000	.000	.000	.25	.33	.29

NSSE 2017 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	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017
1 a. askquest	899	3.16	3.10	3.11	3.10	.028	.009	.005	.002	.84	.86	.86	.87	10,966	29,736	297,195	.035	.058	.023	.07	.06	.08
b. drafts	897	2.25	2.31	2.39	2.41	.032	.010	.006	.002	.97	.99	1.01	1.01	1,073	958	902	.120	.000	.000	-.05	-.14	-.16
c. unpreparedr	894	2.88	2.90	2.94	2.99	.026	.008	.005	.001	.78	.79	.79	.81	10,844	29,498	294,467	.441	.022	.000	-.03	-.08	-.14
d. attendart	893	1.91	1.83	1.80	1.81	.031	.009	.005	.002	.93	.89	.89	.90	10,836	29,456	293,762	.006	.000	.001	.10	.12	.11
e. CLaskhelp	892	2.70	2.56	2.51	2.42	.027	.009	.005	.002	.81	.87	.88	.91	1,083	958	898	.000	.000	.000	.16	.21	.30
f. CLexplain	894	2.98	2.86	2.82	2.73	.026	.008	.005	.002	.77	.81	.83	.87	1,077	958	900	.000	.000	.000	.15	.19	.29
g. CLstudy	893	2.77	2.60	2.56	2.47	.031	.010	.006	.002	.92	.96	.97	1.01	1,078	957	899	.000	.000	.000	.18	.21	.30
h. CLproject	891	3.16	2.99	2.94	2.83	.027	.008	.005	.002	.80	.84	.86	.93	10,745	29,235	898	.000	.000	.000	.20	.26	.36
i. present	890	2.96	2.85	2.82	2.69	.029	.009	.006	.002	.88	.90	.93	.98	1,066	952	896	.000	.000	.000	.13	.15	.28
2 a. RIntegrate	884	3.15	3.01	2.99	2.93	.025	.008	.005	.002	.73	.82	.82	.84	10,581	28,937	890	.000	.000	.000	.16	.19	.26
b. RIsocietal	884	2.96	2.84	2.83	2.79	.028	.009	.005	.002	.83	.89	.89	.90	1,079	949	890	.000	.000	.000	.14	.15	.18
c. RIdiverse	879	2.78	2.63	2.66	2.62	.030	.010	.006	.002	.90	.95	.95	.96	1,067	941	884	.000	.000	.000	.16	.13	.17
d. Rlownview	877	2.94	2.83	2.84	2.84	.027	.008	.005	.002	.79	.83	.83	.83	1,060	938	882	.000	.001	.000	.13	.11	.12
e. Rlperspect	873	3.08	2.96	2.98	2.96	.026	.008	.005	.002	.77	.82	.81	.81	10,370	28,501	283,201	.000	.000	.000	.15	.13	.14
f. RInewview	867	3.09	2.95	2.96	2.95	.025	.008	.005	.001	.72	.79	.78	.79	1,063	931	872	.000	.000	.000	.17	.16	.18
g. Rlconnect	866	3.27	3.21	3.21	3.19	.022	.007	.004	.001	.66	.73	.72	.73	1,068	931	871	.014	.017	.001	.08	.08	.10
3 a. SFcareer	865	2.61	2.48	2.50	2.42	.032	.010	.006	.002	.94	.97	.98	.98	10,267	28,276	280,804	.000	.001	.000	.13	.12	.19
b. SFotherwork	864	2.19	2.03	2.00	1.94	.035	.011	.006	.002	1.02	1.02	1.03	1.01	10,239	28,211	280,100	.000	.000	.000	.16	.18	.25
c. SFdiscuss	862	2.41	2.28	2.24	2.15	.031	.010	.006	.002	.91	.92	.95	.95	10,213	28,139	279,234	.000	.000	.000	.15	.18	.27
d. SFperform	861	2.24	2.23	2.27	2.20	.030	.009	.006	.002	.88	.90	.92	.91	10,189	920	279,012	.615	.505	.192	.02	-.02	.04
4 a. memorize	858	2.74	2.76	2.77	2.72	.028	.009	.005	.002	.83	.88	.88	.89	1,040	918	863	.424	.201	.522	-.03	-.04	.02
b. HOapply	855	3.11	3.11	3.10	3.09	.025	.008	.005	.002	.74	.79	.80	.79	1,045	918	861	.982	.520	.289	.00	.02	.03
c. HOanalyze	853	3.05	3.04	3.05	3.04	.026	.009	.005	.002	.77	.83	.82	.82	1,044	915	858	.964	.960	.962	.00	.00	.00
d. HOevaluate	852	2.99	2.88	2.93	2.92	.028	.009	.005	.002	.81	.88	.86	.86	1,044	913	857	.000	.061	.024	.12	.06	.07
e. HOform	848	2.97	2.93	2.94	2.95	.028	.009	.005	.002	.80	.84	.84	.84	1,027	906	276,361	.137	.384	.430	.05	.03	.03
5 a. ETgoals	849	3.25	3.14	3.16	3.15	.023	.008	.005	.001	.67	.76	.78	.78	1,058	921	855	.000	.000	.000	.15	.13	.14
b. ETorganize	846	3.22	3.09	3.10	3.09	.024	.008	.005	.002	.69	.77	.79	.80	10,080	917	852	.000	.000	.000	.17	.16	.17
c. ETexample	849	3.26	3.15	3.13	3.09	.024	.008	.005	.002	.70	.79	.81	.83	1,056	920	855	.000	.000	.000	.14	.16	.20
d. ETdraftfb	850	2.81	2.75	2.80	2.75	.032	.010	.006	.002	.93	.94	.95	.96	1,018	27,772	854	.067	.757	.070	.06	.01	.06
e. ETfeedback	848	2.90	2.81	2.85	2.82	.027	.009	.005	.002	.80	.86	.88	.90	1,038	913	854	.001	.038	.003	.11	.07	.09

NSSE 2017 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	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017
6 a. QRconclude	845	2.74	2.67	2.62	2.65	.031	.010	.006	.002	.90	.92	.92	.92	1,014	901	850	.030	.000	.005	.08	.13	.10
b. QRproblem	844	2.53	2.45	2.40	2.41	.033	.010	.006	.002	.96	.96	.96	.96	10,029	27,671	274,993	.029	.000	.000	.08	.13	.12
c. QRevaluate	846	2.61	2.51	2.41	2.42	.031	.010	.006	.002	.89	.93	.92	.92	1,021	27,720	275,398	.002	.000	.000	.11	.22	.21
7 a. wrshortnum	795	7.37	7.80	7.63	7.71	.223	.071	.041	.013	6.28	6.52	6.51	6.69	9,209	25,526	800	.069	.266	.122	-.07	-.04	-.05
b. wrmednum	793	3.28	3.50	3.46	3.60	.139	.046	.027	.009	3.90	4.16	4.19	4.41	9,148	25,362	798	.155	.240	.022	-.05	-.04	-.07
c. wrlongnum	794	1.72	1.90	1.83	1.94	.101	.037	.022	.007	2.85	3.40	3.42	3.63	1,020	869	801	.084	.298	.027	-.06	-.03	-.06
— wrpages	790	74.08	78.96	77.26	79.96	2.836	.959	.569	.186	79.73	86.91	88.42	92.07	8,998	24,967	796	.129	.319	.039	-.06	-.04	-.06
8 a. DDrace	794	3.05	3.00	3.08	3.08	.030	.010	.006	.002	.86	.91	.92	.92	9,252	853	799	.164	.258	.337	.05	-.04	-.03
b. DDeconomic	788	3.07	3.04	3.06	3.06	.029	.009	.006	.002	.81	.85	.87	.89	9,235	846	793	.282	.843	.726	.04	.01	.01
c. DDreligion	792	3.10	2.99	3.02	2.98	.029	.010	.006	.002	.82	.90	.91	.94	980	855	798	.000	.006	.000	.12	.09	.13
d. DDpolitical	792	3.15	2.99	2.99	2.98	.030	.010	.006	.002	.84	.89	.91	.92	9,215	25,450	252,206	.000	.000	.000	.18	.18	.19
9 a. LSreading	789	3.21	3.14	3.14	3.14	.025	.009	.005	.002	.69	.79	.78	.79	993	854	795	.003	.002	.004	.10	.10	.09
b. LSnotes	790	2.75	2.77	2.84	2.83	.033	.010	.006	.002	.94	.94	.93	.93	9,191	25,378	251,204	.575	.004	.008	-.02	-.10	-.09
c. LSsummary	783	2.82	2.81	2.82	2.84	.030	.010	.006	.002	.85	.90	.90	.90	955	840	788	.630	.900	.704	.02	.00	-.01
10. challenge	786	5.54	5.51	5.55	5.57	.040	.013	.008	.003	1.13	1.18	1.28	1.28	956	851	792	.527	.792	.394	.02	-.01	-.03
11 a. intern ^l	787	.640	.587	.504	.489	.0171	.0054	.0032	.0010	--	--	--	--	--	--	--	.004	.000	.000	.11	.27	.30
b. leader ^l	787	.534	.434	.344	.351	.0178	.0054	.0030	.0010	--	--	--	--	--	--	--	.000	.000	.000	.20	.39	.37
c. learncom ^l	785	.304	.267	.247	.231	.0164	.0049	.0028	.0008	--	--	--	--	--	--	--	.027	.000	.000	.08	.13	.17
d. abroad ^l	786	.281	.198	.124	.137	.0160	.0044	.0021	.0007	--	--	--	--	--	--	--	.000	.000	.000	.19	.40	.36
e. research ^l	786	.309	.287	.218	.232	.0165	.0050	.0026	.0008	--	--	--	--	--	--	--	.193	.000	.000	.05	.21	.17
f. capstone ^l	784	.592	.506	.465	.450	.0176	.0055	.0032	.0010	--	--	--	--	--	--	--	.000	.000	.000	.17	.25	.28
12. servcourse	784	1.77	1.72	1.83	1.74	.023	.007	.005	.001	.66	.68	.71	.72	949	25,069	789	.034	.019	.272	.08	-.08	.04
13 a. Qlstudent	782	5.89	5.59	5.59	5.58	.041	.014	.008	.003	1.14	1.28	1.31	1.34	979	850	788	.000	.000	.000	.23	.22	.23
b. Qladvisor	771	4.89	4.98	5.14	5.20	.063	.020	.012	.004	1.76	1.79	1.78	1.77	8,950	24,579	244,728	.223	.000	.000	-.05	-.14	-.17
c. Qlfaculty	779	5.71	5.50	5.53	5.50	.042	.014	.009	.003	1.17	1.32	1.37	1.40	976	849	785	.000	.000	.000	.16	.13	.15
d. Qlstaff	702	5.25	4.90	4.91	4.88	.055	.020	.012	.004	1.46	1.65	1.71	1.74	886	771	708	.000	.000	.000	.22	.20	.21
e. Qladmin	721	5.19	4.84	4.93	4.89	.055	.019	.011	.004	1.48	1.65	1.68	1.73	894	780	726	.000	.000	.000	.22	.16	.18
14 a. empstudy	769	3.08	3.12	3.12	3.14	.026	.008	.005	.002	.71	.75	.76	.76	939	826	774	.141	.148	.013	-.05	-.05	-.08
b. SEacademic	770	3.09	2.95	2.94	2.94	.027	.009	.006	.002	.76	.82	.84	.85	954	833	776	.000	.000	.000	.17	.18	.18
c. SElearnsup	769	2.96	2.87	2.82	2.84	.031	.010	.006	.002	.87	.91	.93	.93	937	828	774	.003	.000	.000	.11	.15	.13

NSSE 2017 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	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	JMU	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:		
														Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017	Faculty Salary Peers	Community Engaged	NSSE 2016 & 2017
d. SEdiverse	768	2.65	2.52	2.65	2.61	.034	.011	.006	.002	.94	.97	.98	.99	933	823	773	.000	.932	.237	.14	.00	.04
e. SEsocial	768	3.18	2.92	2.86	2.81	.028	.010	.006	.002	.79	.87	.90	.93	8,726	834	774	.000	.000	.000	.30	.36	.41
f. SEwellness	768	3.19	2.86	2.81	2.73	.029	.010	.006	.002	.79	.92	.94	.96	978	840	775	.000	.000	.000	.36	.40	.47
g. SEnonacad	767	2.31	2.06	2.09	2.08	.034	.011	.006	.002	.95	.95	.97	.98	921	23,994	237,017	.000	.000	.000	.27	.23	.24
h. SEactivities	766	2.95	2.69	2.59	2.55	.030	.011	.006	.002	.83	.94	.96	1.00	962	833	772	.000	.000	.000	.28	.38	.40
i. SEevents	767	2.47	2.46	2.46	2.36	.033	.010	.006	.002	.92	.93	.95	.97	8,695	23,930	771	.750	.668	.001	.01	.02	.12
15 a. tmprephrs	763	15.77	15.11	14.80	15.22	.292	.097	.057	.018	8.06	8.63	8.68	8.88	937	821	768	.033	.001	.059	.08	.11	.06
b. tmcocurrhrs	764	7.84	5.73	4.85	4.89	.267	.080	.046	.015	7.39	7.13	6.99	7.06	8,652	808	235,795	.000	.000	.000	.29	.43	.42
c. tmworkonhrs	763	4.09	3.57	3.44	3.60	.248	.076	.046	.015	6.84	6.73	7.06	7.08	8,674	23,866	235,966	.039	.012	.053	.08	.09	.07
d. tmworkoffhrs	764	5.00	9.73	13.05	12.80	.309	.131	.085	.028	8.54	11.64	12.85	13.41	1,057	881	775	.000	.000	.000	-.41	-.63	-.58
— tmworkhrs	761	9.06	13.24	16.45	16.35	.362	.136	.085	.028	9.98	12.04	12.96	13.40	987	847	769	.000	.000	.000	-.35	-.57	-.55
e. tmservicehrs	763	3.27	3.00	3.40	3.24	.187	.057	.037	.011	5.17	5.05	5.67	5.51	8,658	823	235,418	.159	.514	.869	.05	-.02	.01
f. tmrelaxhrs	763	13.05	12.20	10.66	10.54	.294	.093	.053	.017	8.13	8.23	8.10	8.10	8,668	23,864	235,785	.006	.000	.000	.10	.30	.31
g. tmcarehrs	763	1.62	3.26	5.45	6.37	.214	.093	.069	.023	5.90	8.25	10.42	11.31	1,074	927	780	.000	.000	.000	-.20	-.37	-.42
h. tmcommutehrs	762	4.38	4.79	5.47	4.84	.149	.057	.040	.012	4.12	5.10	6.07	6.03	999	874	772	.011	.000	.002	-.08	-.18	-.08
16. reading	761	2.97	2.76	2.85	2.86	.043	.013	.008	.002	1.18	1.18	1.18	1.18	8,674	23,859	235,760	.000	.006	.007	.18	.10	.10
— tmreadinghrs	757	7.77	6.89	7.17	7.35	.221	.068	.042	.013	6.08	6.04	6.33	6.44	8,656	23,768	234,800	.000	.011	.077	.14	.09	.06
17 a. pgwrite	756	3.04	2.98	3.02	3.00	.030	.010	.006	.002	.82	.88	.87	.89	930	813	761	.054	.440	.250	.07	.03	.04
b. pgspeak	755	3.16	2.91	2.93	2.91	.029	.010	.006	.002	.80	.91	.91	.94	954	820	761	.000	.000	.000	.28	.25	.27
c. pgthink	757	3.44	3.31	3.28	3.29	.026	.009	.005	.002	.71	.78	.79	.79	942	819	762	.000	.000	.000	.17	.20	.19
d. pganalyze	759	2.95	2.86	2.83	2.85	.034	.011	.006	.002	.93	.98	.97	.97	929	814	763	.019	.001	.007	.09	.12	.09
e. pgwork	756	3.06	2.92	2.92	2.92	.032	.011	.006	.002	.89	.95	.96	.96	928	814	761	.000	.000	.000	.14	.14	.14
f. pgothers	757	3.35	3.07	3.06	3.03	.026	.010	.006	.002	.72	.86	.87	.89	981	831	764	.000	.000	.000	.34	.33	.36
g. pgvalues	757	3.03	2.76	2.84	2.83	.033	.011	.006	.002	.91	.98	.99	.99	935	816	762	.000	.000	.000	.27	.20	.20
h. pgdiverse	758	2.89	2.73	2.86	2.83	.034	.011	.006	.002	.92	.97	.97	.98	926	813	763	.000	.396	.067	.17	.03	.06
i. pgprobsolve	758	2.95	2.81	2.81	2.82	.031	.011	.006	.002	.86	.94	.95	.95	940	820	763	.000	.000	.000	.15	.15	.14
j. pgcitizen	755	2.92	2.66	2.72	2.70	.032	.011	.007	.002	.88	.97	.99	1.00	942	818	760	.000	.000	.000	.27	.20	.23
18. evalexp	757	3.54	3.29	3.25	3.26	.022	.008	.005	.002	.62	.74	.76	.77	979	834	763	.000	.000	.000	.33	.38	.36
19. sameinst	756	3.49	3.26	3.22	3.23	.027	.009	.006	.002	.73	.82	.84	.85	950	822	762	.000	.000	.000	.29	.33	.31

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 N s 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."